BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
•LUCKNOW•
प्रज्ञा शील करुणा
ESTABLISHED 1996

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY



(A Central University)

(Accredited 'A++' Grade by NAAC)

Vidya Vihar, Raebareli Road, Lucknow- 226025

Uttar Pradesh, India



Annual Report

2024-25

ANNUAL REPORT
2024-25

Babasaheb Bhimrao Ambedkar University

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

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6. **School of Information Science & Technology** 224
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- Department of Law
- Centre of Post Graduate Legal Studies

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10. **School of Management and Commerce** 372
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11. **School of Media and Communication** 394
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12. **School of Pharmaceutical Sciences** 408
    - Department of Pharmaceutical Sciences

13. **School of Physical and Decision Sciences** 424
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    - Department of Mathematics
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    - Integrated B.Sc.-M.Sc. (Basic Science)

14. **School of Performing Arts** 502
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17. **School of Engineering and Technology** 534
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Visitor

Hon'ble President of India
Smt. Droupadi Murmu

Vice-Chancellor
Prof. Raj Kumar Mittal

Registrar	**Dr. Ashwini Kumar Singh**
Finance Officer	**Dr. Ajay Kumar Mohanty**
Controller of Examination	**Prof. Vikram Singh Yadav**
Librarian	**Dr. Sunil Goria**
Proctor	**Prof. Mahender Pratap Singh**
Dean Student's Welfare	**Prof. Narendra Kumar**

Dean of the Schools

1.	Prof. Manish Kumar Verma	Ambedkar School of Social Sciences
2.	Prof. Deepa Hansraj Dwivedi	School of Agricultural Sciences & Technology
3.	Prof. Rajesh Kumar	School of Earth & Environmental Sciences
4.	Prof. Rajsharan Shahi	School of Education
5.	Prof. Bal Chandra Yadav	School of Engineering and Technology
6.	Prof. Uraimindi Venkata Kiran	School of Home Science
7.	Prof. Mahender Pratap Singh	School of Information Science and Technology
8.	Prof. Ram Pal Gangwar	School of Languages & Literature
9.	Prof. Preeti Misra	School of Legal Studies
10.	Prof. Sangeeta Saxena	School of Life Sciences
11.	Prof. Amit Kumar Singh	School of Management and Commerce
12.	Prof. Gopal Singh	School of Media & Communication
13.	Prof. Mahender Pratap Singh	School of Performing Arts
14.	Prof. P.S. Rajinikanth	School of Pharmaceutical Sciences
15.	Prof. Bal Chandra Yadav	School of Physical and Decision Sciences
16.	Prof. Ram Pal Gangwar	School of Sanskrit & Indic Studies
17.	Prof. Manish Kumar Verma	School of Vocational & Futuristic Studies
18.	Prof. Bal Chandra Yadav	School of Yoga, Naturopathy and Cognitive Studies

Director/Coordinator of the Centres

1	Director, Research & Development Cell	Prof. Shishir Kumar
2	Director, IQAC	Prof. Ram Chandra
3	Director (In-charge), Centre for Study of Social Inclusion	Prof. Sartik, Bagh
4	Director, Residential Coaching Academy	Prof. Surinder Kumar
5	Director (In-charge), Computer Centre	Prof. S.K. Dwivedi
6	Director (In-charge), Satellite Centre, Amethi	Dr. Sandeep Kumar Nayak
7	Director, Centre for Post Graduate Legal Studies	Prof. Preeti Misra
8	Director (In-charge), EMRC (Media Centre)	Prof. Gopal Singh
9	Coordinator, Dr. Ambedkar Centre of Excellence	Prof. Shashi Kumar
10	Coordinator, Remedial Coaching Programme	Prof. M. Ravi Kumar Vejendala

Head/Coordinator of the Departments

1	Biotechnology	Prof. Dinesh Raj Modi
2	Chemistry	Prof. Anjani Kumar Tiwari
3	Civil Engineering	Dr. Manvendra Singh Chauhan
4	Commerce	Prof. Kushendra Mishra
5	Computer Engineering	Dr. Dhirendra Pandey (I/C)
6	Computer Science	Prof. Shishir Kumar
7	Economics	Prof. Sanatan Nayak
8	Education	Prof. Rajsharan Shahi
9	Electrical Engineering	Dr. Anshul Agarwal
10	Electronics & Communication Engineering	Dr. Balraj Singh
11	English	Dr. B. Patra (Satellite Centre, Amethi)
12	Environmental Microbiology	Prof. Rajesh Kumar
13	Environmental Science	Prof. Venkatesh Dutta
14	Food & Nutrition	Prof. Neetu Singh
15	Geology	Prof. Narendra Kumar
16	Hindi	Prof. Ram Pal Gangwar
17	History	Prof. M. Ravi Kumar Vejendala
18	Horticulture	Prof. Mufat Lal Meena
19	Human Development & Family Studies	Prof. Shalini Agarwal
20	Human Rights	Prof. Shashi Kumar
21	Information Technology	Dr. Raj Shree
22	Law	Prof. Sudarshan Verma
23	Library & Information Science	Prof. Kanhaiya Lal Mahawar
24	Management Studies	Prof. Amit Kumar Singh
25	Mass Communication & Journalism	Prof. Govind Ji Pandey
26	Mathematics	Prof. Sunil Kumar Singh
27	Music	Dr. Babita Pandey
28	Pharmaceutical Sciences	Prof. P.S. Rajinikanth
29	Physics	Prof. Bal Chandra Yadav
30	Political Science	Prof. Sartik Bagh
31	Public Administration	Prof. Oshdhish Pati Bhushan Shukla
32	Sanskrit & Vedic Studies	Prof. Ripu Sudan Singh
33	Skill & Vocational Studies	Prof. Deepa Hansraj Dwivedi
34	Sociology	Dean, Ambedkar School of Social Science
35	Statistics	Prof. Surinder Kumar
36	Yoga	Dr. Deepeshwar Singh
37	Zoology	Prof. V. Elangovan

From the Vice Chancellor's Desk



I am extremely pleased to present the 28th Annual Report (Financial Year 2024-2025) of Babasaheb Bhimrao Ambedkar University, Lucknow. This year has seen remarkable progress, innovation, and collective achievements for the University community.

I am proud and satisfied to state that the University has firmly established its academic reputation and national standing. The University secured the 37th rank in the University category, 79th rank in the Management category, and 69th rank in the Overall category in the National Institutional Ranking Framework (NIRF) 2025.

The University also secured the 21st rank in Agriculture and Allied Sectors, 12th rank in Law, and 23rd rank in Pharmacy. These achievements are a testament to the University's commitment to teaching, research, and community service.

This year, the University organized a rich series of academic, social, and cultural activities aimed at fulfilling its responsibilities towards nation-building and social empowerment. These included; World Day Against Child Labour, International Yoga Day, World Bicycle Day, Ambedkar Jayanti, Pandit Deendayal Upadhyaya Jayanti, World Environment Day, programs related to National Education Policy (NEP), Birsa Munda Sports League, National Nutrition Month, Run for Unity, Constitution Day, Inter-School Sports events, Five-day Workshop on Research Methodology, *Swachhta Pakhwada*, World Meditation Day, Netaji Subhas Chandra Bose Jayanti, Sant Ravidas Jayanti, programs related to Sustainable Development Goals, *Pariksha Pe Charcha*, Management Fest: "*Tarang* 2025", and program related to economic stability.

A comprehensive and multi-faceted hostel named *Savitribai Phule Mahila Chhatravas* was inaugurated for the students. Educational tours were organized for students, and students from various educational institutions visited the University.

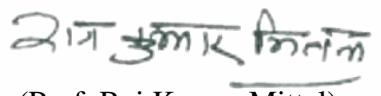
Scholarship applications of students were processed by Scheduled Caste/Scheduled Tribe Cell of the University which helped approximately 34 percent of students continue to their education.

I am also pleased to inform you that, thanks to the efforts of the Dr. Ambedkar Centre of Excellence established under the Ministry of Education, many students have had the opportunity to be selected for various state and national institutions.

This University is continuously striving towards the ideals and values espoused by Babasaheb Bhimrao Ambedkar, inspired by its founders and visionary thinkers. The hard work, dedication, and tireless efforts of our teachers, staff, and students are the driving force behind our progress.

I am confident that with continued hard work, innovation, and a spirit of collaboration, the University will set new benchmarks in academic excellence, social responsibility, and nation-building in the years to come.

I express my heartfelt gratitude to the University community and the Ministry of Education for their continued support, guidance, and encouragement.



(Prof. Raj Kumar Mittal)

Board of Management

1. **Prof. Raj Kumar Mittal**
   Vice Chancellor
   BBAU, Lucknow
2. **Prof. Bal Chandra Yadav**
   Dean, School of Physical and Decision Sciences
3. **Prof. Kushendra Mishra**
   Head, Deptt. of Management Studies
4. **Prof. S. Victor Babu**
   Professor, Deptt. of History
5. **Dr. Sunil Babu Gosipatala**
   Associate Professor, Deptt. of Biotechnology
6. **Dr. Devendra Singh**
   Assistant Professor, Deptt. of Physics
7. **To be nominated** (Lok Sabha)
8. **To be nominated** (Lok Sabha)
9. **Shri Mithlesh Kumar**
   Member, Rajya Sabha, Bunglow No. 06, Mahadev Road, New Delhi-110001
10. **To be nominated** (From DoE nominated by Visitor)
11. **To be nominated** (From UGC nominated by Visitor)
12. **Prof. (Retd.) Shailesh N. Zala**
    Chairperson, West Regional Committee, NCTE, New Delhi
    Former Vice-Chancellor, Maharaja Krishnakumarsinhji, Bhavnagar University, Gujarat
13. **Dr. Manroop Singh Meena**
    Former Pro Vice-Chancellor, IGNOU, New Delhi
14. **Prof. (Dr.) Savita Sengar**
    Vice-Chancellor, Jharkhand Rai University, Ranchi
15. **Dr. L. Gomathi Devi**
    Vice-Chancellor, Maharani Cluster University, Bangalore
16. **Ex officio Secretary BOM,**
    Registrar, BBAU, Lucknow

Academic Council

1 **Prof. Raj Kumar Mittal**
Vice Chancellor
Babasaheb Bhimrao Ambedkar University, Lucknow.

2 **Prof. Dhananjay Singh**
Member Secretary, Indian Council of Social Science Research
Aruna Asaf Ali Marg, JNU Campus
New Delhi – 110067

3 **Dr. Sanjay K. Mishra**
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Mob.: 9452373125

4 **Dr. Akhilesh Mishra**
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Tech. Translation and Innovation Division
DST, New Delhi
Email: akhilesh.mishra@nic.in
Mob.: 8527503219

5 **Prof. S.K. Singh**
DDG (Hort. Science)
ICAR, Krishi Anusandhan Bhavan – II
Pusa, New Delhi – 110012
Email: ddghort.icar@gov.in
Fax: 011-25841976

6 **Prof. Sunita Mishra** (On deputation)
Department of Home Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

7 **Prof. S. Victor Babu**
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow.

8 **Prof. D.R. Modi**
Department of Biotechnology
Babasaheb Bhimrao Ambedkar University, Lucknow.

9 **Prof. Priti Saxena** (On deputation)
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

10 **Prof. Vipin Saxena**
Department of Computer Science

Babasaheb Bhimrao Ambedkar University, Lucknow.

11 **Prof. Shiv Kumar Dwivedi**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

12 **Prof. K.L. Mahawar**
Department of Library & Information Technology
Babasaheb Bhimrao Ambedkar University, Lucknow.

13 **Prof. Kamal Jaiswal**
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

14 **Prof. Kaman Singh**
Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

15 **Prof. B.S. Bhadauria**
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Babasaheb Bhimrao Ambedkar University, Lucknow.

16 **Prof. Ram Chandra**
Department of Environmental Microbiology
Babasaheb Bhimrao Ambedkar University, Lucknow.

17 **Prof. Shubhini A. Saraf** (On deputation)
Department of Pharmaceutical Sciences
Babasaheb Bhimrao Ambedkar University, Lucknow.

18 **Prof. Ripu Sudan Singh**
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

19 **Prof. Bibhuti Bhusan Malik**
Department of Sociology
Babasaheb Bhimrao Ambedkar University, Lucknow.

20 **Prof. Sanjay Kumar**
Department of Horticulture
Babasaheb Bhimrao Ambedkar University, Lucknow.

21 **Prof. Sanjay Kumar Dwivedi**
Department of Computer Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

22 **Prof. R.A. Khan**
Department of Information Technology
Babasaheb Bhimrao Ambedkar University, Lucknow.

23 **Prof. Manish Kumar Verma**
Department of Sociology
Babasaheb Bhimrao Ambedkar University, Lucknow.

24 **Prof. L.C. Malliah (On lien)**
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

25 **Prof. Shura Darapuri**
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow

26 **Prof. Preeti Misra**
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

27 **Prof. B.C. Yadav**
Department of Physics
Babasaheb Bhimrao Ambedkar University, Lucknow.

28 **Prof. Surinder Kumar**
Department of Statistics
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29 **Prof. Gajanan Pandey**
Department of Chemistry
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30 **Prof. Kushendra Mishra**
Department of Management Studies
Babasaheb Bhimrao Ambedkar University, Lucknow.

31 **Prof. Devesh Kumar**
Department of Physics
Babasaheb Bhimrao Ambedkar University, Lucknow.

32 **Prof. Sangeeta Saxena**
Department of Biotechnology
Babasaheb Bhimrao Ambedkar University, Lucknow.

33 **Prof. V. Elangovan**
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

34 **Prof. M.P. Singh**
Department of Library & Information Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

35 **Prof. Rajesh Kumar**
Department of Environmental Microbiology
Babasaheb Bhimrao Ambedkar University, Lucknow.

36 **Prof. Shashi Kumar**
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

37 **Prof. Sudarshan Verma**
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

38 **Prof. Gopal Singh**
Department of Mass Communication & Journalism
Babasaheb Bhimrao Ambedkar University, Lucknow.

39 **Prof. Sanatan Nayak**
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

40 **Prof. Shashikant Pandey**
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

41 **Prof. Govind Ji Pandey**
Department of Mass Communication & Journalism
Babasaheb Bhimrao Ambedkar University, Lucknow.

42 **Prof. Sartik Bagh**
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

43 **Prof. Deepa H. Dwivedi**
Department of Horticulture
Babasaheb Bhimrao Ambedkar University, Lucknow.

44 **Prof. B.N. Dubey**
Department of Sociology
Babasaheb Bhimrao Ambedkar University, Lucknow.

45 **Prof. Naveen Kumar Arora**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

46 **Prof. Shilpi Verma**
Department of Library & Information Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

47 **Prof. Madhulika Dube**
Department of Statistics
Babasaheb Bhimrao Ambedkar University, Lucknow.

48 **Prof. Jaya Shrivastava**
Department of Sociology
Babasaheb Bhimrao Ambedkar University, Lucknow.

49 **Prof. Harishankar Singh**
Department of Education
Babasaheb Bhimrao Ambedkar University, Lucknow.

50 **Prof. Shikha**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

51 **Prof. Venkatesh Kumar R.**
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

52 **Prof. Venkatesh Dutta**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

53 **Prof. U.V. Kiran**
Department of Human Development & Family Studies
Babasaheb Bhimrao Ambedkar University, Lucknow.

54 **Prof. Gaurav Kaithwas**
Department of Pharmaceutical Sciences
Babasaheb Bhimrao Ambedkar University, Lucknow.

55 **Prof. Sarvesh Kumar Singh**
Department of Hindi
Babasaheb Bhimrao Ambedkar University, Lucknow.

56 **Prof. Anjani Kumar Tiwari**
Head, Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

57 **Prof. Sunil Kumar Singh**
Head, Department of Mathematics
Babasaheb Bhimrao Ambedkar University, Lucknow

58 **Prof. Sanjeev Kumar Chadha**
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

59 **Prof. Ram Pal Gangwar**
Department of Hindi
Babasaheb Bhimrao Ambedkar University, Lucknow.

60 **Prof. Shishir Kumar**
Department of Computer Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

61 **Prof. Narendra Kumar**
Head, Department of Geology
Babasaheb Bhimrao Ambedkar University, Lucknow

62 **Prof. M.L. Meena**
Department of Horticulture
Babasaheb Bhimrao Ambedkar University, Lucknow.

63 **Prof. Suman Mishra**
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

64 **Prof. Abha Mishra**
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

65 **Prof. M. Ravi Kumar Vejendala**
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow.

66 **Prof. Deepa Raj**
Department of Computer Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

67 **Prof. Amit Kumar Singh**
Department of Management Studies
Babasaheb Bhimrao Ambedkar University, Lucknow.

68 **Prof. Neetu Singh**
Head, Department of Food & Nutrition
Babasaheb Bhimrao Ambedkar University, Lucknow.

69 **Prof. Sharad Kumar Sonkar**
Department of Library & Information Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

70 **Prof. Oshdhish Pati Bhushan Shukla**
Head, Department of Public Administration
Babasaheb Bhimrao Ambedkar University, Lucknow.

71 **Prof. P.S. Rajinikanth**
Department of Pharmaceutical Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

72 **Prof. Gulab Chand Yadav**
Department of Horticulture
Babasaheb Bhimrao Ambedkar University, Lucknow.

73 **Prof. Vinod Fattuji Khobragade**
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

74 **Prof. Rajsharan Shahi**
Dean & Head, Department of Education
Babasaheb Bhimrao Ambedkar University, Lucknow.

75 **Prof. Shalini Agarwal**
Head, Department of Human Development & Family Studies
Babasaheb Bhimrao Ambedkar University, Lucknow.

76 **Prof. Devendra Kumar Yadav**
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

77 **Prof. Jagmohan Tanti**
Department of Mathematics
Babasaheb Bhimrao Ambedkar University, Lucknow.

78 **Dr. Raj Shree, Associate Professor**
Head, Department of Information Technology
Babasaheb Bhimrao Ambedkar University, Lucknow.

79 **Dr. Manvendra Singh Chauhan, Associate Professor**
Head, Department of Civil Engineering
Babasaheb Bhimrao Ambedkar University, Lucknow.

80 **Dr. Dhirendra Pandey, Associate Professor**
Head, Department of Computer Engineering
Babasaheb Bhimrao Ambedkar University, Lucknow.

81 **Dr. Anshul Agarwal, Associate Professor**
Head, Department of Electrical Engineering
Babasaheb Bhimrao Ambedkar University, Lucknow.

82 **Dr. Balraj Singh, Associate Professor**
Head, Department of Electronics & Communication Engineering
Babasaheb Bhimrao Ambedkar University, Lucknow.

83 **Dr. Deepeshwar Singh, Associate Professor**
Head, Department of Yoga
Babasaheb Bhimrao Ambedkar University, Lucknow.

84 **Dr. Nandkishor S. More, Associate Professor**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

85 **Dr. G. Sunil Babu, Associate Professor**
Department of Biotechnology
Babasaheb Bhimrao Ambedkar University, Lucknow.

86 **Dr. Jay Shankar Singh, Associate Professor**
Department of Environmental Microbiology
Babasaheb Bhimrao Ambedkar University, Lucknow.

87 **Dr. Mahendra Kumar Padhy, Associate Professor**
Department of Mass Communication & Journalism
Babasaheb Bhimrao Ambedkar University, Lucknow.

88 **Dr. Devendra Singh, Assistant Professor**
Department of Physics
Babasaheb Bhimrao Ambedkar University, Lucknow.

89 **Dr. Preeti Gupta, Assistant Professor**
Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

90 **Dr. Renu Pandey, Assistant Professor**
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow.

91 **Dr. Rahul Varshney, Assistant Professor**
Department of Statistics
Babasaheb Bhimrao Ambedkar University, Lucknow.

92 **Dr. Sunil Goria**
Librarian
Babasaheb Bhimrao Ambedkar University, Lucknow.

93 **Mr. Fahad Ashraf, Ph.D. Scholar**
Department of Statistics
Babasaheb Bhimrao Ambedkar University, Lucknow.

94 **Ms. Pooja Lamba, P.G. Student**
Department of Statistics
Babasaheb Bhimrao Ambedkar University, Lucknow

95 **Dr. Ashwini Kumar Singh**
Registrar
(Secretary)
Babasaheb Bhimrao Ambedkar University, Lucknow

Finance Committee

1.	**Prof. Raj Kumar Mittal** Vice Chancellor Babasaheb Bhimrao Ambedkar University, Lucknow	**Chairman**
2.	**Joint Secretary (CU)** Department of Higher Education Ministry of Education Shastri Bhawan, New Delhi	**Member**
3.	**Joint Secretary & FA** Department of Higher Education Ministry of Education, Shastri Bhawan, New Delhi	**Member**
4.	**Joint Secretary (CU),** University Grants Commission, Bahadur Shah Zafer Marg, New Delhi	**Member**
5.	**Dr. Jitendra Dev Gangwar** Finance Officer Indira Gandhi National Open University New Delhi	**Member**
6.	**Dr. Suman Kumar** Finance Officer Jawaharlal Nehru University, New Delhi	**Member**
7.	**Prof. S. Victor Babu** Department of History Babasaheb Bhimrao Ambedkar University, Lucknow	**Member**
8.	**Dr. Ajay Kumar Mohanty** Finance Officer Babasaheb Bhimrao Ambedkar University, Lucknow	**Ex-officio Secretary**

Planning Board

1. **Prof. Raj Kumar Mittal**
   Vice Chancellor
   Babasaheb Bhimrao Ambedkar University, Lucknow

2. **Prof. Bal Chandra Yadav**
   Dean, School of Physical & Decision Sciences

3. **Prof. Manish Kumar Verma**
   Dean, Ambedkar School of Social Sciences

4. **Prof. Sartik Bagh**
   Head, Department of Political Science

5. **Prof. Kushendra Mishra**
   Head, Department of Commerce

6. **Prof. R.S. Verma**
   Director, MNNIT, Prayagraj

7. **Prof. Chandrashekhar**
   Vice-Chancellor
   Raja Mahendra Pratap Singh State University, Aligarh

8. **Shri Amitabh Tiwari**
   Head, TCS, Lucknow

9. **Dr. Ashok Kumar Singh**
   Director, ICAR-Indian Agricultural Research Institute, New Delhi

10. **To be nominated**

11. **To be nominated**

12. **Finance Officer**
    Babasaheb Bhimrao Ambedkar University, Lucknow

13. **Registrar**
    Babasaheb Bhimrao Ambedkar University, Lucknow

BBAU in NEWS



स्केल और स्कोप पर गंभीरता से होगा काम : प्रो. राज कुमार

Prof RK Mittal appointed as BBAU VC for 5 yrs

श्रेष्ठता की रैंकिंग में बाबाएयू का दबदबा, पांच श्रेणियों में स्थान

'Ranking & placement made BBAU top pick for students'

Along With Research Faculty: VC

BBAU finds 20 plant species to combat air pollution on highways

UGC upgrades BBAU to Category-I university status

बीबीएयू के 13 प्रोफेसरों ने हासिल की उपलब्धि

हाथ में बंधी डिवाइस रोकेगी महिला अपराध

उज्बेकिस्तान में पुरस्कृत हुए बीबीएयू के प्रो. नवीन अरोड़ा

शोध कर 100 एकड़ बंजर भूमि को बनाया उपजाऊ

School of Agricultural Sciences and Technology

1. Introduction

Agriculture played a vital role being sources of livelihood, contribution to national revenue, supply of food as well as fodder, significance to the international trade, marketable surplus, source of raw material, significance in transport, foreign exchange resources, great employment opportunities, economic development, source of saving, food security etc. Despite tremendous progress made by India in the field of industry and services, agriculture continues to play a pivotal role in India's 2 trillion economies. Nearly 58 per cent of Indian house hold depends on farming. Agriculture, remain a key contributor to India's economic development not only by its share of the Gross Domestic Product (GDP) but also as a drive for industrial growth by producing critical raw material and by funnelling, saving and consumption behaviour on which the sales of many industrial products depend.

Agriculture as a concept has grown as well. A decade or two back, it was associated solely with the production of basic crops (cereals, millets, pulses, oil crops, fibre crops, sugarcane, cottons and potato). Modern agriculture includes forestry, bee keeping, mushroom production, poultry, dairy, fishery and Hi-tech horticulture production including Plantation and Medicinal & Aromatic Plants. Due to limited natural resources viz. shrinking of cultivable land area, depletion in water level, poor's soil health and heavy demography pressure, a vast majority of poor, uneducated and underutilized human resources, our cities are becoming increasingly un-sustainable. Peri-urban cultivation of Horticultural crops is one of the solutions to convert urban poor to being employed while at the same time improving the built environment. Keeping in view, the importance of agriculture in general and horticulture in particular university opened new school known as School of Agricultural Sciences and Technology (SAST), which came into being in academic session 2017-18.

2. Number of Departments:

i. Department of Horticulture previously known as Department of Applied Plant Science (Horticulture) presently existing one.
ii. Department of Genetics and Plant Breeding (Proposed one)

3. Number of faculty in each Department:

i. **Prof. Sanjay Kumar**
Senior Professor
Specialization: Vegetable Science in Horticulture under Agricultural Sciences
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

ii. **Prof. Deepa H. Dwivedi**
Professor
Specialization: Fruit Science (Pomology)
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

iii. **Dr. M. L. Meena**
Professor
Specialization: Horticulture under Agricultural Sciences
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

iv. **Dr. Gulab Chand Yadav**
Professor

Specialization: Vegetable Breeding
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

v. **Dr. Sutanu Maji**
Associate Professor
Specialization: Fruit Science (Horticulture).
Qualifications: M.Sc. (Hort.), Ph.D. (Hort.)

vi. **Dr. Ravi Shankar Verma**
Assistant Professor
Specialization: Fruit Science (Pomology)
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

vii. **Dr. Rubee Lata**
Assistant Professor
Specialization: Production technology of Fruit crops and ornamentals crops
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

4. **Special Highlight of the Schools, if any:**
In the beginning, university started offering a one-year (two-semester) PG Diploma in Horticulture i.e. 'Seed and Nursery Production' under the Centre for Rural Technology (CRT) from academic session 1997-98 which was continued up to session 2000-01. Further, the course was upgraded to Master Degree Programme in Horticulture w.e.f. academic 2001-02 after creation of Department of Applied Plant Science (Horticulture) under the School for Bio-sciences and Bio-technology. Later on, the department started Ph. D. programme in Horticulture from academic session 2003-04. Since then, concerted efforts are being made to conduct research on various horticultural crops i.e. Fruit Science (Pomology), Vegetable Science (Olericulture) and Flower Production (Floriculture) including medicinal & aromatic plants, spices & condiments and ornamental aquatic plants in order to improve their production & productivity, protection and utilization.
For conducting experiments (Research trials), the department has two Horticultural Research Farms and a state-of-the art Laboratory and Green House Structures of various types' viz., fibre glasshouse, poly house, shade net house and wire net house. Besides this, Department organizes regular presentation of the students inform of seminars on a weekly basis, especially for the final year (IV semester) students, in order to enhance their orientation /communication skills and to create general awareness amongst them on different aspects of Horticulture. The department also encourages to students for attending/participating in the seminar, conference, workshop, exhibition, farmers' fair etc. on Horticultural crops. In addition to this, every year students of the department are allowed to attend the 'Flower Show' as organized by NBRI, Directorate of Horticulture U.P. Government at Raj Bhawan; Fruit Nursery Visit to Progeny Orchard, Malihabad, Farmers' Fair at CIMAP, IISR and Mango Show/Showcasing of Agricultural Technologies/innovation through exhibition CISH, Lucknow.
5. **Citation-index of the school: Nil**
6. **Any other information: Nil**

Department of Horticulture

About the Department

The Department of Horticulture was established in 2001 under the School of Biosciences and Biotechnology and is now part of the School of Agricultural Science and Technology (SAS&T). Initially, a PG Diploma in Seed and Nursery Production was offered (1997–2001), later upgraded to M.Sc. (Horticulture). At present, the department offers B. Voc. (Floriculture and Landscape Gardening), M.Sc. (Hort.) Fruit Science, M.Sc. (Hort.) Vegetable Science and Ph.D. (Hort.) Fruit Science, Ph. D. (Hort.) Vegetable Science. The department emphasizes teaching, research, and extension specially in fruits and vegetables along with ornamentals, medicinal & aromatic crops, as well as protected cultivation, biodiversity conservation and skill development.

Strengths

- Highly qualified diverse faculty (Professors, Associate Professors and Assistant Professors with Ph.D. in Horticulture).
- Modern facilities: Smart classrooms, well-equipped PG/Ph.D. laboratories, horticulture research farm, fruit germplasm block, greenhouse structures, micro-irrigation systems.
- Strong research culture with **numerous publications, books, and awards** (e.g., *H.B. Singh Award*, *Young Women Scientist Award*).
- Civil service selections and successful student progression into higher education, government jobs, and teaching positions.
- Development of **new fruit orchards of newer crops, Botanical Garden (20 acres)** and **Biodiversity Conservation Park (10 acres)** as unique resources.
- Distinctive **B. Voc. programme** enhancing employability and entrepreneurship skills.

Next Year Plan (2025-26)



- Establishment of **new laboratory facilities** (e.g., electrophoresis unit, portable leaf area meter).
- Strengthen **industry linkages and MoU's** for collaborative research and student internships.
- Introduce **new skill-based certificate courses** aligned with NEP 2020.
- Expand **hi-tech horticulture research** with focus on hydroponics, vertical farming, and climate-resilient technologies.
- Organize **national-level seminars/conferences** to promote knowledge exchange.

- Strengthen **alumni engagement** for student mentoring and placement support.

1. Curriculum Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



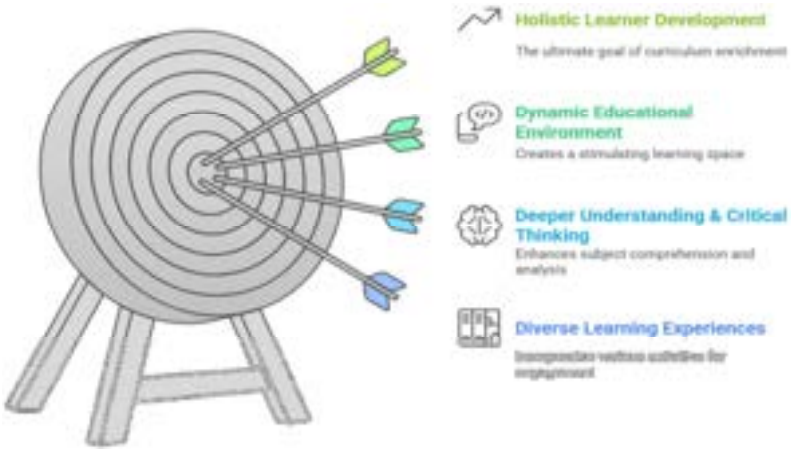
- The Department offers **M.Sc. (Horticulture)** in Fruit Science and Vegetable Science, **Ph.D. (Horticulture)**, and **B.Voc. (Floriculture and Landscape Gardening)**.
- The PG Diploma in Seed and Nursery Production (1997–2001) was upgraded to M.Sc. (Hort.) in 2001–2002.
- Courses designed to promote employability, entrepreneurship, and skill development (esp. B.Voc. programme).

1.2 Academic Flexibility



- Offers choice-based postgraduate and doctoral research programs (Fruit Science, Vegetable Science).
- Integration of vocational courses for skill development.

1.3 Curriculum Enrichment



- Hi-tech horticulture training (greenhouse technology, protected cultivation, micro-irrigation, high-density planting).
- Biodiversity conservation initiatives (Botanical Garden, Biodiversity Park).
- Curriculum aligned with sustainable development goals.

1.4 Feedback System

- Feedback forms are filled up by the students.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- M.Sc. and Ph.D. enrolments ongoing; data of PG submissions and Ph.D. awards available (17 Ph.D./M.Sc. submissions in 2024).

2.2 Catering to Student Diversity



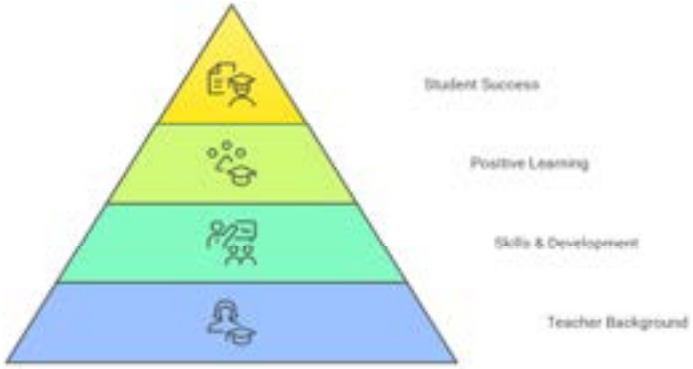
- Students selected in Civil Services (BPSC, UPPSC, RPSC), higher education, banking services, private and public jobs — indicating wide adaptability.

2.3 Teaching-Learning Process



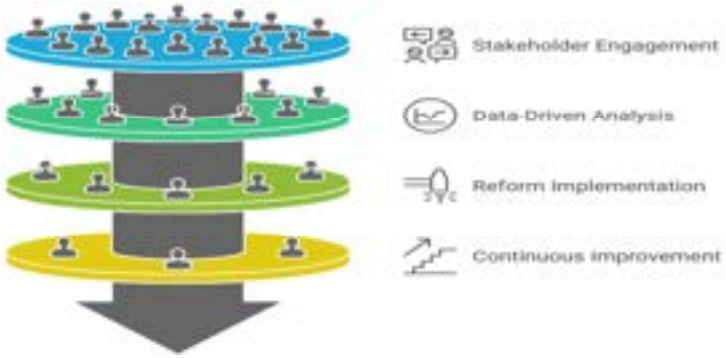
- Smart classrooms, modern teaching aids, research farms, and lab equipment.
- Hands-on training with germplasm maintenance, aquatic plants, and protected cultivation.

2.4 Teacher Profile and Quality



- Faculty strength: 7 faculty members (4 Professors, 1 Associate Professors and 2 Assistant Professors) with Ph.D. specialization in Fruit & Vegetable Science.
- Faculty members involved in academic bodies, BoS, and as evaluators/examiners in other universities.

2.5 Evaluation Process and Reforms



- Research-oriented continuous assessment through thesis, *viva voce* and practical's.

2.6 Student Performance and Learning Outcomes



- Civil services selections (BPSC: 13, UPPSC: 3, RPSC: 3).
- Placements in teaching, government jobs, and private companies.

2.7 Student Satisfaction Survey

- Periodical student teacher meeting has been organized along with alumni meeting where students' responses recorded and possible solution where discussed

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Research farms, new fruit germplasm block, greenhouses, micro-irrigation systems.
- Lab equipment (spectrophotometer, centrifuge, rotary evaporator, etc.).

3.2 Resource Mobilization for Research



- Departmental crop produced have been sold for university income generation.
- Necessary chemicals and farm implements are provided to the students for their research and practical classes.
- Departmental students are engaged in research farm development like cleaning, training, pruning etc.

3.3 Innovation Ecosystem

- Protected cultivation, biodiversity conservation parks, and vertical hydroponics research.

3.4 Research Publications and Awards



- Multiple research papers (75), books (6), book chapters (32), and magazine articles (22) published by faculty (2024–25).
- National & international conference presentations. National- 9, International -10
- Awards: Research and Academic Excellence Award from BBAU (Dr. Sutanu Maji) H.B. Singh Award (Dr. R.S. Verma), Young Women Scientist Award (Dr. Rubee Lata).

3.5 Consultancy

- Nil.

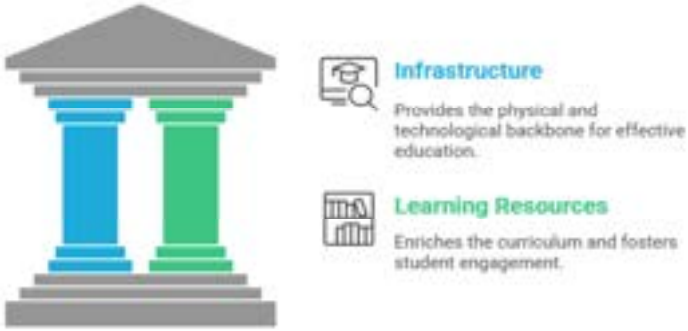
3.6 Extension Activities

- Plantation programs across campus.
- Development of greenery, biodiversity conservation.

3.7 Collaboration

- Nil formal MoU's.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, research laboratories, farm facilities.
- New orchard of exotic and indigenous fruit crops, fruit Botanical Garden (20 acres), Biodiversity Conservation Park (10 acres).

4.2 Library as a Learning Resource

- One departmental library is being maintained for the student of the department where student can study or issue books, magazine thesis etc.)

4.3 IT Infrastructure

- Smart classroom facilities, use of ICT tools in teaching.

4.4 Maintenance of Campus Infrastructure

- Greenery and plantation programmes undertaken.

5. Student Support and Progression



5.1 Student Support

- Vocational and skill development-based courses for employability.

5.2 Student Progression

- Graduates pursuing civil services, higher education, research, teaching, and private jobs.

5.3 Student Participation and Activities

- Co-curricular: Germplasm maintenance, hi-tech horticulture projects.
- Extra-curricular: Plantation and campus greenery development.

5.4 Alumni Engagement

- Limited mention; some faculty are alumni of BBAU.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Leadership roles in School Boards, BoS, and Research Committees held by faculty.

6.2 Strategy Development and Deployment

- Focus on integrating vocational and skill-based education.

6.3 Faculty Empowerment Strategies

- Faculty engaged in national academic bodies, editorial boards, and policy roles.

6.4 Financial Management and Resource Mobilization

- Not explicitly documented (Gap).

6.5 Internal Quality Assurance System

- Departmental NAAC committee constituted under Prof. M.L. Meena.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Development of biodiversity parks and greenery for ecological sustainability.

7.2 Best Practices

- Hi-tech horticulture (protected cultivation, hydroponics).
- Integration of skill-based vocational training.

7.3 Institutional Distinctiveness

- Only department in the university offering **B.Voc. in Floriculture and Landscape Gardening**.
- Strong civil services selections by students.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Sanjay Kumar**
  Senior Professor
  Specialization: All branches of Horticulture especially in Vegetable Science
  Qualifications: M.Sc. (Ag.) Horticulture & Ph.D. Horticulture, NET-Horticulture &Vegetable Science

- **Prof. Deepa H. Dwivedi**
  Specialization: Fruit Science (Pomology)
  Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

- **Prof. M. L. Meena**
  Head
  Specialization: Vegetable Science in Horticulture under Agricultural Sciences.
  Qualification: M.Sc. (Ag.), Ph.D. Horticulture, NET-ICAR (Horticulture in Vegetable Science)

- **Prof. G. C. Yadav**
  Specialization: Vegetable Science vegetable breeding.
  Qualification: M.Sc. (Ag.), Ph. DGPG, ICAR- NET (Plant Breeding)

- **Dr. Sutanu Maji**
  Associate Professor
  Specialization: Horticulture, Dragon fruit production and improvement, Biocontrol strategy through PGPR, NRM, Organic production
  Qualification: Ph. D. (Hort.), ICAR- ASRB NET (Horticulture- Fruit Science).

- **Dr. Ravi Shankar Verma**
  Assistant Professor
  Specialization: Fruit Science (Pomology)
  Qualifications: M.Sc. (Ag.), Ph.D. (Hort.) ICAR NET

- **Dr. Rubee Lata**
  Assistant Professor
  Specialization: Fruit Science, Landscaping and ornamental gardening, organic farming
  Qualifications: M.Sc. (Ag.) Horticulture & Ph.D. Horticulture, NET-Horticulture

8.2 Various Positions held in & out the Institution –

Prof. Sanjay Kumar

- Member of Board of Studies, Banaras Hindu University, Varanasi
- Member Academic Council, Mahatma Gandhi University of Horticulture & Forestry, Durg, Raipur

Prof. Deepa H. Dwivedi

- Member of Executive Committee, University of Allahabad, Allahabad
- Member of ICC, NIPER, Rae Bareli
- Member of ICC, RDSO, Lucknow
- Member of Board of PG studies, Department of Horticulture, CHF, Jhalarapatan, Jhalawar, Rajasthan
- Chairperson of School Board, SAST, BBAU, Lucknow
- Coordinator, Department of Skill and Vocational Studies, BBAU, Lucknow
- Professor-In-Charge, Gardening and Beautification, BBAU, Lucknow
- Member, Board of Post Graduate Studies, DoH, BBAU, Lucknow
- Member, Departmental Research Committee, DoH, BBAU, Lucknow
- Member, Board of Under Graduate Studies, DoH, BBAU, Lucknow
- Reviewer in Emergent Life Sciences Research an International Journal
- Reviewer in Philippine Journal of Science

Prof. M. L. Meena

- Chairperson of the Deptt. Research Committee
- Chairperson of Board of Studies of Horticulture
- Chairperson of Board of Under Graduate Studies for B.Voc
- Member of School Board, SB & BT
- Chairperson of Deptt. Purchase Committee
- Chairperson of Admission Committee
- Chairperson of Deptt. NAAC Committee

Prof. G. C. Yadav

- Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
- Member, Departmental Research Committee, Dept. of Horticulture, B.B.A.U., Lucknow
- Member, Board of Post-Graduate Studies, Dept. of Horticulture, B.B.A.U., Lucknow

- Member, Board of Under-Graduate Studies, Dept. of Horticulture, B.B.A.U., Lucknow
- Member, Admission Committee, Dept. of Horticulture, B. B. A. University, Lucknow
- Member, RDCU, Dept. of Horticulture B. B. A. University, Lucknow
- In-Charge, library Department of Horticulture,
- Routine charge of head of department of horticulture
- Member of board of studies DDU, University Garakhpur
- Member of board of studies SRM, University Barabanki

Dr. Sutanu Maji

- Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
- Member, Departmental Research Committee, Dept. of Horticulture, B.B.A.U., Lucknow
- Member, Board of Post-Graduate Studies, Dept. of Horticulture, B.B.A.U., Lucknow
- Member, Board of Under-Graduate Studies, Dept. of Horticulture, B.B.A.U., Lucknow
- Member, Admission Committee, Dept. of Horticulture, B. B. A. University, Lucknow
- Member, RDCU, Dept. of Horticulture B. B. A. University, Lucknow
- In-Charge, Ph. D. Laboratory and B Voc field Department of Horticulture, BBAU
- Administrative Warden, Siddhartha Boys Hostel, BBAU
- Life member of Crop and Weed Science Society BCKV
- Life member of Hi- Tech Horticulture Society, Meerut
- Life member of SVWS, Lucknow
- Life member of Biosciences and Agriculture Advancement Society, Uttar Pradesh
- Life member of International Society for Minor Fruits, Medicinal and Aromatic Plants
- Associate Editor. Journal of Crop and Weed. (P ISSN: 0974-6315; E ISSN: 2349 -9400),
- Panel reviewer Elsevier, Scientia Horticulturae, Journal of Soil Science and Plant Nutrition, International Journal of Science, Technology & Society, International Journal of Minor Fruits, Medicinal and Aromatic Plants
- Paper setter and evaluator of NTA,various state and central institutes.

Dr. Ravi Shankar Verma

- Warden, Kanishka Boy's Hostel, BBAU
- In-charge, Sanitation Section, BBAU
- In-charge, Botanical Garden, BBAU
- In-charge, Deen Dayal Upadhaya Smriti Upwan, BBAU
- Member, Garden and Beautification Committee, BBAU
- Member and Convenor, Proctorial Board, BBAU
- Member and Convenor, Botanical Garden Committee, BBAU
- Member, OBC cell, BBAU, Lucknow
- Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
- Member, Departmental Research Committee, B.B.A.U., Lucknow
- Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
- Member, Admission Committee, B. B. A. University, Lucknow
- Member, RDCU, B.B.A.University, Lucknow
- Member of Department council.
- Member of Admission committee of Department for UG and PG.
- Member of Department Purchase Committee

Dr. Rubee Lata

- Warden, Sanghmitra Girls Hostel, B.B.A.U., Lucknow
- Coordinator, Department of Skill and Vocational Studies, BBAU, Lucknow
- Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
- Member, Departmental Research Committee, B.B.A.U., Lucknow
- Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
- Member, Admission Committee, B.B.A. University, Lucknow
- Member, RDCU, B.B.A. University, Lucknow
- Member and Convener of Board of Under Graduate Studies for B.Voc. (FLG).
- Member of Department council.
- Member of Admission committee of Department for UG and PG.
- Member of Department Purchase Committee
- Member of Sanitation Committee of NAAC Reforms 2024 Regional Consultative Workshop- Northern Region.
- The Horticultural Society of India (HSI), New Delhi
- Asian Biological Research Foundation- Prayagraj, (India) since December, 2019.
- Life membership of Indian Society of Horticulture Research and Development (ISHRD), Almora. Uttarakhand.
- Life member of BBAU Alumni Association since 15th July, 2021
- Reviewer of Asian Journal of Soil Science and Plant Nutrition.

8.3 Research Publications

8.3.1 Research Articles

Prof. Sanjay Kumar

- V. K. Sonkar, S. Kumar, Anushruti, S. Yadav, L. Kumar, D. S. Mitra, D. K. Meena, S. K. Rawat and R.K. Pal, "Effect of foliar spray of micro-nutrients on fruit yield and quality of guava (Psidium guajava L.) cv. Lalit", International Journal of Advanced Biochemistry Research vol.8, no. 10, pp. 432-436, 2024.
- Anushruti, S. Kumar, V. K. Sonkar, S. Yadav, L. Kumar, S.K. Rawat, D. K. Meena, D. S. Mitra and R. K. Pal "Effect of different planting dates and spacing on yield and its attributing characters of cabbage (Brassica oleracea var. capitata L.)", International Journal of Advanced Biochemistry Research vol.8, no.10, pp. 437-441, 2024
- Anushruti, S. Kumar, R. Abha, V. K. Sonkar, D. S. Mitra and D. K. Meena "Root-knot nematode management in vegetable crops: A Review.", Plant Archives vol.24, no2, pp 613-620,2024.
- Anushruti, S. Kumar, V. K. Sonkar, S. Yadav, L. Kumar, D. S. Mitra, D. K. Meena, R. K. Pal, and S. K. Rawat "Effect of Different Planting Dates and Spacing on Growth Parameters of Cabbage (Brassica Oleracea var. capitata L.)", Journal of Advances in Biology & Biotechnology vol. 27, no.11, pp 81-89, 2024.
- V. K. Sonkar, S. Kumar, Anushruti, U. Shukla, S. Yadav, D. K. Meena, S. K. Rawat and R. K. Pal"Effect of Foliar Spray of Micro -Nutrients on Fruit Growth and Yield of Guava (Psidium guajava L.) cv. Lalit", Journal of Advances in Biology & Biotechnology vol. 27, no.11, pp 90-98, 2024.
- S. Meena, S. Kumar, R. K. Meena, R. Meena, N. Diwakar& K. Meena "Effect of foliar spray of micronutrients and plant growth regulators on yield and quality attributes of guava (Psidium guajava L.) cv. L-49", Plant Archives vol.24, no. 1, 2024.
- S. Meena, S. Kumar, R. K. Meena, N. Divaker, K. Meena and R. Meena "Impact of foliar spray of micronutrients and plant growth regulators on growth and yield of Guava (Psidium guajava L.) cv. L- 49", International Journal of Environment, Agriculture and Biotechnology vol. 9, no.6, pp 36-39, 2024.

- V. Kumar, S. Kumar, S. Yadav, Vipin, S. Kumar and N. k. Prajapati "Estimation of genetic variability, heritability and genetic advance for yield and their attributes traits in Tomato (Solanum lycopersicum L.)", Plant Archives vol.24, no.2, pp 2261-2264, 2024.
- S. Saini, S. Kumar, S. Yadav, K. Jat, U. Singh and N. Yadav "Effect of Bio-fertilizers on growth attributes of Broccoli (Brassica oleracea var. italica L.)", International Journal of Plant & Soil Science vol. 36, no.12, pp 367-372,2024.
- N. K. Prajapati1, R.C. Meena2, Anjali3, B. Swain4, S. Kumar "Hilly Vegetables: Issues, Conservation and Promotion" International Journal of Research Studies on Environment, Earth and Allied Sciences vol.1, no.1, pp 21-26, 2024
- G. Watke, S. Kumar, N. K. Prajapati and B. Swain "Response of Inorganic Fertilizer and Biofertilizers on Growth, Yield and Quality of Garden Pea (Pisum sativum var. hortense L.) cv. Arka Ajit", Biochemical and Cellular Archives vol.24, no. Suppl.1, pp 3757-3761,2024.
- N. K.Prajapati, M. Kumari, B. Swain, D.K. Meena, S. Kumar "Contract Farming of Vegetable Production: Economic Benefits and Challenge" "International Journal of Research Studies on Environment, Earth, and Allied Science vol. 1 no. 1 pp 5-12,2024.
- N.K. Prajapati, Anjali, R.C. Meena, Razauddin, P. Kumar, K. Chand, P. Kumar and S. Kumar "Cabbage breeding tools for biotic and abioticresistance", Romanian Journal Horticulture Vol. V, 2024.
- V. Kumar, S. Kumar, V., R. Kumar, A. Yadav, S. Luthra, R. Rajbhar, C. P. Tiwari and L. Prasad "Determination of Yield Parameters and Quality Traits of Tomato (Solanum lycopersicum L.) Genotypes", Journal of Advances in Biology & Biotechnology Vol., no.2, pp 171-178, 2024
- M. Kumari, S. Kumar, S. Yadav, L. Kumar, J. Aswani, K. K. Bairwa and N. K. Prajapat "Response of integrated nutrient management on Growth and yield of radish (Raphanus sativus L.) cv. Kashi Sweta", International Journal of Research in Agronomy vol. 8 no. 2 pp154-158, 2025.
- D. K. Meena, S. Kumar, V. S. Meena, V. K. Sonkar, D. S. Mitra, Rishabh, S. K. Rawat and N. K. Prajapati "Anthocyanins in Purple Cauliflower: Genetic Mechanism, Biosynthesis and Health Benefits: A Review", Journal of Advances in Biology & Biotechnology vol. 28, no. 3 pp 562-578, 2025.
- V. Kumar, S. Kumar, S. Yadav, Vipin, S. Kumar and N. K. Prajapati "Genetic divergence for yield and yield attributes in tomato (Solanum lycopersicum L.)", Plant Archives vol. 25, no. 1 pp 1257-1264, 2025.
- Razauddin, S. Maji, S. Kumar, G. C. Yadav, R.C. Meena and S. Verma "The Efficacy of Nano Fertilizer on Yield and Physico-chemical Quality of Okra Fruit", Journal of Advances in Biology & Biotechnology vol. 28, no. 3, pp 967-981, 2025.
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8.3.2 Books / Edited Books

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G. C. Yadav

- A. Yadav and G. C. Yadav, "Text Book of Tuber crops" Kalyani Publishers New Delhi, pp. 215, ISBN: 9789355407474
- A. Yadav and G. C. Yadav, "Glimpses of Vegetable Science for Competitive Examinations" Daya Publishing House a division of Astral International Pvt. Ltd. New Delhi, pp.233, ISBN :978-93-5919-761-6(PB)

Dr. Sutanu Maji

- Sutanu Maji, Ankit Kumar Goyal, Rajmani Singh and Nirankar. "A Textbook on Production Technology of Vegetable Crops". ISBN- 13: 978-93-95745-16-1 (Paper Pack). Navi Publication.

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- S.S.Verma, R.S.Verma,R. Lata and S. Lata,"Propagation of Horticultural Crops", Vital Biotech Publication, 2025.

Dr. Rubee Lata

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8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Sanjay Kumar

- Book chapter titled "Vertical farming systems for urban vegetable production: An overview" by Niraj Kumar Prajapati, Anjali, Dinesh Kumar Meena, Sanjay Kumar, Jaswant Prajapati, Brijesh Patel and Joshitha P in the book titled "Green innovations: Modernizing Vegetable Cultivation" with ISBN: 9788197630859 in 2024 (page No. 185-218).
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- S. Swain and G. C. Yadav "Hydroponics technology for high value crop production". XVII Agriculture Science Congress on the theme 'Frontier Sciences and Technologies in Agriculture for a Developed India' held at GBPUAT Pantnagar, ASC2025/Abstract 1234, Sr. no. 81. pp.603, Feb., 20-22, 2025.
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- R. C. Meena, G. C. Yadav, G. C. and S. Maji, Sutanu, "Pyaz ki Kheti. Popular Article, Marudhar Krishi, ISSN, 2583-1410 pp 23-26, 2025

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- Razauddin, S. Maji, P. Kumar, A. Milan, I. Ali, "Transforming Lives Through Horticulture: A Vision for Sustainable Growth". New Era Agriculture Magazine, vol. 3, no. 2, pp. 114-117. 2024.
- Razauddin, S. Maji, P. Kumar and S. Poonia, "The Essence of Horticulture Science and Its Future Perspectives: Cultivating a Sustainable Future". The Agriculture Magazine, vol. 3, no. 11, pp. 313-315. 2024.
- Razauddin, S. Maji, V. Kumar, A. Milan and I. Ali, "Women in agriculture: The unsung heroes of food production". New Era Agriculture Magazine, vol. 3, no. 3, pp. 43-47. 2024.
- Razauddin, S. Maji, Vipin, A. Milan, I. Ali, "Rural livelihood through agri-horticulture: A cornerstone of sustainability". New Era Agriculture Magazine, vol. 3, no. 3, pp. 73-76, 2024.

- Razauddin, S. Maji, P. Kumar, A. Milan and I. Ali, "The processing industry: a catalyst for agricultural and horticultural growth". New Era Agriculture Magazine, vol. 3, no. 3, pp. 16-21, 2024.
- रमेश चंद मीणा, गुलाब चन्द यादव और सुतनु माजिण प्याज की खेती Marudhara Krishi. pp.23-26.2024.

Dr. Rubee Lata

- H.K. Maurya, R. Lata, D.S. Mitra and S. Sundar, "Precision agriculture: optimizing resources for higher yield and sustainability", Agri Articles (e-Magazine for Agricultural Articles), vol.4, no.6, pp.714-716, 2024.
- H. K. Maurya, R. Lata, S. Sundar, D.S. Mitra and D. K. Meena, "Common physiological disorders of cauliflower and their management", The Agriculture Magazine, vol.4, no.5, pp. 83-87, January, 2025.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures-

Prof. Sanjay Kumar

- Research Initiatives in Vegetable Crops presented at National Conference on Prospects and Challenges: Promoting Sustainable Farming Systems in Mountain Regions of Uttarakhand.
- Review on Biotechnological Keys for Pest Management in Protected Vegetable Cultivation in the 1st International Seminar on Biotechnology & Life Sciences: Collaborative Pathways to Sustainable Development, organized by the Department of Life Sciences, Sri Sathya Sai University for Human Excellence, Kalaburagi, Karnataka, during the period 8th - 9th November 2024.
- Ist International Conference on Innovations to Achieve Climate Resilent Smart Agriculture for Ensuring Global Food &Nutritional Security on Hi-tech Horticulture, Horticultural Innovations, Food processing and Value addition at ICAR-IISR, Lucknow during Nov 18-19, 2024.

Prof. Deepa H. Dwivedi

- Participation in NEP 2020 Orientation & Sensitization programme under Malaviya Mission Teacher Training Programme of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from 07.05.2024 to 16.05.2024.
- Guest Speaker in the National Symposium on Ensuring Quality in Health Science Institutions held on 27th July, 2024 at Kalam Centre, KGMU, Lucknow
- Invited lecture in the National Conference on Shashwat Shrishti Sanrakshan- Pledge for Protecting World Aginst Natural Hazards: Agro –Biotechnological Approach organized by ICAR- Central Agroforestry Research Institute, Jhansi, UP
- Certificate of appreciation acted as Chairperson in the progressive horticulture national symposium (PHNS-2024) on horticulture in the Himalayas during 17-19 october, 2024 at HNB Garhwal University, Srinagar (Garhwal), Uttarkhand, India.
- Lead Lecture on Apricot oil: A remunerative venture for Himalayas in the progressive horticulture national symposium (PHNS-2024) on horticulture in the Himalayas during 17-19 october, 2024 at HNB Garhwal University, Srinagar (Garhwal), Uttarkhand, India.
- Lead Lecture on Post Harvest & Value addition technologies in the progressive horticulture national symposium (PHNS-2024) on horticulture in the Himalayas during 17-19 October, 2024 at HNB Garhwal University, Srinagar (Garhwal), Uttarkhand, India.

- Participation in recognition of her outstanding dedication, commitment and contribution to the delopment and progress of the University on the Occasion of International Women's Day celebration on 8th March, 2025 in BBAU, Lucknow

Prof. G. C. Yadav

- Participated in XVII Agriculture Science Congress on the theme 'Frontier Sciences and Technologies in Agriculture for a Developed India' held at GBPUAT Pantnagar during Feb., 20-22, 2025
- Oral presentation on topic Unlocking the power of nanoparticles in vegetable crop innovation in XVII Agriculture Science Congress on the theme 'Frontier Sciences and Technologies in Agriculture for a Developed India' held at GBPUAT Pantnagar during Feb., 20-22, 2025.
- Worked as Judge of Pradeshik Phal –Shak Bhaji Evam Pushpa Pradarshini at Hon, ble Governor House, Lucknow, 2025

Dr. Sutanu Maji

- Participated and presented oral presenatation in 7th International Symposium on Minor Fruits, Medicinal & Aromatic Plants at Visva Bharati organized by International Society for Minor Fruits, Medicinal & Aromatic Plants and Bisva Bharati held on 22-23 November 2024.
- Invited lecture on "Dragon fruit cultivation in India: future scope" in the International Conference (DET-EAS) -2025 at SRM University, Sonepat held on 21-22 February 2025 organized by SRM University, Sonepat.
- Invited talk as resource person in one-week faculty development program (FDP) on "Climate Change & Its Impact on Agriculture" jointly organized by the Department of Environment Sciences & Department of Agriculture Science, SRM University Delhi-NCR, Sonepat, Haryana held on 5-11th August, 2024.

Dr. Rubee Lata

- Participated in 2nd International Agriculture Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agricultural Future" on November 3-5, 2024organized by Gujarat Natural Farming Science University, Halol; Indian Society of Genetics and Plant Breeding, New Delhi; ICAR-Indian Agricultural Research Institute, New Delhi; Indian Society of Agronomy, New Delhi; Hindustan Agricultural Research Welfare Society, Agra, Southern Federal University, Russia; Cambridge International Agricultural Organization, CIAO; IAgSc, Banaras Hindu University, Varanasi; CIMMYT-India, New Delhi; ICARDA-India, New Delhi; Hansraj College, Delhi University, New Delhi; and D. Y. Patil Agriculture and Technical University, Kolhapur held by Hybrid mode at Hansraj College, University of Delhi.
- Presented paper online on 'The nutritional powerhouse of neglected minor fruits'in International Conference on 'Futuristic Demands and Emerging Technologies in Environment and Agri-Food Science for Sustainable Solutions (DET-EAS-2025) organized by SRM University, Delhi-NCR, Sonepat during 21-22 February 2025.
- Presented paper online on 'Importance of underutilized vegetable crops for human health and nutritional security'in International Conference on 'Futuristic Demands and Emerging Technologies in Environment and Agri-Food Science for Sustainable Solutions (DET-EAS-2025) organized by SRM University, Delhi-NCR, Sonepat during 21-22 February 2025.
- Presented paper online on 'Dragon Fruit and Its Psychological Impact on Perception of Food'in International Conference on 'Futuristic Demands and Emerging Technologies in

Environment and Agri-Food Science for Sustainable Solutions (DET-EAS-2025) organized by SRM University, Delhi-NCR, Sonepat during 21-22 February 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision-

Prof. Sanjay Kumar

- Dinesh Kumar Meena enrolled for a Ph.D. with the thesis titled "Effect of foliar application of micronutrients on growth, yield, quality and economics in cauliflower (Brassica oleracea var. botrytis L.)"
- Diksha Sangh Mitra enrolled for a Ph.D. with the thesis titled "Studies on Combining Ability, Heterosis, Correlation and Path Coefficient in Brinjal (Solanum melongena L.)"
- Sunil Kumar Rawat enrolled for a Ph.D. with the thesis titled "Effect of different levels of phosphorus, gibberellic acid and picking on quality seed production in okra (Abelmoschus esculentus L. Moench)"
- Ratan Kumar Pal enrolled for a Ph.D. with the thesis titled "Studies on Line x Tester analysis for yield and its attributing traits in tomato (Solanum lycopersicum L.)"
- Niraj Kumar Prajapati enrolled for a Ph.D. with the thesis titled "Exploring the genetic architecture of yield and economic traits in cucumber (Cucumis sativus L.)."

Prof. Deepa H. Dwivedi

- Sudheer Kumar Yadav enrolled for a Ph.D. with the thesis titled "Nan encapsulation of organic fertilizers and its efficacy on spinach beet. ". (Beta vulgaris var. bengalensis Roxb) production
- Rajesh Kumar Meena enrolled for a Ph.D. with the thesis titled "Nano – fortification of fertilizers for efficient tomato (solanum lycopersicum L.) production
- Shyam Sundar enrolled for a Ph.D. with the thesis titled "optimization of spacing and nutritional regimes for quality production of water chestnut (Trapa natans var. bispinosa Roxb
- Shivangi Mishra enrolled for a Ph.D. with the thesis titled "Diversities on water chestnut (Trapa natans var. bispinosa Roxb) Germplasm of Lucknow division using phylognenetic analysis.
- Adtiya Kumar Maurya enrolled for a Ph.D. with the thesis titled "Mapping and acreage estimation of water chestnut (Trapa natans var. bispinosa Roxb) ponds in luck now division through spatial techniques.

Prof. M. L. Meena

- Ms Anjali enrolled for a Ph.D. with the thesis titled "Studies on hetorosis and combining ability for yield and quality traits in okra (Abelmoschus esculentus (L.) Moench)"
- Mr. Suraj paswan enrolled for a Ph.D. with the thesis titled "Studies on hetorosis and combining ability for yield improvement in sponge gourd (Luffa cylindrical (L.) Roem.)
- Mr. Pankaj Kumar enrolled for a Ph.D. with the thesis titled "Studies on genetic variability, correction and path analysis in onion (Allium cepa L.)

G. C. Yadav

- Mr Pradeep Kumar enrolled for a Ph.D. is working on heterosis breeding in okra
- Mr. Vikash Singh enrolled for a Ph.D. is working on heterosis breeding in brinjal,
- Mr. Anuj Tiwari enrolled for a Ph.D. will work on genetic architecture of tomato.
- Mr. Rehan Anjum enrolled for a Ph.D. will work on genetic studies in vegetable pea
- Mr. Dheeraj Kumar Saroj enrolled for a Ph.D. will work on heterosis breeding in okra

- Mr. Ramesh Kharwar enrolled for a Ph.D. is working on heterosis breeding in bitter gourd

Dr. Sutanu Maji

- Ramesh Chand Meena enrolled for a Ph.D. with the thesis titled "Efficacy of varieties and transplanting dates on kharif onion (Allium cepa L.) under Lucknow conditions ".
- Razauddin enrolled for a Ph.D. with the thesis titled "Effect of nano urea, titanium dioxide (TiO_2), and zinc oxide (ZnO) nanoparticles on the growth, yield and quality of okra [Abelmoschus esculentus (L.) Moench]".
- Ravikant enrolled for a Ph.D. with the thesis titled "Nutrient scheduling for optimum growth, flowering and fruiting in dragon fruit [Hylocereus costaricensis (Weber) Britton &Rose]".

Dr. Ravi Shankar Verma

- Mr. Saurabh Verma enrolled for a Ph.D. with the thesis titled “Studies on Effect of Integrated Nutrient Management in Dragon Fruit [Hylocereus polyrhizus (Britton and Rose)]”
- Mr. Bipin Kumar enrolled for a Ph.D. with the thesis titled “Studies on genetic variability in strawberry (Fragaria x ananassa Duch.) under Lucknow region.

Dr. Rubee Lata

- Ms. Usha Shukla enrolled for a Ph.D. with the thesis titled “Studies on genetic variability in wood apple (Feronia limonia L.) genotypes under Awadh region of Uttar Pradesh”.
- Mr. Brajendra Kumar Pushkar enrolled for a Ph.D. with the thesis titled “Effect of plant growth regulators on rooting of micro cuttings of acid lime (Citrus aurantifolia Swingle)”

  Mr. Hareesh Kumar Maurya enrolled for a Ph.D. with the thesis titled “Studies on heterosis, combining ability and gene action for quantitative traits in tomato (Solanum Lycopersicon L.)”.

8.3.5.2 Ph.D. Awarded-

Prof. Sanjay Kumar

- Ph. D awarded to Anushruti on the thesis titled “Effect of Different Planting Dates and Plant Spacings on Growth, Yield and Quality of Cabbage (Brassica oleracea var. capitata L.)”
- Ph. D awarded to Vikas Kumar Sonkar on the thesis titled “Effect of foliar spray of micro-nutrients on fruit growth, yield and quality of guava (Psidium guajava L.) cv. LALIT”

Prof. Deepa H. Dwivedi

- Ph. D awarded to Sudheer Kumar Yadav with the thesis titled “Nan encapsulation of organic fertilizers and its efficacy on spinach beet. “. (Beta vulgaris var. bengalensis Roxb) production

Prof. M. L. Meena

- Ph.D. awarded to Ms Ruchika Abha on the thesis titled “Genetic variability, correlation path analysis in cowpea (Vignaungiculata (L.) Walp.)”
- Ph.D. awarded to Mr Abhishek Kr. Tiwari on the thesis titled “Effect of integrated nutrient management on growth, yield and quality of onion (Allium cepa L.) cv.Pusa Shobha”

Dr. Sutanu Maji

- Ph. D awarded to Maya Ram on the thesis titled "Studies on off-season production of onion (Allium cepa L.) cv. Agri found Dark Red" in 2025

Dr. Ravi Shankar Verma

- Ph.D. awarded to Ms Dharmraj Meena on the thesis titled "Effect of Integrated Nutrient Management on Growth, Yield and Quality of Radish (Raphanus sativus L.) Cultivars"

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements-

Prof. Sanjay Kumar

- Outstanding Achiever Award by Babasaheb Bhimrao Ambedkar University, Lucknow on 26th January 2024.

Prof. Deepa H. Dwivedi

- Rajesh Kumar Meena, Deepa H. Dwivedi and Indresh Kumar (2024). Green Synthesis of silver nanoparticles using yellow oleander (Thevetia peruvianan (Pers.) K. Schum) stem extract for agricultural applications from the office of Controller General of Patents, Design and Trade Marks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India.

Dr. Sutanu Maji

- Recipient of Research and Academic Excellence Award from BBAU in the field of Life Sciences
- Applied for patent (No.- 202411001303)

Dr. Ravi Shankar Verma

- Dr. H.B. Singh Award (Horticulture)

Dr. Rubee Lata

- Awarded with 'Young Women Scientist Award'on the occasion of 2nd International Agriculture Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agricultural Future" on November 3-5, 2024 organized by Gujarat Natural Farming Science University, Halol; Indian Society of Genetics and Plant Breeding, New Delhi; ICAR-Indian Agricultural Research Institute, New Delhi; Indian Society of Agronomy, New Delhi held by Hybrid mode at Hansraj College, University of Delhi.

Prof. Sanjay Kumar

- Number of students completed their Master/Graduation/Diploma -06
- Number of students selected in civil services (UPSC/UPPSC). -00
- Details of students selected for teaching in higher education. -00
- No. of students pursuing higher studies. -03
- Number of students selected on other government jobs/banking/school teaching etc.-01
- Number of students awarded SLET/NET/JRF/any other fellowship -

Prof. Deepa H. Dwivedi

- Number of students completed their Master/Graduation/Diploma -04

- Number of students selected in civil services (UPSC/UPPSC). -
- Details of students selected for teaching in higher education. -
- No. of students pursuing higher studies. -
- Number of students selected on other government jobs/banking/school teaching etc -01
- Number of students awarded SLET/NET/JRF/any other fellowship -

Prof. M. L. Meena

- Number of students completed their Master/Graduation/Diploma -06
- Number of students selected in civil services (UPSC/UPPSC). -01
- Details of students selected for teaching in higher education. -01
- No. of students pursuing higher studies. - 04
- Number of students selected on other government jobs/banking/school teaching etc. - 01
- Number of students awarded SLET/NET/JRF/any other fellowship -01

Prof. G.C. Yadav

- Number of students completed their Master/Graduation/Diploma -04
- No. of students pursuing higher studies. - 07
- Number of students selected on other government jobs/banking/school teaching etc.-1

Dr. Sutanu Maji

- Number of students completed their Master/Graduation/Diploma -08
- Number of students selected in civil services (UPSC/UPPSC). -04
- Details of students selected for teaching in higher education. -01
- No. of students pursuing higher studies. - 04
- Number of students selected on other government jobs/banking/school teaching etc. - 02
- Number of students awarded SLET/NET/JRF/any other fellowship -03

Dr. Ravi Shankar Verma

- Number of students completed their Master/Graduation/Diploma -06
- Number of students selected in civil services (UPSC/UPPSC). -01
- Details of students selected for teaching in higher education. -01
- No. of students pursuing higher studies. - 04
- Number of students selected on other government jobs/banking/school teaching etc. - 01
- Number of students awarded SLET/NET/JRF/any other fellowship -01

Dr. Rubee Lata

- Number of students completed their Master/Graduation/Diploma -06
- Number of students selected in civil services (UPSC/UPPSC). -02
- Details of students selected for teaching in higher education. -Nil
- No. of students pursuing higher studies. -01
- Number of students selected on other government jobs/banking/school teaching etc. - 01
- Number of students awarded SLET/NET/JRF/any other fellowship -01

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	17
2.	Total number of journal publications by Department (International)	58
3.	Total number of publications in conference proceedings	3
4.	Total number of workshops/conferences/seminars/etc organized by Department	
5.	Total number of PhD degree awarded by Department	6
6.	Total number of PG students	39
7.	Total number of UG students	
8.	Total number of diploma/certificates students (if any)	
9.	Total number of students placed	12
10	Total number of Award and Medals	4
11	Total number of Patents/copyright filed/granted	2
12	Total number of sponsored research project sanctioned	
13	Total number of consultancy projects sanctioned	
14	Total number of MOOCs courses developed	
15	Total number of MOOCs courses completed by students	
16	Total number of students qualifying National level examinations	6
17	Total number of total number of students opted for higher studies	23

Ambedkar School of Social Sciences

The Ambedkar School of Social Sciences (ASSS) started its academic programmes during the year 1998. The School first started with the Departments of Economies and History and added three new departments and a Centre in 2008. Later on, the Department of Public Administration also started in 2015. Thus, the school currently has five post-graduate departments and one Centre. It includes Department of Economics, Department of History, Department of Sociology, Department of Political Science, Department of Public Administration and Centre for the Study of Social Inclusion (CSSI). The School offers U.G., P.G. and Ph.D. Programmes and has an inter-disciplinary orientation. The School is a noted centre of excellence in post-graduate teaching and research in social science. It has a vibrant academic environment which is reflected in its teaching research, and other activities such as special lectures, seminars and workshops on issues of great contemporary significance.

Department of Economics

About the Department

The Department of Economics was established in 2000 to provide quality education and training through advanced methods of learning and engaging students and faculties with meaningful research. It aims to be an institute of academic excellence in teaching & research in applied and contemporary economic issues. The department currently runs **M.A., M.Sc., and Ph.D. programmes** in Economics. It has well-qualified faculty members with national and international exposure in teaching and research. The department frequently updates its syllabus to meet the changing needs of students and society.

Strengths

- Qualified and research-oriented faculty members.
- Strong research output (books, chapters, journals).
- Well-equipped infrastructure (ICT, documentation centre, lab).
- Organization of international and national seminars/conferences.
- Active student participation in academic and research activities.

Next Year Plan (2025-26)



Curriculum and Teaching

- Introduce skill-based certificate/diploma courses in applied economics.
- Develop MOOCs and e-content for blended learning.

Research and Publications

- Sign MoUs with national and international institutions for collaborative research.
- Encourage faculty and students for Scopus/UGC Care publications.

Student Support and Progression

- Strengthen mentoring system for NET/JRF and civil services.
- Establish endowment scholarships with alumni support.

Extension and Outreach

- Organize at least 2 international and 3 national conferences/seminars.
- Enhance consultancy services to government and private organizations.

Infrastructure Development

- Expand ICT facilities and upgrade computer lab with advanced software.
- Develop departmental research resource centre with digital access.

Alumni and Networking

- Strengthen alumni engagement through structured annual meets.
- Create alumni-funded research and student support initiatives.

1. Curriculum Aspects

1.1 Curriculum Design and Development



- Syllabi regularly updated to meet emerging demands in economics and policy.
- Programmes offered:
  - M.A. Economics
  - M.Sc. Economics
  - Ph.D. Economics

1.2 Curricular Planning and Implementation

- Courses designed with advanced methods such as econometrics, environmental economics, quantitative techniques.
- Faculty involved in curriculum committees (BPGS, DRC, BUGS).

1.3 Academic Flexibility



- Offers choice-based curriculum in postgraduate programmes.
- Research scholars guided in interdisciplinary topics (environment, gender economics, public policy, climate change, etc.).

1.4 Curriculum Enrichment



- Integration of ICT through smart classrooms.
- Use of statistical software (STATA, SPSS).
- Departmental seminars and workshops enrich curriculum delivery.

1.5 Feedback System

- Structured mechanism for feedback exists through departmental committees.
- Faculty members actively involved in feedback and quality assurance (IQAC, feedback committee).

2. Teaching–Learning and Evaluation



2.1 Student Enrolment and Profile



- PG students: M.A. (34), M.Sc. (17).
- Ph.D. Scholars (active and awarded): 42+ (7 awarded between 2024–25).

2.2 Catering to Student Diversity



- Students from diverse states and social backgrounds.
- Remedial classes and mentoring by faculty.

2.3 Teaching-Learning Process



- Blended teaching with ICT tools.
- Smart classrooms and personalized guidance through seminars, projects.

2.4 Teacher Profile and Quality



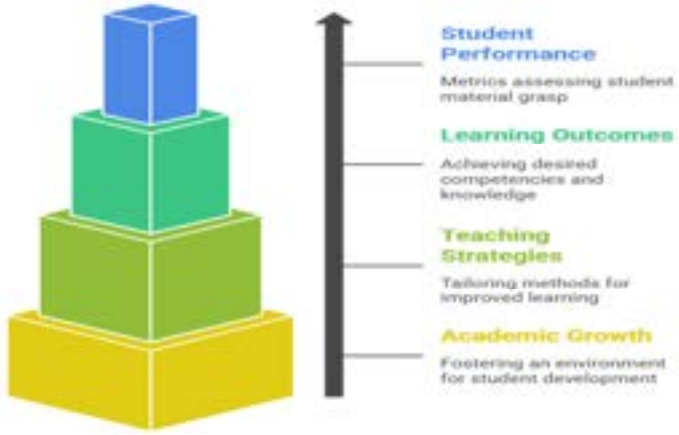
- Faculty: 7 core members (Professors, Associate, Assistant Professors) with Ph.D. and research specialization.
- International exposure through conferences and collaborations.

2.5 Evaluation Process and Reforms



- Internal tests, assignments, viva-voce, presentations.
- Continuous evaluation for Ph.D. scholars (RDC, progress reports).

2.6 Student Performance and Learning Outcomes



- 7 Ph.D.s awarded during 2024–25.
- Students cleared UGC-NET/JRF, entered teaching and research.
- Several pursuing higher studies and employed in academic/other sectors.

2.7 Student Satisfaction Survey

- Department IQAC collects structured feedback on teaching quality, curriculum, and facilities.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Well-developed computer lab with STATA, SPSS.
- Documentation centre with journals, books, e-resources.

3.2 Resource Mobilization for Research

- Faculty engaged in funded research projects and collaborations (ICSSR workshops, CBPs).

3.3 Innovation Ecosystem

- Interdisciplinary research in climate change, gender economics, environmental and agricultural economics.

3.4 Research Publications and Awards



- Faculty published in reputed journals (Springer, Elsevier, Routledge).
- Books authored and edited by faculty members.
- Several chapters in edited volumes.

3.5 Consultancy

- Faculty provide consultancy (paid and unpaid) to government and academic institutions.

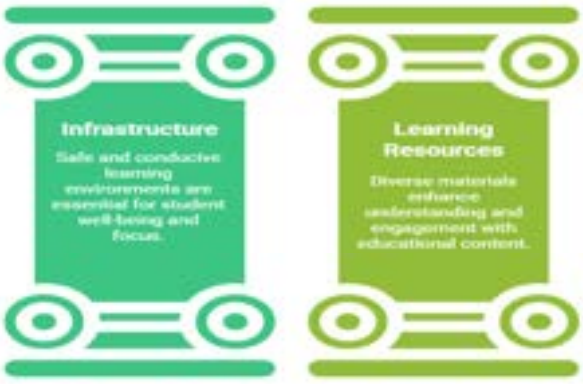
3.6 Extension Activities

- Faculty involved in NSS, alumni activities, women's cell, anti-ragging, extracurricular coordination.

3.7 Collaboration

- Collaborations through conferences/seminars with UPUEA, ICSSR, national universities.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, seminar halls.
- Faculty chambers with ICT facilities.

4.2 Library as a Learning Resource

- Departmental documentation centre with books, journals, e-resources.

4.3 IT Infrastructure

- Departmental computer centre with statistical software and internet.

4.4 Maintenance of Campus Infrastructure

- Facilities regularly maintained by university's central administration.

5. Student Support and Progression



5.1 Student Support

- Mentoring system.
- Faculty guidance for NET/JRF preparation.

5.2 Student Progression

- Several students pursuing higher studies, teaching, and competitive exams.
- 6 students employed in higher education.

5.3 Student Participation and Activities

- Students engaged in departmental seminars, workshops.
- Participation in NSS and academic events.

5.4 Alumni Engagement

- Alumni Cell actively coordinated.
- Alumni contribute to academic interactions and mentoring.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Department vision: excellence in teaching, research, and extension in applied economics.

6.2 Strategy Development and Deployment

- Annual departmental planning of activities (seminars, workshops, conferences).

6.3 Faculty Empowerment Strategies

- Faculty deputed to CBPs, FDPs, refresher courses.
- Opportunities for research collaborations.

6.4 Financial Management and Resource Mobilization

- Research funding through ICSSR and external agencies.

6.5 Internal Quality Assurance System

- Department IQAC coordinator ensures continuous improvement.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Faculty participation in NSS, women's cell, grievance redressal, and social outreach.

7.2 Best Practices

- Integration of climate change and sustainable development issues into research.
- Use of ICT and statistical software in teaching-learning.

7.3 Institutional Distinctiveness

- Strong research profile in environmental economics, climate change, labour studies.
- Faculty members with significant research citations and editorial roles in reputed journals.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Sanatan Nayak**
  Professor & Head, Economic
  Specialization: Environmental Economics, Econometrics, Computer Applications in Economics, Agricultural Economics,
  Qualification: M.A., M.Phil., Ph.D. M.Sc. (Ecology & Environment

- **Prof. N M P Verma (Retd. in 31st December 2024)**
  Senior Professor, Economics
  Specialization: Development Economics, Macro Economics
  Qualification: M.A., Ph.D.

- **Prof. L C Mallaiah (Leave)**
  Professor, Economics,
  Specialization: Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination, Industrial Economics,
  Qualification: M.A. M. Phil., Ph.D.

- **Prof. D K Yadav,**
  Professor, Economics,
  Specialization: Monetary Economics, Econometrics Mathematical Economics, Statistics, Public Economics,
  Qualification: M.A., Ph.D.

- **Dr. Surendra Meher,**
  Associate Professor, Economics,

Specialization: Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics,
Qualification: M.A., M.Phil. & Ph.D.

- **Dr. Pranav Kumar Anand,**
  Assistant Professor, Economics,
  Specialization: Agricultural Economics, Economics of Growth and Development, Quantization Methods, Public Economics & Indian Economy,
  Qualification: M.A., M.Phil. & Ph.D.

- **Dr. Surendra Singh Jatav,**
  Assistant Professor, Economics
  Specialization: Economics of Climate Change, Environmental Economics, Microeconomics, Statistics, Agricultural Economics, Development Economics,
  Qualification: M.A., M.Phil. & Ph.D.

8.2 Various Positions held in & out the Institution –

Prof. N M P Verma

- Worked as Head, Dept. of Economics 30th December, 2024 to 12, May, 2024.

Prof. Sanatan Nayak

- Worked as Head, Dept. of Economics 13st May 2024 to till date.
- Chairman, OBC Cell.
- Member in Budget Committee, BBAU

Dr. Pranav Kumar Anand

- Programme Officer, NSS, BBAU; from 01-02-2022

Dr. Surendra Meher

- Member, DRC, DE, BBAU Lucknow
- Member, BPGS, DE, BBAU, Lucknow

Dr. Surednra Singh Jatav

- Member Placement Cell, BBAU, Lucknow (since, 2021)
- Coordinator, IQAC, DE, BBAU, Lucknow (since, 08.08.2022)
- Member BUGS, Department of Commerce, BBAU, Lucknow (since, 2022)
- Coordinator, Alumina Cell, BBAU, Lucknow (since, 2022)
- Member, Feedback Mechanism Committee, DE, BBAU, Lucknow (since, 21.06.2022)
- Convenor, Alumni Cell, DE, BBAU, Lucknow (since, 21.06.2022)
- Member, Women Cell, DE, BBAU, Lucknow (since 21.06.2022)
- Member, Redressal of Grievance Cell, DE, BBAU, Lucknow (since, 21.06.2022)
- Convenor, Extra Curricular Activity, DE, BBAU, Lucknow (since, 21.06.2022)
- Placement Cell, DE, BBAU, Lucknow (since, 21.06.2022)
- k. Convenor, Anti Ragging Cell, DE, BBAU, Lucknow (since, 21.06.2022)
- Member, Internship Cell, DE, BBAU, Lucknow (since, 21.06.2022)
- Warden, Ashoka Boys Hostel, BBAU, Lucknow (since, 05.01.2023)
- Member BUGS, Department of Agricultural Sciences, AMU, Aligarh.
- Member BUGS, Department of Agricultural Sciences, Kerala Agriculture University.
- Associate Editor, Frontiers of Sustainable Food Systems

- Assistant Editor, Discover Sustainability
- Associate Editor in SN Business & Economics (Springer Nature)
- Reviewer, Ecological Indicators (Elsevier)
- Reviewer, Environment Development and Sustainability (Springer Nature)
- Reviewer, Climate Risk Management (Elsevier)
- Reviewer, Natural Hazards (Springer Nature)

8.3 Research Publications

8.3.1 Research Articles

Prof. Sanatan Nayak

- Pushpendra, K. Singh, S. Nayak and N. Linda "Multidimensional Poverty in BASIC Countries: A Comparative Analysis of Challenges and Strategies", Empirical Economics Letters, Vol. 23, No. 2, pp. 273-288, 2024.
- Surendra S. Jatav, K. Naik and S. Nayak "Assessing adaptive capacity to climate change of farmers in Gangetic Plains region, India" Discover Agriculture, Vol. 2, pp. 1-14, Nov. 2024.
- Ekta S. and S. Nayak "Examining relative significance of socio-demographic factors vis-à-vis income in context of urban household emissions in India: Case from Lucknow city", Journal of Technology, Vol. 12, No. 9, pp. 743-763, Sept. 2024.
- Surendra, S. Jatav, N. Bharati and S. Nayak "Impact of River Water Pollution on Rice and Wheat Productivity: A Case Study in Maharajganj District, India" Agricultural Science Digest, Vol. 45, No. 5, pp. 1-7, Septe. 2024

Prof. D.K. Yadav

- Devendra, K. Yadav, Saleha, J. Ansari, P. Kumar and A. Nawabi "Linkage between Financial Development and Economic Development: Evidences from Six Geographical Regions of India", European Economic Letters, Vol. 15, No. 2, pp. 857-872, 2025.

Dr. Surendra Meher

- S. Meher "Analysing the Returns and Investment of Market Participants for Paddy Crop in Uttar Pradesh State", UPUEA Economic Journal, Vol. 19 (D), No. 4, pp. 410-415, April 2024.
- S. Meher "Recent Trends of Employment Pattern in Informal Sector in India", UPUEA Economic Journal, Vol. 19, No. 4, pp. 195-202, April 2024.
- S. Meher "Pre- and Post-COVID-19 Impact on the Tourism Industry in Kashmir and Ladakh (, Journal of Social Responsibility", Tourism and Hospitality, Vol.4, No.4, pp. 24-39, June-July, 2024.
- S. Meher "Theoretical and Conceptual Evolution of Unpaid Work: Review and Comments", Madhya Pradesh Journal of Social Sciences, Vol. 29, No. 2, pp 1-15, December 2024.

Dr. Surendra Singh Jatav

- Rajkumar, S. Boopathi, & Surednra S. Jatav "Empowerment of Fisherwomen through Self-Help Groups: A Multidimensional Impact Assessment in Thoothukudi, Tamil Nadu, India", Indian Journal of Extension Education, Vol. 60, No. 4, pp. 47-52, 2024.
- Surendra, S. Jatav "Impact of COVID-19 on Livelihoods of Slum Households in Agra City, India", Journal of Chemical Health Risks, Vol. 14, NO. 2, pp. 1-5, 2024.
- Surendra S. Jatav, N., Bharati. and S. Nayak "Impact of River Water Pollution on Rice and Wheat Productivity: A Case Study in Maharajganj District, India", Agricultural Science Digest, Vol. 44, No. 4, pp. 1-7, 2024.

- Surendra, S. Jatav "Factors Affecting Adoption of Climate-smart Agriculture Practices: Evidence from Uttar Pradesh, India", Indian Journal of Extension Education, Vol. 60, No. 2, pp. 27-32, 2024.
- Surendra, S. Jatav "Livelihood Diversification and Rural Household Economic Security in Uttar Pradesh, India", Indian Journal of Extension Education, Vol. 60, NO. 3, pp. 7-11, 2024.
- Surendra, S. Jatav "Measuring Adaptive Capacity of Indian Agriculture to Climate Change: An Application of Indicator Approach", NIDM Journal: Disaster and Development, Vol. 13, No. 1, pp. 1-21, 2024
- Surendra, S. Jatav, K. Naik and S. Nayak "Assessing Adaptive Capacity to Climate Change of Farmers in Gangetic Plains Region, India", Discover Agriculture, Vol. 5, No. 3, pp. 1-17, 2024.
- Bharne, S., Pushpender, Y. and Surendra S. Jatav "Effect of Crop Insurance and Employment Support on Agricultural Households' Well-being: Evidence from India" Indian Journal of Extension Education, Vol. 61, No. 1, pp. 66-72, 2025.
- Surendra S. Jatav, and P. Singh "Tracking Trends of Multidimensional Poverty in Different Mainstream Agro-climatic Regions in India: A Geo-spatial Analysis" Indian Journal of Human Development, 2025.

8.3.2 Books / Edited Books

Dr. Surendra Meher

- "An Economic Analysis of Small-Scale Industries in Jammu and Kashmir", (Co-authored with Suhail Ahmad bhat and Shambhavi Singh), published by String Production, April 2024 ISBN 978-93-6048-262-6

Prof. D K Yadav

- Book entitled Financial Resilience and Environmental Sustainability: Global South Perspectives, Published by Springer in 2025, ISBN: 978-981-96-4268-7, http://doi.org/10.1007/978-981-96-4269-4

Dr. Surendra Singh Jatav

- Jatav, S.S. and Md. Awais (2024). Basics of Statistics, Rajesh Publications, New Delhi.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. D K Yadav

- Chapter entitled "A Study on Financial Inclusion, Financial Resilience in India Pre and Post Covid-19: A Multi-Dimensional Approach", Published in Book entitled "Financial Resilience and Environment Sustainability: Global South Perspective", by Springer, ISBN: 978-981-96-4268-7, PP: 247-266

Dr. Surendra Meher

- "Informal Employment in India: Emerging Trends of Gig Economy and the Role of the New Education Policy", co-authored with Anushka Singh and Shivansh Tripathi, in New Education Policy, Sustainable Development and Nation Building: Perspective, Issues and Challenges, edited by Manish Kumar Verma, Routledge India, 2025. ISBN 9781032996417
- "Selecting and Formulating a Research Problem" in Research Methodology for Social Science, edited by NMP Verma, Devyani Publishers and Distributers, 2025, page no. 66-78, ISBN: 978-93-93751-36-2.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Paper presented and Participation in the National and International Seminars/Conference

Prof. Sanatan Nayak

- Distress Financing for Inpatient Health Expenditure: A Study of States in India, Paper presented on 19th March, 2025 in the XXIX IIPS National Seminar during 19th-20th March, 2025 organised by International Institute for Population Sciences (IIPS), (Deemed to be University), Mumbai-400088, India.
- Impacts of Climate Change on Rainfed Agriculture in India, delivered a special talk as a Resource person on 7th February, 2025, in the National Seminar on "Rainfed Regions in Uttar Pradesh and Bihar: Challenges & Policy Recommendations for Sustainable Livelihoods organised by Department of Economics, Banaras Hindu University, Banaras.

Dr. Surendra Meher

- Recent Trends of Employment Pattern in Informal Sector in India" presented at the 19th Uttar Pradesh-Uttarakhand Economic Association (UPUEA), organized by Organized by Department of Economic, ASSS, BBAU, in association with Uttar Pradesh-Uttarakhand Economic Association (UPUEA) and Association of Socio-Economic Development Studies (ASEDS), 13th-14th April 2024.

Dr. Surednra Singh Jatav

- Two Weeks Capacity Building Programme for Faculty in Social Sciences, at OKD Institute of Social Change and Development, Guwahati, from 15-28th July, 2024.
- Short Courses Programme - Food Security for Equitable Futures, October 5 & 6, 2024 at Lancaster University, U.K.
- Refresher Course in Multilingualism and Curriculum Development (Inter Disciplinary) under Malviya Mission Teacher Training Programme during 16-31 August 2024.
- Two Week Capacity Building Programme (CBP) on Advanced Research Methods and Effective Teaching Techniques (For young social science faculty) 23rd June – 05th July, 2025 organized by National Institute of Technology Patna.
- Paper titled "Bridging the gap between biophysical and social vulnerability in rural India: a community livelihood vulnerability approach" in National Seminar on Regional Issues of Tribal Development in India: Ground Realities, policy interventions and desired strategies organized by MPISSR, Ujjain during 7-8 November, 2024.
- Paper titled "Measuring Adaptive Capacity of Indian Agriculture to Climate Change: An Application of Indicator Approach" in National Seminar on Charting India's Course to Viksit Bharat: Addressing Social Sector Challenges and Opportunities during 22-23 January 2025 organized by Christ University, NCR.
- Paper titled "Risk, Perception and COVID-19 impact on food security: Evidence from Bundelkhand Region, India" in the National Seminar on 'Cultivating Change: Enhancing Rural Food Security through Sustainable Practices and Nutrition Awareness', held on 12 February 2025 at the Institute of Human Development, New Delhi.
- Chaired a session "Digital Transformation Altering Social Sector in the National Seminar on "Charting India's Course to Viksit Bharat: Addressing Social Sector Challenges and Opportunities during 22-23 January 2024 organized by Christ University, NCR.
  Co-chaired "Impact of NEP 2020 and Quality of Education in Viksit Bharat" organized by the Sitapur Shiksha Sansthan, Sitapur, Uttar Pradesh during 22-23 March, 2025.
- Speaker of Panel Discussion "Impact of NEP 2020 and Quality of Education in Viksit Bharat" organized by the Sitapur Shiksha Sansthan, Sitapur, Uttar Pradesh during 22-23 March, 2025.

Invited lectures

Prof. Sanatan Nayak

- Delivered a special lecture on "SDG Goal 7 and Climate Action of India: Opportunities and Challenges" on 18th March, 2025, Faculty Development Programme (FDP), Department of Economics, Central University of Jammu.
- Delivered a special lecture on "Use of Census Data for Public Policies" on 25th December, 2024, Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Delivered a special lecture on "Building the Foundation: The role of Literature Review and Systematic Review in literature" on 26th December, 2024, Department of Economics, Dr. Shakuntala Misra National Rehabilitation University, Mohaan Road, Lucknow.
- Delivered a special lecture on "Use of Large-Scale Data for Public Policies: Basic Issues" on 24th September, 2024, MMTTC UGC- Malaviya Mission Teacher Training Centre, Lucknow University, Lucknow.
- Delivered two special lectures on "Sampling Design: Probability and Non-Probability Sampling Techniques" on 19th and 20th September, 2024, Department of Economics, Banaras Hindu University, Varanasi.

Dr. Surendra Meher

- Guest speaker at the National Seminar on the occasion of "World Day against Child Labour", organised by department of Human Rights, School of Legal Studies, BBAU, Lucknow on 12th June 2024, in hybrid mode
- Invited lecture on "Budget and Food Security" organized by NNS Unit, BBAU, Luknow, 6th August 2024
- Chaired a session on "Case Studies on Climate Resilient and Rural Development" at the "International Seminar on the Building Climate Resilient Society: Issues and Challenges" organised by Department of Economics, BBAU, Lucknow, 25th to 26th November 2024
- Panellist on "Special Panel discussion on Budget, 2025-26", organised by Department of Economics, BBAU, Lucknow held on 25-02-2025.

Dr. Surendra Singh Jatav

- Delivered a lecture on the "Decoding Indian Budget: Possibilities and Prospects" at Maharishi School of Science & Humanities, MUIT, Lucknow on August 6, 2024.
- Delivered a lecture on Publishing in Academic Journals in online Summer School Workshop on "Research in Social Science: Theories, Methods, and Writing Skills" from 24 July to 29 July 2024.
- Delivered a lecture on Publishing Scholarly Articles in the internationally recognized journals in the Two week- Capacity Building Programme for Young Social Science Faculty organized by the Department of Geography, A.M. U, Aligarh from 3-14 August 2024.
- Delivered a lecture on Sampling: Issues and Challenges in the Two week- Capacity Building Programme for Young Social Science Faculty organized by the Department of Geography, A.M.U, Aligarh from 3-14 August 2024.
- Delivered a lecture on the Introduction of Qualitative Research in 10-day Online National Research Methodology Programme from 5th February to 14th February 2025 organized by B.K. School of Professional and Management Studies, Gujarat University.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Professor Sanatan Nayak

- Manoj Kumar has enrolled for a Ph.D. with the thesis title **"**Rural Primary Healthcare Infrastructure: A Case Studyof Jaunpur District in Uttar Pradesh"
- Pushpendra Kumar has enrolled for a Ph.D. with the thesis title "Multidimensional Poverty in Urban Slums: A Case Study of Lucknow City in Uttar Pradesh"

- Rashid Gauhar has enrolled for a Ph.D. with the thesis title "Exploning the Climate Finance Potential and its Linkage with Economic Development: A Special Reference to India and Lucknow city"
- Kamlesh Meena has enrolled for a Ph.D. with the thesis title "Economic Burden of Health Care Facility: A Case of Slum Dwellers in Lucknow, Uttar Pradesh"
- Sumit Saurav has enrolled for a Ph.D. with the thesis title "Cost-Benefit Analysis of Electric Vehicle Adoption in India"
- Ajit Kumar has enrolled for a Ph.D. (title yet not decided).
- Ambesh Kumar has enrolled for a Ph.D. (title yet not decided).

Professor N.M.P. Verma (retired)

- Brijesh Kumar has enrolled for a Ph.D. with the thesis title "Impact of Fiscal Policies on Slowdown of Manufacturing Sector in India: A Case of Automobile Sector
- Nidhi Singh has enrolled for a Ph.D. with the thesis title "Export of Indian Software during 2012-2022: A Trend Analysis"
- Ruchika Pandey has enrolled for a Ph.D. with the thesis title "An Econometric Analysis of Inter-relationship between Public Debt and Macroeconomic Performance of India"
- Ajay Kumar Gautam has enrolled for a Ph.D. with the thesis title "Cost-Benift Analysis of Solar Energy Production and Consumption: A Case Study of Lucknow"
- Ankit Kanojia has enrolled for a Ph.D. with the thesis title "An Impact Analysis of Incubator Centres in Promoting Start-Ups in India: A Study with special reference to Gurugram and Faridabad District of Haryana"
- Naveen Linda has enrolled for a Ph.D. with the thesis title "An Economic Analysis of Public Sector Banks Financial Performance in Indian Stock Market: A Study with the reference to the Four Major Merged Public Sector Banks"

Professor L.C. Mallaiah

- Pawan Kumar Rao has enrolled for a Ph.D. with the thesis title "Impact of New Economic Reforms on Leather Industries in Uttar Pradesh"
- Pooja Tiwari has enrolled for a Ph.D. with the thesis title "Economic Analysis of Impact of Skill Development Programmes on Women Empowerment in Uttar Pradesh with special reference to PMKVY"
- Anju Dubey has enrolled for a Ph.D. with the thesis title "Economic Efficiency Analysis of Women Entrepreneurs in Uttar Pradesh"
- Shivangi has enrolled for a Ph.D. with the thesis title "Economic Impact of ICT in Agricultural Development in Uttar Pradesh with Special reference to e-NAM"
- Khushboo Gupta has enrolled for a Ph.D. with the thesis title "Impact of Agricultural Credit on Small and Marginal Farmers with Special Reference to Kisan Credit Card in U.P."

Professor D. K. Yadav

- Saleha Jameel Ansari has enrolled for a Ph.D. with the thesis title "Foreign Exchange Rate and Fundamental Variable: Analysing the Role of International Monetary System in the Context of G20 Nations"
- Pankaj Kumar has enrolled for a Ph.D. with the thesis title "Financial Innovations and Money Supply Pattern in India: Analysing the Role of Public Behaviour in the Post Reform Period"
- Arsalan Nawabi has enrolled for a Ph.D. with the thesis title "Demonetisation, Financial Innovations and Pattern of Money Demand in India: Analysing the impact on Black Economy"

- Abhinav Mishra has enrolled for a Ph.D. with the thesis title "Monetary Policy, Asset Price and Increasing Inequality in Indian: A Field level Investigation of Urban and Rural Area"
- Vivekanand has enrolled for a Ph.D. with the thesis title "Impact of Business Correspondent Models on Financial Inclusion of Dalit Women"
- Avinash Kumar has enrolled for a Ph.D. (title yet not decided).

Dr. Surendra Meher

- Shivansh Tripathi has enrolled for a Ph.D. with the thesis title "Employment Dynamics of Gig Economy in India: A Comparative Study of Gig Workers in Tier-2 cites of Uttar Pradesh"
- Deeksha has enrolled for a Ph.D. with the thesis title "Labour Market Condition in Post Reform Period: A Case Study of Lucknow and Kanpur"
- Sachin Singh has enrolled for a Ph.D. (title yet not decided).
- Kuldeep Bharati has enrolled for a Ph.D. (title yet not decided).

Dr. Pranav Kumar Anand

- Yasar Mehmood has enrolled for a Ph.D. with the thesis title "An Economic Analysis of Agricultural Sector in Jammu & Kashmir from Since 1991.
- Anshu Chaudhary has enrolled for a Ph.D. with the thesis title "An Analysis of Consumer Behaviour of Organic Products: A Case Study of Lucknow District in Uttar Pradesh"
- Avinash Kumar has enrolled for a Ph.D. with the thesis title "Impact of Higher Education on Employment Opportunities of Women and their Career Advancements in India: Special Reference to Uttar Pradesh"
- Devendra Yadav has enrolled for a Ph.D. (title yet not decided).

Dr. Surendra Singh Jatav

- Nathoo Bharati has enrolled for a Ph.D. with the thesis title "An Economic Analysis of Farmer's Perception on Climate Change and Climate Vulnerability in Uttar Pradesh: Evidence from Draught Prone and Flood Prone Regions"
- Ashish Ranjan has enrolled for a Ph.D. (title yet not decided).
- Shubhangam Kumar Raghubanshi has enrolled for a Ph.D. (title yet not decided).

8.3.5.2 Ph.D. Awarded

Professor Sanatan Nayak

- Debabrata Sahoo has awarded for a Ph.D. thesis title "Extraction of Mineral Resources and Its Impact on Local Livelihood: A Case Study of Odisha"

Professor N.M.P. Verma (retired)

- Vikas Pratap Singh has awarded for a Ph.D. thesis title "A Study of Corporate Taxation and its impact on income and profit of major FMGC companies in India"

Professor L.C. Mallaiah

- Supriya Gautam has awarded for a Ph.D. thesis title "the impact of farmer producer organization on socio- economic conditions of small and marginal farmers in Uttar Pradesh"
- Disha Ghildiyal has awarded for a Ph.D. thesis title "Economic evaluation of organic and non-organic farming in India: A Case Study of Uttarakhand"

Dr. Surendra Meher

- Kuhu Awasthi has awarded for a Ph.D. thesis title "Labour productivity and wages in the organized manufacturing sector: An interstates analysis in India"

- Mohd. Sadiq has awarded for a Ph.D. thesis title "Impact of tourism on employment and income generation in India: A comparative study of Kashmir and Ladakh"

Dr. Pranav Kumar Anand

- Ved Prakash has awarded for a Ph.D. thesis title "Women participation and employment generation: Role of MGNREGA with Special reference to Bareilly Division in Uttar Pradesh"

8.3.6 Projects/Consultancy/and any other

N.A.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Surendra Singh Jatav

- R.S. Deshpande award for best paper in agricultural economic given by ISEC, Bangalore for 2024-25.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	18
2.	Total number of journal publications by Department (International)	0
3.	Total number of publications in conference proceedings	0
4.	Total number of workshops/conferences/seminars/etc organized by Department	3
5.	Total number of PhD degree awarded by Department	7
6.	Total number of PG students	51
7.	Total number of UG students	0
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	6
10	Total number of Award and Medals	0
11	Total number of Patents/copyright filed/granted	0
12	Total number of sponsored research project sanctioned	0
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	0
17	Total number of total number of students opted for higher studies	0

Department of Political Science

About the Department

The Department of Political Science was established in **2008**. It promotes teaching and research in both **traditional areas** (Political Theory, Political Philosophy, Indian Politics) and **emerging fields** (Public Policy, Governance, Human Rights, International Relations, Comparative Politics).

The Department has organized **2 international seminars, 3 national seminars, and 5 special discussions**. It offers **M.A. (2 years)** and **Ph.D. (3–6 years 6 months)** programmes. Facilities include **02 classrooms (01 Smart Classroom, 01 AC classroom), computers, printers, mic sound system, and projectors**.

Strengths

Academic Strengths

- Faculty with Ph.D. from premier institutions (JNU, BHU, etc.) and expertise in diverse fields.
- Strong research culture with **37 ongoing Ph.D. scholars** and **04 awarded**.

Student Achievements

- **17 students qualified NET/JRF**.
- 38 students completed Master's, 03 pursuing higher studies.

Infrastructure Strengths

- ICT-enabled classrooms (Smart Classroom, AC Classroom, projector, mic system).
- Access to Central Library and e-resources.

Institutional Involvement

- Faculty actively engaged in **IQAC, Academic Council, Board of Management, RDC, BPGS**.
- Life memberships in professional associations (IPSA, Comparative Education Society, etc.).

Social Relevance

- Research and teaching focus on **marginalized groups, Dalit studies, feminism, subaltern politics, and human rights**.

Next Year Plan (2025-26)



Curriculum Development

- Introduce new elective courses in **Global Governance, Climate Politics, and Policy Research**.

Research Enhancement

- Encourage faculty to apply for **ICSSR/UGC projects**.
- Promote publications in **Scopus/International indexed journals**.

Academic Activities

- Organize **1 international seminar** and **2 national conferences**.
- Increase **student workshops and special lectures**.

Student Support

- Launch a **mentoring programme for NET/JRF and UPSC aspirants**.
- Career guidance and placement cell initiatives.

Infrastructure Development

- Establish a **departmental library and digital research centre**.
- Upgrade IT infrastructure with high-speed internet and research software.

9.6 Collaboration and Outreach

- Sign **MoUs with national and international institutions** for exchange and joint research.
- Initiate **extension programmes** on voter awareness, gender sensitization, and human rights in local communities.

1. CURRICULAR ASPECTS

1.1 Curriculum Design and Development



- Curriculum covers both conventional and contemporary areas: Political Theory, Indian Politics, International Relations, Governance, Human Rights.

1.2 Curricular Planning and Implementation

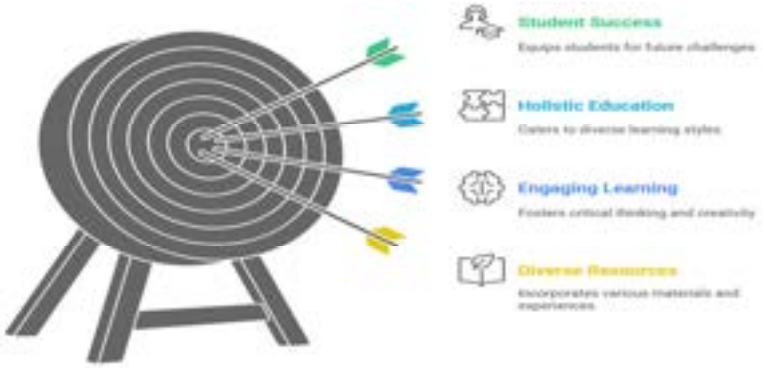
- M.A. and Ph.D. programmes designed as per UGC norms.
- Use of ICT-enabled teaching (smart classroom, projectors).

1.3 Academic Flexibility



- Flexibility in Ph.D. research areas: Subaltern Studies, Feminism, Peace & Conflict Studies, Comparative Religions, Public Policy.

1.4 Curriculum Enrichment



- 05 Special Lectures organized.
- Interdisciplinary focus (Dalit Studies, Women Studies, Political Economy).

1.5 Feedback System

- Nil (not available).

2. TEACHING-LEARNING AND EVALUATION



2.1 Student Enrolment and Profile



- PG Students: 87
- No UG/Diploma programmes.

2.2 Catering to Student Diversity



- Research themes address diverse sections (marginalized groups, women, Dalits, religious minorities).

2.3 Teaching-Learning Process



- ICT-based teaching with projectors, mic sound system.
- Student-centric learning through seminars and discussions.

2.4 Teacher Profile and Quality



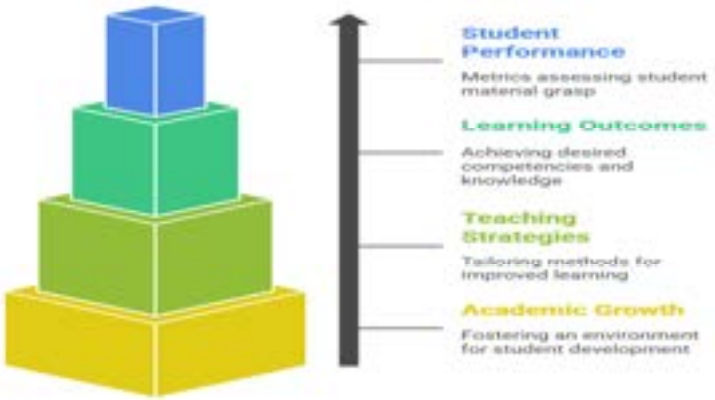
- Faculty Strength: 7 (4 Professors, 1 Associate Professor, 2 Assistant Professors).
- All hold Ph.D. (JNU, BHU, reputed universities).
- Specializations: International Relations, Indian Politics, Human Rights, Feminism, Governance, Political Philosophy.

2.5 Evaluation Process and Reforms



- Evaluation as per university rules (internal + end semester).

2.6 Student Performance and Learning Outcomes



- Ph.D. Awarded: 04
- Ph.D. Submitted: 01
- Ongoing Ph.D. Scholars: 37
- Master's Graduates: 38 (03 pursuing higher studies).
- NET/JRF Qualified: 17 students.

2.7 Student Satisfaction Survey

- Nil

3. RESEARCH, INNOVATIONS, AND EXTENSION

3.1 Promotion of Research and Facilities



- Strong Ph.D. guidance (37 ongoing).
- ICT support for research activities.

3.2 Resource Mobilization for Research

- Nil

3.3 Innovation Ecosystem

- Nil

3.4 Research Publications and Awards



- Papers Published: 04 (National)
- Book Chapters: 01
- Conferences/Seminars Attended: 03 (India)

3.5 Consultancy

- Nil

3.6 Extension Activities

- Nil

3.7 Collaboration

- MoUs: Nil

4. INFRASTRUCTURE AND LEARNING RESOURCES



4.1 Physical Facilities

- 02 classrooms (01 Smart, 01 AC).

4.2 Library as a Learning Resource

- Uses Central Library facilities.

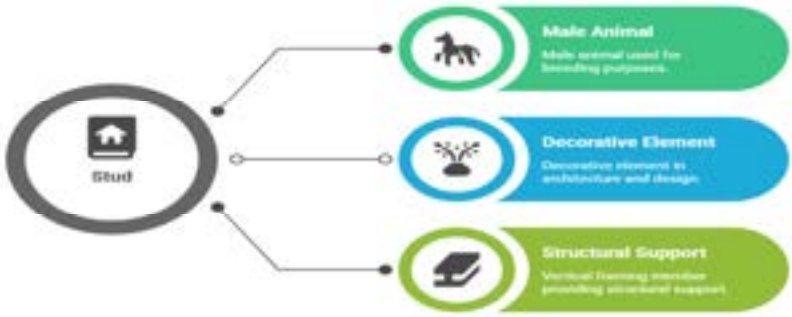
4.3 IT Infrastructure

- Computers, printers, projector, mic sound system.

4.4 Maintenance of Campus Infrastructure

- Maintained by the University.

5. STUDENT SUPPORT AND PROGRESSION



5.1 Student Support

- Guidance and supervision for research scholars.

5.2 Student Progression

- 38 Master's graduates, 03 pursuing higher studies.
- 17 students qualified NET/JRF.

5.3 Student Participation and Activities

- Co-curricular/Extra-curricular: Nil

5.4 Alumni Engagement

- Nil

6. GOVERNANCE, LEADERSHIP AND MANAGEMENT



6.1 Institutional Vision and Leadership

- Vision: Academic excellence in political science with social responsibility and inclusive research.

6.2 Strategy Development and Deployment

- Emphasis on contemporary themes: Governance, Public Policy, Human Rights, Peace Studies.

6.3 Faculty Empowerment Strategies

- Faculty involved in professional associations, academic councils, editorial boards.
- Active roles in IQAC, School Boards, Research Committees.

6.4 Financial Management and Resource Mobilization

- Nil

6.5 Internal Quality Assurance System

- Faculty part of IQAC and departmental committees for transparency.

7. INSTITUTIONAL VALUES AND BEST PRACTICES



7.1 Institutional Values and Social Responsibilities

- Faculty research on Dalits, marginalized groups, gender issues, human rights.

7.2 Best Practices

- ICT-based teaching (Smart Classroom).
- Special lectures organized.

7.3 Institutional Distinctiveness

- Faculty from premier institutions (JNU, BHU).
- Research focus on inclusive and socially relevant themes.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Vinod Khobragade**
  Professor
  Specialization: International Relations, Foreign Policy of India, Indian Polity, Dalit and Marginalized Studies

Qualifications: M.A, Ph.D.

- **Dr. Ripu Sudan Singh**
  Professor
  Specialization: International Relations Peace and Conflict Buddhism & comparative religions, Ethnicity and Politics in West Asia and North Africa, Subaltern Politics in Contemporary India
  Qualifications: M.A, Ph.D.
- **Dr. Sartik Bagh**
  Professor
  Specialization: Political Philosophy, Key Concepts in Politics (Political Theory), Development Issues and Welfare Policies Political Process (Indian Politics)
  Qualifications: M.A, Ph.D.
- **Dr. S.K. Pandey**
  Professor
  Specialization: Indian Politics, Local Self Government, Electoral Politics in India, Human Rights
  Qualifications: M.A, Ph.D.
- **Dr. Siddhartha Mukerji**
  Associate Professor
  Specialization: Political Economy, Comparative Politics, State Elections, Public Policy and Governance
  Qualifications: M.A, Ph.D.
- **Dr. Preety Choudhari**
  Assistant Professor
  Specialization: Public Policy and Governance, Feminism and Women Studies, Indian Foreign Policy, Emergence of Environmental Legislations and Governance
  Qualifications: M.A, Ph.D.
- **Ms. Manjari Raj Oraon**
  Assistant Professor
  Specialization: International Organization and International Relations, State Politics, Development Process and Social Movements
  Qualifications: M.A

8.2 Various Positions held in & out the Institution –

Prof. Ripu Sudan Singh

- Head, Department of Sanskrit and Vedic Studies, BBAU, Lucknow.
- Chairman of Annual Committee, BBAU, Lucknow.
- Chairman of Prospectus Committee, BBAU, Lucknow.
- Member of Board of Studies in Prof. Rajendra Singh (Rajju Bhaiya) University, Prayagraj.
- Member of selection committee in Ramdulari Bachhulal Jaiswal Mahavidyalaya, Nawabganj.
- Member of Selection committee in Prof. Rajendra Singh (Rajju Bhaiya) University, Prayagraj.
- Member of Selection committee in Dr. Rammanohar Lohia Avadh University, Ayodhya.
- Member of Research Advisory Committee (RAC), Department of National Security Studies, Central University of Jammu

- Member of Board of Studies in the Department of Political Science, Khwaja Moinuddin Chishti Language University, Lucknow
- Member of Board of Studies in the Department of Political Science and Public Administration, Dr. Sahkuntala Mishra National Rehabilitation University, Lucknow.
- Member of Board of Studies in the Department of Political Science, Siddharth Vishwavidyala Vakapil Vastu Siddharthnagar.

8.4 Research Publications

8.3.1 Research Articles

Prof. Vinod Khobragade

- Article titled "Exploring dimensions of Sino-Russian Contemporary Relations", *South Asian Journal of Socio-Political Studies*, vol. XXV, NO. 2, January- June, 2025
- Article titled "India-Russia Cultural Cooperation", *Purvadeva*, vol.29, no.116, pp.109-117, January- March, 2024
- Article titled "Restoring the presence: Constructing Dalit theory and Countering Epistemic Injustice", *International Journal of Social Impact,* vol.10, no.2, pp.565-570, April-June, 2025

Prof. Ripu Sudan Singh

- Paper titled "उत्तर प्रदेश में चुनाव, मतदान प्रति रूप और जनता की धारणा: लोकसभा चुनावों के विशेष संदर्भ में" by Kumari Pooja Bharti and Prof. Ripu Sudan Singh, published in the journal "sage publication" with DOI: I0.II7/258I6543241313019.
- Paper titled "उत्तर प्रदेश के विकास में एक्सप्रेसवे का योगदान तथा इसके राजनीतिकरण का अध्ययन" by Kumari Pooja Bharti and Prof. Ripu Sudan Singh, published in the journal "Alo chana Journal" with ISSN: 2331-6329, 2025.
- Paper titled "महिलाओं की राजनीतिक भागीदारी प्रतिनिधित्व एवं मतदान व्यवहार: उत्तर प्रदेश विधानसभा चुनाव के विशेष संदर्भ में" by Kumari Pooja Bharti and Prof. Ripu Sudan Singh published in the journal "मध्य प्रदेश सामाजिक विज्ञान अनुसंधान जर्नल" with ISSN: 0973-8568, 2024.
- Paper titled "विकास के मॉडल और आधार भूत संरचना एक सद्धितिक एवं विश्लेषण आत्मक अध्ययन" by Kumari Pooja Bharti and Prof. Ripu Sudan Singh published in the journal "Dastavej Research Journal" with ISSN: 2348-7763, 2024.
- Paper titled "उत्तर प्रदेश की राजनीति का बदलता परिदृश्य एवं उसके निहितार्थ" by Kumari Pooja Bharti and Ripu Sudan Singh published in the journal "Poorvdeva" with ISSN: 0974-1100, 2024.
- Paper titled "भारतकीपश्चिमएशियाविदेशनीतिकेअंतर्गतभारत - इजराइलसंबंध: एकअध्ययन" by Yashsvi Shukla and Ripu Sudan Singh published in the journal "शब्दार्णव" with ISSN: 2395-5104, 2024.
- Paper titled "शोधआलेख: भारतीय लोक तंत्र में राजनितिक दलों की केंद्रीय भूमिका विश्लेषणात्मक अध्ययन" by Shikha Ojha and Ripu Sudan Singh published in the journal "Alochana Journal" with ISSN: 2231-6329, 2025.
- Paper titled "संसदीयमूल्योंकापतन: भारतीय लोक तंत्र के परिप्रेक्ष्यमें" by Shikha Ojha and Ripu Sudan Singh published in the journal "The International Journal of Advanced Research in Multidisciplinary Sciences" with eISSN: 2581-8996, 2023.

- Paper titled "भारतीय लोकतंत्र में स्वतंत्र और निष्पक्ष चुनाव सुनिश्चित करन□हेतु□चुनाव सुधार की □वश्यकता: वर्तमानपरिप्रेक्ष्य□में" by Shikha Ojha and Ripu Sudan Singh published in the journal "Alo chana Journal" with ISSN: 2231-6329, 2024.

Dr. Sartik Bagh

- Article titled, "Mapping Development in A Transformative State: Health and Education", Siddhartha Mukerji and Sartik Bagh, *RAJGIRI JOURNAL OF SOCIAL DEVELOPMENT*, VOL. 17, NO. 1, pp. 18-32, Jan-June, 2025
- Article titled, "Issues of Inclusion and Exclusion in Indian Higher Education: A Study of Students with Disabilities", by Prof. Sartik Bagh*, Renu** &Kanika Raj***, *RESEARCH EXPRESSION*, VOLUME 10, ISSUE 7, MARCH 2024,
- Article titled, "Vikar Par Purnbichar: PaschimVanam Bharatiya Parampara," Lok Pashayan, Renu and Sartik Bagh, January - March 2025
- Globalization and Land Acquisition Consequences and Challenges: An Exploratory Study, by Dinesh Kumar and Sartik Bagh, Shodh Samalochan, April-June 2025
- Article titled, "Push and Pull Factors of Migration: Theories of Human Factor", by Sartik Bagh, Manoj Kr. Chaudhary, Rabindra Bharati University Journal of Economics, Vol. XXVIII, No:25, 2024
- Article titled, "Strengthening Democracy Through Election Integrity in Contemporary India", By Balan G &Prof. Sartik Bagh, South Asian Review, February -2024

Dr. S.K. Pandey

- Article entitled, "Assembly Polls 2022 in Uttar Pradesh and its Aftermath: An Analysis", by Mirza Asmer BEG, Shashi Kant Pandey and Dr. Abhishek Pal, South Asia Journal of Socio-Political Studies, vol. XIV, no. 2, January- June, 2024
- Article entitled, "Reading The 2024 Lok Sabha Election Results in Uttar Pradesh", by Mirza Asmer Beg, Shashi Kant Pandey, and Akhilesh Kumar, *Economic and Political Weekly,* vol. LIX, no.38, pp.51-54, September 21, 2024

Dr. Siddhartha Mukerji

- Article titled, "Legal Prespectives Beyond Margins", *Book Review*, Vol. XLVIII, pp.53-55, May 2024
- Article titled, "Political Behaviour and the Development of Electoral Studies in India: A Theoretical Studies", by Rakesh Kumar and Siddhartha Mukerji, *MP SAMAJIK VIGYAN RESEARCH JOURNAL*, VOL.22, NO. 1, pp.13-24, June, 2024
- Article titled, "MAPPING DEVELOPMENT IN A TRANSFORMATIVE STATE: HEALTH AND EDUCATION", by Siddhartha Mukerji and Sartik Bagh, *RAJGIRI JOURNAL OF SOCIAL DEVELOPMENT*, VOL. 17, NO. 1, pp. 18-32, Jan-June, 2025
- Cultural Awakening in India and its implications for India-East Asia Relations, *International Journal of Indian Studies*, Vol.XII, PP.173-187, May 2025
- COVID-19 AND DISASTER MANAGEMENT: STATE CAPACITY AND FEDERAL RESPONSES IN INDIA, *INDIAN JOURNAL OF SOCIETY AND POLITICS*, Vol.12, No.1, pp.7-14, July-October, 2025

Dr. Preety Choudhari

- Article entitled "Trin Dhari Ot: War, Ecofeminism, and Sitayan" — *Economic and Political Weekly*, Vol. 59, Issue No. 6, 10 February 2024.

Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof S.K. Pandey

- Written a chapter titled "Uttar Pradesh Ki Panchayat Raj Vyavastha" in Amal Mishra's, ed., *Uttar Pradesh Kal aaj aur kal*, Pralek Prakashan, 2025

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Ripu Sudan Singh

- Chairman of the National Seminar on the topic of "**नवाह्निक व्याकरण महाभाष्य कोश समीक्षा**" in the Department of Sanskrit and Vedic Studies, BBAU, Lucknow, 2024.
- Chairman of the National Seminar on the topic of "**VEDAS AND COMPUTATIONAL LINGUISTICS - POSSIBILITIES AND CHALLENGES**" in the Department of Sanskrit and Vedic Studies, BBAU, Lucknow, 2024.
- Chairman of the National Seminar on the topic of **व्याख्यानमाला)Periodic Lecture)** in the Department of Sanskrit and Vedic Studies, BBAU, Lucknow, 2025.
- Attended two days ICSSR Sponsored National Seminar on "Neighbourhood Foreign Policy During Prime Minister Modi's Regime".
- Invited to Delivering Keynote Address the National Seminar on "Gandhian Approach to Social Work: Prospects and Challenges This seminar was organized by the Department of Gandhian and Peace Studies and the Department of Social Work with collaboration of Indian Society of Gandhian Studies at Mahatma Gandhi Central University, Motihari, Bihar from 3rd to 4th March. 2025.
- Paper Presented in the International Conference on the topic of "The Buddha's Perspective of Dhamma and its Relevance 21stCentury" in Sri Lanka, 2024.
- Chaired a session in the International Conference organized by Human Rights Studies Programme, School of International Studies, Jawaharlal Nehru University in 2024.

Prof. S.K Pandey

- Delivered lecture as the Chief Guest in the Centre for Law, Public Policy and Governance of National Law University and Judicial Academy on 28 May 2024
- Delivered lecture in Refresher Course organized by MMTC, University of Burdwan, on "Mahatma Gandhi's ideas on Environmentalism and its contemporary relevance" on 31st July 2024
- Presented a paper in International political science conference at Seoul, South Korea on the topic "Navigating Pathways to Democratic Governance in India: State and Social Media" (12th-16th July, 2025)

Dr. Siddhartha Mukerji

- Paper entitled, "E-District Programme in Uttar Pradesh: Opportunities and the Administrative Challenges" presented in National Seminar on Interrelationship among State, Society and Nation: An Indian Perspective organized by Department of Political Science, University of Lucknow, Lucknow, (UP) from 7-8 April, 2025

Dr. Preety Choudhari

International Seminar

- Delivered a lecture on the topic "Challenges of Sustainable Development and the Feminist Perspective on Peace" in the International Seminar "Towards a Sustainable and Equitable Future: Role of Science, Technology, Politics, and Economics in Societal Transformation",

jointly organised by Banaras Hindu University and Norbuling Righter College, Royal University of Bhutan, held from 10 – 13 May 2025 at Bhutan.

National Seminars

- Presented a paper titled "Kautilya: The Propounder of Realism in Indian Administration and Governance" in a two-day seminar on "Governance and Administration in Indian Thought", organised by the Indian Institute of Advanced Study (IIAS), Shimla, 7 – 8 November 2024.
- Delivered a lecture on "Stree Katha aur Katha mein Stree" in the two-day seminar "Stree Sahitya: Vividh Aayam", organised by the Department of Hindi and Modern Indian Languages, University of Allahabad, on 6 March 2025.
- Delivered a lecture in a Refresher Course in Women's Studies, organised by MMTC, Banaras Hindu University, on 15 July 2025.
- Delivered a lecture on "Nai Sadi ka Hindi Katha Sahitya: Parampara aur Navachar", organised by Rachiyata and the Department of Hindi, Banaras Hindu University, on 22 April 2025.
- Delivered a lecture on Feminist Methodology at the Department of Management Studies, Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow.
- Served as a Panelist in the session "Empowered and Protected: Rethinking Women's Safety" at the Women Leaders Conclave (WLC 2025), organised by Stree Shakti and supported by the Government of India, held at Indian Institute of Management (IIM), Srinagar, Jammu & Kashmir, 7 – 9 April 2025.
- Panelist at Bhagidari Sahitya Mahotsava on the topic "**दलित साहित्य की प्रमुख विशेषताएं: दलित अनुभवों का चित्रण, भाषा शैली, सामाजिक-राजनीतिक संदर्भ और साहित्यिक मूल्य**", organised by Metaphor Lucknow and the Department of Social Welfare, Government of Uttar Pradesh, on 9 February 2025.
- Discussant at Metaphor Lucknow LitFest in a Dialogue with eminent writer Nasira Sharma on her novel "Parijaat", held on 15 December 2024.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Vinod Khobragade

- **Mr. Karan Meena** has enrolled for the PhD programme with the title "Celebrities in Indian Politics: A Study of Indian Parliament (2014-2024)
- **Mr. Rajesh Patel** has enrolled for the PhD programme with the title "Navigating Hydro Hegemony and Emerging Water Dispute in the Indo-China Region: The Case of Brahmaputra River"
- **Ms. Anu Tiwari** has enrolled for the PhD programme and his synopsis is currently under preparation.
- **Mr. Kumar Siddhartha** has enrolled for the PhD programme and his synopsis is currently under preparation.

Prof. Ripu Sudan Singh

- Shikha Ojhahas enrolled for a Ph.D. with the thesis titled "Funding of National Political Parties in India and United State: It's Implications for democracy (2014-2020)".
- Kumari Puja Bhartihas enrolled for a Ph.D. with the thesis titled " Comparative study of the role of ruling Governments in Infrastructure Development works in Uttar Pradesh (2007 to 2021)".

- Yashaswi Shukla has enrolled for a Ph.D. with the thesis titled "Impact of India-Israel relations on India's geopolitics with special reference to application and exchange".
- Asha Gupta has enrolled for a Ph.D. with the thesis titled " Changing Dynamics of Indian's Defence Policy and its Implication Since 2014: With Special Reference to Aatmanirbbhar Bharat Mission".
- Yagvi Vaishnav has enrolled for a Ph.D. with the thesis titled "Multipolarity without Multilateralism: A study on climate financing post paris agreement".
- Alok Priyadarshi has enrolled for a Ph.D. with the thesis titled "India's Cultural Diplomacy in Southeast Asia: A Study of Soft Power Dynamics in Post – 2014 Period".

Prof. Sartik Bagh

- Mr. Mradul Malay has enrolled for the PhD programme with the thesis titled **"भारत में किसान और नव–उदारवादी अर्थव्यवस्थाः उत्तर प्रदेश के हरदोई जनपद के संदर्भ में एक अध्ययन"**
- Mr. Arbind Bhagat has enrolled for the PhD programme with the thesis titled **"Role of Adivasi women in political decision Making: Study of representation of Adivasi women in Local governance in Jharkhand"**
- Ms. Renu has enrolled for the PhD programme with the thesis titled **"Decentralisation of Healthcare System: A Case Study of Aam Aadmi Mohalla Clinic in East Delhi".**
- Mr. Chitransh Patel has enrolled for the PhD programme with the thesis titled **"Socio-Political Impacts of Vidya Bharati Schools on Backward Castes in Bareilly District, Uttar Pradesh: An Althusserian Analysis"**
- Ms. Madhulata Korihas enrolled for the PhD programme and his synopsis is currently under preparation.
- Ms. Jyotsna Rawathas enrolled for the PhD programme and his synopsis is currently under preparation.

Prof. S.K. Pandey

- Mr. Vikas Tiwari has enrolled for the PhD programme with the thesis titled **"विद्युत क्षेत्र में सुधार एवं राज्य की कार्यवाहीः उत्तर प्रदेश के लखनऊ जनपद का एक अध्ययन"**
- Mr. Chandresh Kumar Shukla for the PhD programme with the thesis titled "मुस्लिम महिलाओं की राजनीतिक भागीदारी, प्रतिनिधित्व और मतः लखनऊ और बहराइच जिले का तुलनात्मक अध्ययन"
- Ms. Varsha has enrolled for the PhD programme with the thesis titled "Human Rights and Struggle for Dignity: A Case Study of Manual Scavengers in Sangam Vihar, New Delhi"
- Ms. Priya Singh has enrolled for the PhD programme and his synopsis is currently under preparation.
- Mr. Ujjawal Kumar Baskey has enrolled for the PhD programme and his synopsis is currently under preparation.
- Mr Archit Pandey has enrolled for the PhD programme and his synopsis is currently under preparation.

Dr. Siddhartha Mukerji

- Ms. Shubhangi Choudhary has enrolled for the PhD programme with the thesis titled "Dalit Women and Water Justice: A Study of Rural Water Governance in Jhansi District of Budekhand region (Uttar Pradesh)

- Mr. Naveen Kumar Piyasi has enrolled for the PhD programme with the thesis titled "Politics of Welfare State and Public accountability in India: A Study of Direct Benefit Transfer Schemes in Satna District, Madhya Pradesh.''
- Mr. Nagesh Mishra has enrolled for the PhD programme with the thesis titled "Rise of Neo-middle Class and its Implications for Governance and Electoral Politics in Uttar Pradesh: A Study of Lucknow District.''
- Mr. Neeraj Kumar has enrolled for the PhD programme and his synopsis is currently under preparation.
- Mr Prashant Pandey has enrolled for the PhD programme and his synopsis is currently under preparation.

Dr. Preety Choudari

- Mr. Deshraj Meena has enrolled for Ph.D. programme with the title "Indo-Bangladesh Relations since 2014: An analytical study of conflict and cooperation
- Mr. Yash Raj has enrolled for the PhD programme and his synopsis is currently under preparation.
- Ms. Anjali has enrolled for the PhD programme and his synopsis is currently under preparation.

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

Prof. Ripu Sudan Singh

- Ph. D awarded to Nazir Hussainon the thesis titled "A comparative study of secularism in India and turkey in the post-cold war global politics" in 2024.
- Ph. D awarded to Gukhu Megaon the thesis titled "Electoral Dynamics and Party Politics in the state of Arunachal Pradesh: Study in the post 1998 period" in 2024.

Dr. S.K. Pandey

- Mr. Teeka Ram has awarded for the PhD programme with the thesis titled "उत्तर आधुनिकताः भारतीय राज्य की बदलती भूमिका समकालीन मतभेद और बदलाव"

Prof. Sartik Bagh

- Mr. Balan G. has awarded for the PhD programme with the thesis titled "Role of Governor in Indian Federal System with Special Reference to NDA and UPA Governments Since 1999"
- Mr. Pramod Kumar Sharma has awarded for the PhD programme with the thesis titled "Development Projects and Tribal Displacement in Neo-liberal Period: A study of Judicial Response in India"

Dr. Preety Choudhari

- Currently working on an ICSSR-sponsored Minor Project (Grant: ₹10 lakh) titled "Beyond the Smog: Assessing Policy Efficacy and Challenges of Urban Governance in Mitigation of Air Pollution in the City of Lucknow."

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Preety Choudhari

- As Vice President of Akanksha (an NGO working for women's empowerment), was appreciated and acknowledged by the Hon'ble President of India, Smt. Droupadi

Murmu, and had the privilege of meeting her in person at Rashtrapati Bhavan, along with Akanksha's President and team members.

- The efforts in organising "Akanksha Haat" for the promotion of Self-Help Group (SHG) products were recognised and appreciated by the Hon'ble Chief Minister of Uttar Pradesh, Shri Yogi Adityanath Ji.
- The contribution in organising Akanksha's pavilion at the Mahakumbh was appreciated by Hon'ble Lieutenant Governor of Jammu & Kashmir, Shri Manoj Sinha Ji.
- Work and leadership at Akanksha were also appreciated by the National Commission for Women (NCW), India.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	20
2.	Total number of journal publications by Department (International)	02
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	05
5.	Total number of PhD degree awarded by Department	03
6.	Total number of PG students	87
7.	Total number of UG students	N. A
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	01
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	01
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	04
17	Total number of total number of students opted for higher studies	12

Department of Sociology

About the Department

The Department of Sociology is a vibrant centre for postgraduate (M.A.) and doctoral (Ph.D.) teaching and research. It provides students with a strong grounding in sociological theory, research methodology, and applied areas, with emphasis on social justice, marginalized communities, gender, environment, and development issues. The faculty comprises highly qualified professors, associate, and assistant professors, many of whom are nationally and internationally recognized. The Department has smart classrooms, a departmental library, and a computer lab-cum-library to support teaching-learning and research.

Strengths

- **Academic Excellence**: Strong faculty profile with expertise in diverse areas of sociology (environment, gender, marginalized communities, education, social justice).
- **Research Output**: Consistent publications in reputed journals, books, and chapters; faculty serving as editors and reviewers.
- **Student Achievements**: High number of JRFs, NET qualifiers, and successful placements.
- **Policy and National Engagement**: Faculty members actively engaged with NAAC, ICSSR, UPSC, and other national bodies.
- **Social Responsibility**: Emphasis on marginalized communities, social justice, and sustainability.
- **Collaborative Engagements**: Faculty membership in national and international professional associations (ISA, ISS, BSA, ASA, SASS).

Next Year Plan (2025-26)



- **Curriculum Development**: Strengthen integration of NEP-2020 with updated course modules and introduce skill-based, interdisciplinary electives.
- **Research Mobilization**: Apply for major and minor research projects from UGC, ICSSR, and other funding bodies.
- **Extension & Outreach**: Organize more seminars, workshops, and special lectures focusing on contemporary sociological issues.

- **Infrastructure Enhancement**: Expand departmental library resources, upgrade IT facilities, and establish a research lab for advanced data analysis.
- **Student Support**: Strengthen placement cell, mentorship programs, and NET/JRF coaching initiatives.
- **Collaboration**: Pursue MoU's with national/international institutions for research collaboration and student exchange.
- **Best Practices**: Document and disseminate innovative teaching-learning and research practices for NAAC.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Department engaged in postgraduate (M.A., Ph.D.) teaching & research

Department of Sociology

.

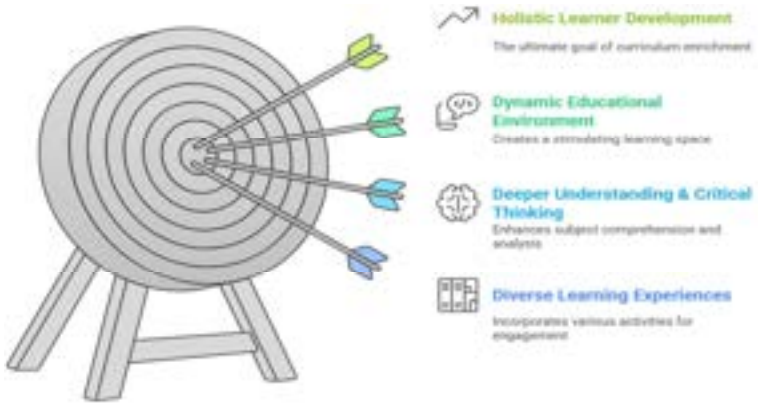
- Focus on sociological theory, methodology, applied optional courses, NEP 2020 alignment (Prof. Verma's publications).

1.2 Academic Flexibility



- M.A. and Ph.D. programmes with optional/applied courses.

1.3 Curriculum Enrichment



- Special lectures (e.g., "Bonda Tribe and their Socio-Cultural Life", "Research and Ethics")

Department of Sociology

.1.4 Feedback System

- Continuous faculty–student interaction & feedback mentioned.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 37 M.A. students completed; details of NET/JRF/Ph.D. enrolments provided.

2.2 Catering to Student Diversity



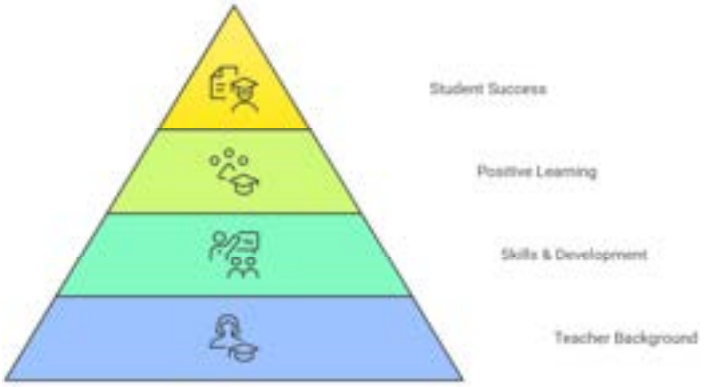
- Faculty research and teaching focus on marginalized communities, Dalits, Tribals, Gender Studies.

2.3 Teaching-Learning Process



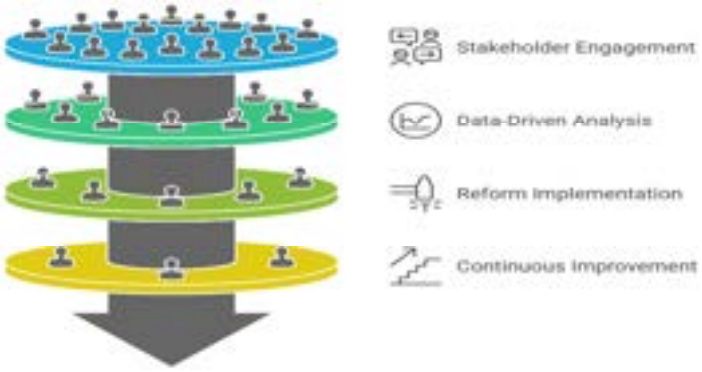
- Smart classrooms, moot court, departmental computer lab-library.

2.4 Teacher Profile and Quality



- Faculty list with qualifications & specializations (Prof. Malik, Prof. Verma, Prof. Dubey, Prof. Shrivastava, Dr. B. Kumar, Dr. Ajay Kumar).

2.5 Evaluation Process and Reforms



- Faculty involvement in Examination Committees & evaluation (UPSC, Public Service Commission's).

2.6 Student Performance and Learning Outcomes



- NET (10), JRF (7), Ph.D. awarded and ongoing research scholars with fellowships.

2.7 Student Satisfaction Survey

- Not mentioned (gap).

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Research-focused faculty; seminars, workshops; UGC-SAP coordination.

3.2 Resource Mobilization for Research



- Limited (few sponsored projects mentioned).

3.3 Innovation Ecosystem

- Special lectures, NEP curriculum innovations, interdisciplinary activities.

3.4 Research Publications and Awards



- Extensive faculty publications in books, chapters, journals.
- Prof. Malik & Prof. Verma recognized nationally/internationally.

3.5 Consultancy

- Nil.

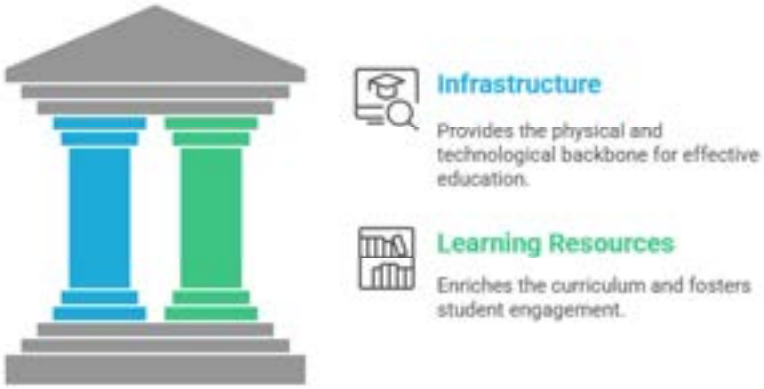
3.6 Extension Activities

- Lectures delivered on social justice, gender, sanitation, environment.

3.7 Collaboration

- MoUs: Nil.
- Faculty part of international associations (ISA, ISS, BSA, ASA, etc.).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, moot court, departmental library, computer lab.

4.2 Library as a Learning Resource

- Departmental library (faculty + student resources).

4.3 IT Infrastructure

- Departmental computer lab.

4.4 Maintenance of Campus Infrastructure

- Not explicitly mentioned.

5. Student Support and Progression



5.1 Student Support

- NET/JRF mentoring.
- Placement cell (Prof. Malik as Chairman).

5.2 Student Progression

- Govt. job selection (SSB, Bihar School Teacher).
- Students progressing to Ph.D. with fellowships.

5.3 Student Participation and Activities

- Co-/extracurricular activities: Nil reported.

5.4 Alumni Engagement

- Dr. Ajay Kumar is a life member of BBAU Alumni Association.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Department aspires to be a centre of excellence in Sociology.

6.2 Strategy Development and Deployment

- Faculty leading NAAC/UGC/IQAC committees.

6.3 Faculty Empowerment Strategies

- Faculty serving in NAAC, ICSSR, UPSC, academic councils, international associations.

6.4 Financial Management and Resource Mobilization

- University-level budget roles (Prof. Malik, Prof. Verma).

6.5 Internal Quality Assurance System (IQAS)

- Faculty members as IQAC coordinators/committee members.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Focus on marginalized groups, gender, social justice, environment.

7.2 Best Practices

- Faculty actively involved in national policy, social justice issues, curriculum reform (NEP-2020).

7.3 Institutional Distinctiveness

- Sociology department's strong focus on marginalized communities, environment, gender studies, social justice.

8. Faculty Profile (Department Specific)

8.5 Academic Details

- **Prof. Bibhuti Bhushan Malik**
  Professor
  Specialization: Sociology of Ecology and Environment; Sociological Theory; Sociology of Poverty and Economic Deprivation
  Qualification: M.A., M.Phil., Ph.D (JNU, New Delhi)

- **Prof. Manish K. Verma**
  Professor & I/C Head
  Specialization: Environment and Development; Globalization Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Rural Ecology
  Qualification: M.A., M.Phil., Ph.D (JNU, New Delhi)

- **Prof. Birendra Narain Dubey**
  Professor
  Specialization: Sociology of Education; Tribal Sociology; Social Justice and Social Movements
  Qualification: M.A., M.Phil., Ph.D (JNU, New Delhi)

- **Prof. Jaya Shrivastava**
  Professor
  Specialization: Gender Studies; Social Gerontology; Human Rights and Social Justice; Research Methodology
  Qualification: M.A. (BHU), Ph.D. (VKSU) Post Doctorate (University of Houston – Clear Lake, Texas, USA)

- **Dr. Brajesh Kumar**
  Associate Professor
  Specialization: Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education
  Qualification: M.A., Ph.D. (BHU, Varanasi)

- **Dr. Ajay Kumar**
  Assistant Professor
  Specialization: Sociology of Social Movements, Sociology of Dalits & Marginalised Communities, Sociology of Indian Society, Sociology of Rural and Urban Life in India.
  Qualification: M.A., M.Phil, Ph.D, Post Doctorate

8.6 Various Positions held's in & out the Institution -

8.7 Research Publications

8.7.1 Research Articles

Prof. Bibhuti Bhushan Malik

- Paper titled "Pradhanmantri Awas Yojab –Gramin: Bharat Me Gramin Awas Ke Badalte Paridyushya: Ek Samajsastriya Mulyankan", *Radha Kamal Mukerji: Chintan Parampara*, Vol. 1, January-June 2025, (ISSN-0974-0074), pp 55-62 (with Dipak) http://www.chintanparampara.co.in/pdf/January-June-2025.pdf
- Paper titled "Maha Kumbh Mela 2025: Socio-Religious Dimensions and Philosophy" *Manaviki: A Peer Reviewd Interdiscplinary Journal of Humanities and Social Sciences*, Vol.16, No1, April 2025, pp 24-32, ISSN-0976-0830.
- Paper titled "The Global Pandemic: A Sociological Approach" *Explorations, ISS e-journal, Vol. 9 (1)*, April 2025, pp. 20-34, ISSN 2581-5741 (With Nirakar and Vijay).
- Paper titled "Religion, Law and ASI: Ratbhandar of Jaganath Temple, *International Research Journal of Management, Sociology and Humanities,* Vol 16, Issue II, February 2025, ISSN 2277-98-09 pp 218-224 (with Vijay)
- Paper titled "Baiga Janjatiya Ka Samajik Jivan Evam Samashaye: Ek Samjashastriya Adhyayn, *Lokprashasan: Traimasik Sodh Parika*, Barsha 16, Ank 2, April-June 2024, pp.145-163, ISSN: 2249-2577 (with Dipak) "Voluntary Organisations and Rural Development in South Asia: Assumptions and Realities, by Umakanta Mohapatra, Springer, 2022", SociologicalBulletin, 16thJune 2024 (online first) {ISSN0038-0229}
- Paper titled "Sonbhadra Jile Ka Janjatiya Samaj: Smajik Arthik Jiban Ka SamjaShastriya Praprikhya,*Madhya Pradesh Samajik Vigyan Anusahnadhan Journal (M P Samajik Vigyan Anushandn kA Samkhit ArdhaBarshik)* ISSN: 0973-8568, Barsh. 21, No.2, December 2023, pp.175-191 (with Dipak)
- Paper titled "Sociology of Sanitation and Scavenging: Issue, Challenges and Concerns" Special Issue Sanitation: Issues, Challenges and Future Directions, *Scholarly Research Journal for Inter disciplinary Studies*, September-November 2024, Vol.13/16, ISSN 2278-8808, pp.46-52 (with Dilip Khairnar), available at https://www.srjis.com/issues_data/237
- Paper titled "Bharatiya Rashrtiya Ban –Nitiya Ebam Adibsiyo ke Van Adhikar: Oupnibeshik Kal Ke Purva se Ab Tak Ke Sanmajik Pariprekya Me Ek Bishleshan, *Bihar Journal of Public Administration*, Patna, New SriesVol.XX, No1, Jan-June 2023 pp229-237 (with Dipak) http://www.iipabiharbranch.org/ upload/Journal%20Volume%20XX.pdf

Prof. Manish K. Verma

- Manish K. Verma and Moni Chandra,"The Dynamics of Clean Fuel Usage in Peri-urban Areas of Uttar Pradesh: Women's Perspectives" published in Indian Journal of Gender Studies, 03.04.2025; Sage Publications, N. Delhi; https://doi.org/10.1177/09715215251323878
- Manish K. Verma,"NEP 2020: Insights for Curriculum and Content in Sociology" paper in an edited book "Sociology of India: Need for Indigenisation of Sociology for India" by Vidya Bharti Uchcha Siksha Sansthan, Research India Press, N. Delhi. (ISBN:978-81-971796-4-8)
- Manish K. Verma, "Issues and Concerns of Elderly Women in India: A Sociological Analysis". Published in Gyanshauryam, International Scientific Referred Research Journal, Issue 3, Vol. 7, May- June 2024 (ISSN-2582-0095)
- Manish K. Verma,"Fuelling Women Lives with LPG: A Sociological Study of Fuel Use Pattern Amidst Policy Intervention in Peri-Urban Areas of Uttar Pradesh", paper published in edited book, "Sustainability: Science, Policy and Practice in India- Challenges &

Opportunities" by Venkatesh Dutta & Priyanka Ghosh, Springer Nature, Germany. 7th February 2024. (ISBN: 978-3-031-50134-0)

- Manish K. Verma, "Economic Inclusion of Transgender Community" paper published in Journal Shodh Disha, Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)
- Manish K. Verma,"Pandemic, Work from Home and Intimate Partner Violence Against Women: An Exploration of Women's Coping Mechanism" paper published in Journal Shodh Disha (UGC Care Listed Journal), Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)
- Manish K. Verma,*"The Prevalence of Elderly Abuse in India: A Sociological Analysis"*paper published in Journal Shodh Disha, Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)
- Manish K. Verma, "*Mapping Social-Legal Identity and Inequality: A Sociological Exploration of the Impact of Covid-19 Pandemic on Women Street Vendors in Urban Areas"*paper published in Journal Journal of Social Responsibility Tourism and Hospitality Vol 03(No. 06):13-25, September 2023 DOI: 10.55529/jsrth.36.13.25

Dr. Brajesh Kumar

- Brajesh Kumar "मीराबाई भक्ति और विरोध की काव्यित्री", *मिरायन,* Vol. 18, No. 04, pp. 11-13. (ISBN 2455-6033) "भारत में जनजातीय महिलाओं की सामाजिक थिक एवं शक्षणिक स्थिति", In Sushmita Singh, Neelaksh Pithauria, & Chhaya Kumari (Eds). *Contemporary Gender Studies: Issues and Trends*. Pp. 163-177. (2024). Kharghar: Peoples Literature Publication (ISBN 978-81-957203-4-7)

Dr. Ajay Kumar

- Ajay Kumar, (2024), "Bharteey Samajshastra mein Jati Evam Dalit Prashn: Ek Saiddhantik Sameeksha" A research paper has been published in Bhartiya Samajshastra Sameeksha, Journal of *INDIAN SOCIOLOGICAL SOCIETY (ISSN 2349-1396).* Volume-11, Issue-2, December 2024, *Published by SAGE Publications.*
- Ajay Kumar, (2024), "Hindi Kshetra ki Dalit Patrkarita: Etihasik Sandarbh Samkaleen Prasangikta" A research Paper has been published in Madhya Pradesh Samajik Vigyan Anusandhan journal *(ISSN 0973-8568)* Vol. 21-2, December-2023, Published by M. P. Institute of Social Science Research (MPISSR), Ujjain, Madhya Pradesh.
- Ajay Kumar, Koushlendra, Pratap singh (2024) *"Bharat mein Samaj Kary Abhyas: Naveen Paripreksh*ya *evam Moolbhut Mulyon ki Prasangikta"* A research Paper has been published in Himanjali journal Indian Institute of Advanced Study, Shimla (ISSN 2349-4905). Vol.–28, July-December (pg.46-50). Published by Indian Institute of Advanced Study,Shimla, Rashtrapati Nivas Shimla.UGC Care Listed.
- Ajay Kumar, (2024), "Dalit Gyan ki Deshaj Parampara: Uttar Bharat mein Dalit Angik Gyan ki Nirmiti aur Adhunik Moolybodh Vaya Hindi Dalit Patrakarita" A research paper has been published in Banaas Jan Journal *(ISSN 2231-6558).*

8.7.2 Books / Edited Books

Prof. Manish K. Verma

- Manish K. Verma edited book on "New Education Policy, Sustainable Development and Nation Building: Perspectives, Issues and Challenges" published from Rutledge, Taylor & Francis Group, UK. (ISBN: 13: 978-1032996417)
- Manish K. Verma edited book on "Education and Sustainable Development: Challenges, Opportunities & Future Prospects" published from Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-316-1432-7)
- Manish K. Verma and Sanjay Srivastava edited Book on "A Roadmap for Inclusive Development: National Education Policy (2020), Sustainable Development Goals and Policy Integration" published from Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 9788131614600)
- Manish K. Verma edited Book on *"नई शिक्षा नीति एवं भारत में समावेशी विकासः सम्भावनाएँ, चुनौतियाँ एवं नवीनीकरण (New Education Policy and Inclusive Development in India)"* published from Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-3161468-6)

Dr.Ajay Kumar

- Ajay Kumar, ***अधीनस्थ की ज्ञानमीमांसाः समाजशास्त्र में दलित एवं दलित प्रश्नों की □ड़ताल,*** Published by Indian Institute of Advanced Study, Rashtrapati Nivas Shimla, (H.P.) ISBN: 978-93-82396-97-0, 2024.

8.7.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Bibhuti Bhushan Malik

- Bibhuti Bhushan Malik, Vijay Lakshmi Mall "Dalit Movement in Odisha: 'Castes in Caste' and the Politics of Partisan" in Abha Chauhan, Ajailiu Niumai, Tattwamasi Paltasing (ed) *Hundred Years of Sociology in India: Evolving Issues, Emerging Trends*, Springer, New Delhi 2025 (with Vijay) ISBN No. 978-981-96-1316-8(Page No. 85-96)
- Bibhuti Bhushan Malik "Environment and Development: Ethical and Empirical Paradox" in Kameshwar Choudhary and B.K. Nagla (ed.) *Modernity, Globalization, and Social Stratification,* Rawat Publications, New Delhi, 2024 (with Nirakar) ISBN No. 978-81-316-1364-1, (Page No. 85-96)

Prof. Manish K. Verma

- Manish K. Verma edited book on "Education and Sustainable Development: Challenges, Opportunities & Future Prospects". Chapter published in "Education and Sustainable Development: Challenges, Opportunities & Future Prospects", published by Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-316-1432-7)
- Manish K. Verma and Sanjay Srivastava edited book on "A Roadmap for Inclusive Development: National Education Policy (2020), Sustainable Development Goals and Policy Integration." published by Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-316-1460-0)
- Manish K. Verma edited book on *"Family Dynamics and ECCE During the Pandemic Era"* Chapter published in "A Roadmap for Inclusive Development: National Education Policy (2020), Sustainable Development Goals and Policy Integration." published by Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-316-1460-0)

- Manish K. Verma edited book on *"**नई शिक्षा नीति एवं भारत में समावेशी विकासः सम्भावनाएँ, चुनौतियाँ एवं नवीनीकरण** (New Education Policy and Inclusive Development in India)"* published by Rawat Publications, Jaipur & N. Delhi. 2025. (ISBN: 978-81-3161468-6)
- Manish K. Verma published paper in edited book"Sociology of India: Need for Indigenisation of Sociology for India" on "NEP 2020: Insights for Curriculum and Content in Sociology" by Vidya Bharti Uchcha Siksha Sansthan, Research India Press, N. Delhi. (ISBN:978-81-971796-4-8)

Dr. Brajesh Kumar

- दीपक कुमार खरवार एवं ब्रजेश कुमार, "भारत में जनजातीय महिलाओं की सामाजिक आर्थिक एवं शैक्षणिक स्थिति", In Sushmita Singh, Neelaksh Pithauria, & Chhaya Kumari (Eds). *Contemporary Gender Studies: Issues and Trends*. Pp. 163-177. (2024). Kharghar: Peoples Literature Publication (ISBN 978-81-957203-4-7)

Dr. Ajay Kumar

- Ajay Kumar (2024), ″Dalit Itihas Lekhan: Vaikalpik Adhinasth Samajshastra Ki Talash mein Ek Sameekshatmak Mulyankan″ *in* Vivek Kumar (Ed.), Kamjor Vargo ka Samajshastra: Dalit, Janjati samaj evam Mahilaye (pg.107-132), ISBN 978-81-316-1359-7. INDIAN SOCIOLOGICAL SOCIETY, Rawat Publication, New Delhi.
- Ajay Kumar (2024), ″Gandhi-Ambedkar: The Space for Shared Dreams″ *in* Rajeev Gupta (Ed.), Mahatma Gandhi Evam Ahinsha Ka Samajshastra (pg.174-209), ISBN 978-81-316-1358-0. INDIAN SOCIOLOGICAL SOCIETY, Rawat Publication, New Delhi.

8.7.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Bibhuti Bhushan Malik

- Bibhuti Bhushan Malik, Delivered a Lecture on 'Identifying Social Practices Hindering Gender Parity' as a Resource Person at B Ed II Workshop organized by IGNOU, Shree Jain Nrayan Mishra P.G. College, Lucknow, on 29th May 2025.
- Bibhuti Bhushan Malik, Presented a Paper on 'The Nuances of SDG and its Social Ramification: A Critical Reflection on Development' at the International Confercne organized by IInd South Asian Sociological Society Conference organized at Dubai, UAE, 23-25 March, 2025.
- Bibhuti Bhushan Malik, Presenteda Paper on "*BSP Politics in Uttar Pradesh: Issues and Concerns"*att h e 48thAll-India Sociological Conference, organised by the Indian Sociological Society, BML Munjal University, Gurugram, Haryana, 22-24 December, 2024.
- Bibhuti Bhushan Malik, Delivered a Lecture on 'Sustainable Development and Contemporary Challenges' as a Resource Person at an International Conference organized in Collaboration with Fatma Degree College, Patna, by the Educational Development Council on 7- 8 December 2024.
- Bibhuti Bhushan Malik, Chaired a Session and spoke on "Scavenging: Polices and Technology" at a National Seminar Organised by the Gokhale Institute of Economics and Politics, Pune, in collaboration with the All-India Sociological Society on 24 September 2024.

- Bibhuti Bhushan Malik, Presented paper on "Sociology of Sanitation: Concerns and Challenges" at a National Seminar Organised by Gokhale Institute of Economics and Politics, Pune, in collaboration with All-India Sociological Society on 23-24 September 2024
- Bibhuti Bhushan Malik, Delivered a Lecture on "NEP 2020: A Sociological Insight" organised by IGNOU, Shree Jain Narayan Mishra P G College for PG Diploma in Higher Education-Extended Contact Progrrame on 12April 2025
- Bibhuti Bhushan Malik, Delivered a Lecture on "Public Policy and Social Science Research: The Nuances of Development" organised by UGC Malviya Mission Teacher Training Centre, Sardar Patel University, Anand, Gujarat on 13thFebruary 2025
- Bibhuti Bhushan Malik, Delivered a Lecture on "Policy Making and Social Science Research" organised by UGC Malviya Mission Teacher Training Centre, University of Lucknow, Lucknow on 12th December 2024
- Bibhuti Bhushan Malik, Delivered a Lecture on "Achieving Excellence through Accreditation and Ranking: Standards and Requirements" organised by Amity University Lucknow Campus Lucknow on 4th December 2024
- Bibhuti Bhushan Malik, Delivered Lecture on "Contemporary Social Theory, Modernity and Post Modernity" organised by UGC Malviya Mission Teacher Training Centre, BHU, Varanasi, 29th November 2024.
- Bibhuti Bhushan Malik, Delivered Lecture on "Indian Knowledge System: Philosophy and concepts" organised by UGC Malviya Mission Teacher Training Centre, Pt. Ravishankar Shukla University, Raipur (C.G.) 28th November 2024
- Bibhuti Bhushan Malik, Delivered Lecture on "Emerging Trends in Education and Action Challenges" organised by IGNOU Regional Centre, Shri Jai Narain Misra P G College Lucknow on 30th May 2024
- Bibhuti Bhushan Malik, Delivered Lecture on "Importance of Dr. B.R. Ambedkar's Ideas on Education and Social Justice in Present Scenario" organised by IGNOU Regional Centre, Shri Jai Narain Misra P G College Lucknow on 14th April 2024.

Prof. Manish K. Verma

- Prof. Manish K. Verma delivered Valedictory address titled, "New Education Policy, Sustainable Development and Nation Building" on 28th May 2025 in the 16th Two Week Online Programme on "NEP Orientation and Sensitization Programme" organized by UGC MMTTC, Central University of Punjab, Bhatinda.
- Prof. Manish K. Verma delivered an Invited Lecture as Special Guest in a National Level Lecture Series on 18th May 2025 on the theme "Environmental Conservation and Sustainable Development: Issues and Movements" organized by RC 27: Sociology of Care, Indian Sociological Society, N. Delhi.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 19th May 2025 on the theme "Aik Rastra Aik Election Kyon" organized by the Shradhyey Kalyan Singh Sanatan Seva Smriri Nyas, Lucknow.
- Prof. Manish K. Verma delivered Valedictory address on 2nd May 2025 as Chief Guest in ICSSR Sponsored 10 Days Research Methodology Workshop held during 23 April to 2nd May, 2025, organized by the Department of Education, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Prof. Manish K. Verma delivered Valedictory address as Resource Person in 2nd Bihar Sociological Association (BSA) Conference Organized on the theme, "Education,

Development and Social Change: Challenges and Opportunities in Bihar" held during 21-22 April, 2025 at the Department of Sociology, Magadh University, Bodh Gaya, Bihar.

- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 12th March 2025 on the theme "Reforms in Higher Education in India and the Role of Teachers" to the participants of a online two week Refresher Course in Sociology and Social Anthropology held during 10th to 25th March 2025, organized by the UGC-MMTTC, Himachal Pradesh University, Shimla, H.P.
- Prof. Manish K. Verma delivered two Invited Lecture as Resource Person on 17th February 2025 on the theme "Reforms in Higher Education in India and the Role of Teachers" to the participants of an online Two Week "Refresher Course in Sociology & Anthropology" organized by the UGC-MMTTC, University of Lucknow, Lucknow, U.P.
- Prof. Manish K. Verma chaired a session on "Ageing and the Role of Technology" in a two-day National Seminar organized on "Ageing with Dignity: Opportunities and Innovations in Policy and Practices"held during February 14-15, 2025by the Giri Institute of Development Studies, Lucknow, U.P.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 12th February 2025 on the theme "Reforms in Higher Education in India" to the participants of an online Two Week "Refresher Course in Social Sciences" organized by the UGC-MMTTC, Sardar Patel University, Anand, Gujarat.
- Prof. Manish K. Verma delivered Valedictory address as Resource Person in an Interdisciplinary International Conference Organized on the theme, "Technology, Ethics and the Environment: Navigating the Future of Sustainable Society" in 30th Rajasthan Sociological Association (RSA) Conference held during January 10-11, 2025 at the Department of Sociology, Govt. Meera Girls College, Udaipur.
- Prof. Manish K. Verma delivered Inaugural Lecture as Resource Person on 'Globalization, Modernization and Care: Need for an Alternative Development Paradigm' in RC 27, Sociology of Care, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma delivered Invited Lecture as Resource Person on 'Globalization, Modernization and Media in the 21st Century' in RC 20, Media Studies, during 49th All India Sociological Conference held during 22-24 December, 2024 organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma chaired a session on 'Gender and Society' in RC 10, Gender Studies, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma delivered Invited Lecture as Resource Person on 'Relevance of Indian Knowledge System in Contemporary Times' in Ad-hoc Group 4, Indian Sociology and Knowledge Systems, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma chaired a session on 'Globalization and Society' in RC 14, Globalization and Society, during 49th All India Sociological Conference held during 22-24

December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.

- Prof. Manish K. Verma chaired a session on 'Environment and Society' in RC 11, Sociology of Environment, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma chaired a session on 'Urbanization and Society' in RC 19, Urban Studies, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma chaired a session on 'Significance of Sports in Society' in RC 25, Sociology of Sports, during 49th All India Sociological Conference held during 22-24 December, 2024, organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 16th December 2024 on the theme "Wholistic Multidisciplinary Education" to the participants of an online Two Week "NEP Orientation and Sensitization Program" organized by the UGC-MMTTC, Central University of Punjab, Bhatinda.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 13th December 2025 on the theme "Basic Tenets of Research; Relevance of Methodology in Social Science Research" held during 6-15January, 2025 in ICSSR Sociology, SoA University, Bhubaneshwar, Orissa.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 13th December 2025 on the theme "Key Conceptual Shifts in the Social Science Research in Recent Decades and Emerging Themes in Social Science Research in the Global context" held during 6-15 January, 2025, in ICSSR sponsored Ten Days Research Methodology Program organized by the Department of Sociology, SoA University, Bhubaneshwar, Orissa.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 7th December 2024 on the theme "Basic Tenets of Research; Relevance of Methodology in Social Science Research" held during 2-12 December, 2024 in ICSSR Sponsored Ten Days Research Methodology Program organized by the Department of Folklore, University of Kalyani, Nadia, West Bengal..
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 7th December 2024 on the theme "Key Conceptual Shifts in the Social Science Research in Recent Decades and Emerging Themes in Social Science Research in the Global context"held during 2-12 December, 2024 in ICSSR sponsored Ten Days Research Methodology Program organized by the Department of Folklore, University of Kalyani, Nadia, West Bengal.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 18th November 2024 on the theme "Indian Knowledge System and Environment" to the participants of an online Refresher Course in Social Sciences organized by the UGC-MMTTC, Pt. Ravi Shankar Shukla University, Raipur, Chhattisgarh.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 12th November 2024 on the theme "Development, Marginality and the Issues of Displacement" to the

participants of an online Short-term Course on Environment Studies & Sustainable Development held during 11-16 November, 2024, organized by the UGC-MMTTC, Himachal Pradesh University, Shimla, H.P.

- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 16th October 2024 on the theme "Ethics in Social Science Research" to the participants of an online Refresher Course in Social Sciences organized by the UGC-MMTTC, Patna University, Patna, Bihar.
- Prof. Manish K. Verma delivered two Invited Lecture as Resource Person on 8th August 2024 on the theme "Development, Marginality and Issues of Displacement" to the participants of an online Refresher Course on "Contemporary Perspective in Sociological Inquiry" organized by the UGC-MMTTC, Iswar Saran PG College, Prayagraj.
- Prof. Manish K. Verma delivered an Invited Lecture on 8th July' 2024 on the theme "Meaning and Aspects of Research and Social Science Research" in a two-week Capacity Building Program for faculty Members of Social Sciences held during 8-20 July, 2024, organized by School of Social Sciences, Assam Kaziranga University, Jorhat.
- Prof. Manish K. Verma delivered an Invited Lecture as Chief Guest on 8th July' 2024 on the theme "Inter-disciplinary Social Science Research towards Self-reliant India" in a two-week Capacity Building Program for faculty Members of Social Sciences, held during 8-20 July, 2024, organized by School of Social Sciences, Assam Kaziranga University, Jorhat.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'How to Conduct Social Research' to the students and research scholars of Various Universities of India, on 17 June, organized by Indian Research Scholars Association.
- Prof. Manish K. Verma delivered an Invited Lecture on 8th July' 2024 on the theme "Meaning and Aspects of Research and Social Science Research" in a two-week Capacity Building Program for faculty Members of Social Sciences, held during 8-20 July, 2024, organized by School of Social Sciences, Assam Kaziranga University, Jorhat.
- Prof. Manish K. Verma delivered an Invited Lecture as Chief Guest on 8th July' 2024 on the theme "Inter-disciplinary Social Science Research towards Self-reliant India" in a two-week Capacity Building Program for faculty Members of Social Sciences, held during 8-20 July, 2024, organized by School of Social Sciences, Assam Kaziranga University, Jorhat.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'How to Conduct Social Research' to the students and research scholars of Various Universities of India, on 17 June, 2024, organized by Indian Research scholars Association.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on "Our Land Our People" to the officers and employees of Indian Railways, Lucknow on 5th June 2024 on the Occasion of "World Environment Day" with the aim to sensitize people about the impact of behavioural change on the environment.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on the theme "NEP and Higher Education in India" on 5th June 2024 to the participants of 6th NEP (Orientation and Sensitization) held during 27 May – 5 June, 2024, organized by the UGC-MMTTC, DDU, Gorakhpur University, Gorakhpur.
- Prof. Manish K. Verma delivered an Invited Lecture as Special Guest on 'Various Aspects of Indian Knowledge system' in a Webinar organized on 29th May 2024 by Government Arts and science College, Tala Satna, M.P.

- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'Orientation Lecture on Sociology'on 17 April, 2024to the students and research scholars of Punjab Central University, Bathinda.
- Prof. Manish K. Verma chaired a session on "Environment, Climate Change and Sustainable Development" in a three-day 19th Annual Conference of Uttar Pradesh-Uttarakhand Economic Association (UPUEA) held during 13-15 April, 2024, on "Sustaining Growth with Equity: Sectoral Growth, Trade and Social Protection in the 21st Century" organizedby the Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. scheduled during April 13-15, 2024.
- Prof. Manish K. Verma delivered Bella Dutta Gupta Memorial Lecture on "Environment and Sustainable Development: Indian Context", held on 27th March 2024 organized by the Department of Sociology, University of Calcutta, Kolkatta.
- Prof. Manish K. Verma delivered Valedictory address as Resource Person in a National Seminar Organized on the theme, "Basic Indian Social Institutions: Continuity and Change"held during19-20 March, 2024by the department of Sociology, DDU Gorakhpur University, Gorakhpur.
- Prof. Manish K. Vermadelivered a lecture as Chief Guest in a national Seminar organized on the theme, "Various Dimensions of Social Empowerment in the Concept of Developed India" on 20 March, 2024,jointly organized by Samajik Shasaktikaran Bahu-Uddesiye Sanstha, Vardha, Dr. Ambedkar College of Social Work Vardha, Social Work Department Matts University, Raipur, and, Social Work Department, Sri Rawatpura Sarkar University, Raipur.
- Prof. Manish K. Vermadelivered an Invited Lecture as Resource Person on 'Revisiting 100 Years of Indian Sociology: Text, Context and Future Pedagogy' held during 13-14 March, 2024,organized by the Department of Sociology, University of Lucknow, Lucknow.
- Prof. Manish K. Vermadelivered an Invited Lecture as Resource Person on 'The impact of Pradhan Mantri Awas Yojana (PMAY)' on9th March 2024 in an ICSSR Sponsored impact assessment workshop organized by KKV College, University of Lucknow.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'An Analysis of Effectiveness of Beti Bachao Beti Padhao Program to Save, Educate and Empower the Girl Child in Uttar Pradesh' on 8th March 2024, in an ICSSR Sponsored impact assessment workshop organized by the Department of education, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'How to Write a research proposal: Main Elements, Identification and Presentation of Issues' on 27th January 2024 in an ICSSR Sponsored Two Week Capacity Building Program organized by the Department of Sociology, Central University of Panjab, Bhatinda.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'Report Writing and References in Report Writing (APA)' on 27th January 2024in an ICSSR Sponsored Two Week Capacity Building Program organized by the Department of Sociology, Central University of Panjab, Bhatinda.
- Prof. Manish K. Verma delivered an Invited Lecture as Resource Person on 'Need for Indigenous Sociology in India' in a ICSSR Sponsored Two Days Workshop held during 19-20 January, 2024, on the theme, "Revisiting Sociology: Text, Context, Pedagogy" by the

G.B. Pant Social Science Institute, Prayagraj in collaboration with Vidy Bharti Uchcha Shiksha Sansthan.

Prof. Birendra N. Dubey

- Prof. Birendra N. Dubey delivered a lecture on "Globalization and Privatization- Its' implications for Higher Education in India'' dated 16th April, 2025 at ECP of PGDHE , Sri JN PG College, Lucknow.
- Prof. Birendra N. Dubey delivered a lectures on "NEP, 2020 and Emerging Issues in Higher Education of India'' dated 16th April, 2025 at ECP of PGDHE , Sri JN PG College, Lucknow.
- Prof. Birendra N. Dubey delivered a lecture on "Role of Education on PM-Kisan Scheme in Uttar Pradesh" December 22, 2024 in RC 05, Sociology of Education during 49th All India Sociological Conference organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram on 22-24 December, 2024.

- Prof. Birendra N. Dubey chaired a Session on December 23, 2024 in RC 25 session 6, Sociology of Sport, during 49th All India Sociological Conference organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram on 22-24 December, 2024.
- Prof. Birendra N. Dubey chaired a Session on December 24, 2024 in RC 05, Sociology of Education during 49th All India Sociological Conference organized on the theme "Sociology, Development & Democracy" by the BML Munjal University, Gurugram on 22-24 December, 2024.
- Prof. Birendra N. Dubey delivered two lectures on "Globalization and Privatization and Higher Education in India'' dated 16th December, 2024 at UGC-MMTTC (HRDC), University of Lucknow**.**

Prof. Jaya Shrivastava

- Prof. Jaya Shrivastava attended, participated and presented (online) a paper entitled "Menstrual Hygiene Management and Everyday Lived Experiences of Women Slum Dwellers of India" in VII. Conference of the International Alfred Schurz Circle for Phenomenology and Interpretive Social Science organized by Alfred Schutz Circle of Phenomenology and Department of Sociology, University of Vienna, Austria on April 26th, 2025.
- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "The Evading Landscapeof Environmental Consciousness in a Globalized Society" in the first session ofthe Multidisciplinary Refresher Course organized in Social Work and Anthropology for Assistant and Associate Professors by **UGC-MMTTC**, University of Lucknow, Lucknow on 28thFebruary 2025.
- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "Qualitative Research Methods: Exploring Human Experiences" in the second session of the Multidisciplinary Refresher Course organized in Social Work and Anthropology for Assistant and Associate Professors by **UGC-MMTTC**, University of Lucknow, Lucknow on 28th February 2025.
- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "Globalization, Climate Change and Environmental Consciousness" in the 91strefresher course in "**Social Sciences**" for the professional development of university and college teachers organized by **UGC-MMTTC**, Sardar Patel University, Vallabh Vidyanagar, Gujarat on 11thFebruary 2025.

- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "Exploring Intersectionality: Caste, Gender and the Multiple Forms of Discrimination Faced by Dalit Women in India" in the refresher course in "**Sociology and Social Work**" for Assistant Professors of Sociology and Social Work from Universities and colleges across India organized by **UGC-MMTTC**, Maulana Azad National Urdu University, Hyderabad on 28thJanuary 2025.
- Prof. Jaya Shrivastava chaired one-day workshop and delivered presidential address on "Lohiya Ke Sapno Ke Bharat" organized by Dr. Ram Manohar LohiyaShodhpeeth Department of Sociology, University of Lucknow, Lucknow, on 21st January2025.
- Prof. Jaya Shrivastava delivered an invited lecture as a Plenary Speaker on the topic "Globalization, Environmental Consciousness and Climate Change with a focus on perspectives from the USA and India" at the three-day International Conference on "Population and Development 2024: Navigating Challenges and Exploring Opportunities"organized by International Sociological Associationand JNPG, College, Lucknow on 20thNovember 2024.
- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "Alternative Research Approaches to the Identification of Marginalized Local People's Problems and their Solutions" in a refresher course in "**Social Sciences**" for the professional development of university and college teachers organized by **UGC-MMTTC**, Pt. Ravishanakr Shukla University, Raipur, Chhattisgarh, on 21stNovember 2024.
- Prof. Jaya Shrivastava delivered an invited lecture as a Resource Person on the topic "Higher Education and Society" in the Two-Week Programme on "NEP Orientation & Sensitization Programme" organized by **UGC-MMTTC**, Central University of Punjab, Bhatinda on 21stOctober 2024.

Dr. Brajesh Kumar

- Brajesh Kumar delivered a lecture on 'Philosophical Basis of Sociological Knowledge' in a National Seminar on "Thinking Sociologically and the Scope of Sociology (Methods and Methodologies)" Organised by Arya Mahila P.G. College, Varanasi, April 19, 2024.
- Brajesh Kumar delivered a lecture on 'Sociological Dimensions of Cultural Tourism' in the Management Development Programme on "Tourism and Travel Management in India" Organised by Department of Management Studies, BBAU, Lucknow, January 28 – February 01, 2025.
- Brajesh Kumar delivered a lecture on 'Universe, Nature & Types of Sampling: Probability Sampling' in the "Ten Days Research Methodology Workshop in Social Sciences" Organised by the Dr. Ram Manohar Lohia Chair at the Department of Sociology, University of Lucknow, Lucknow, February 24 – March 07, 2025.
- Brajesh Kumar delivered a lecture on 'Qualitative and Quantitative Research Designs – Grounded Theory, Case Study' in the "Ten Days Research Methodology Workshop in Social Sciences" Organised by the Dr. Ram Manohar Lohia Chair at the Department of Sociology, University of Lucknow, Lucknow, February 24 – March 07, 2025.

Dr. Ajay Kumar

- presented a paper on *"समकालीन भारत में डॉ.अम्बेडकर की उपस्थिति : समाज, राजनीति और साहित्य के सन्दर्भ में"* in the Two Days National Seminar on "Dr. B.R. Ambedkar's Vision of Equality and Social Justice in Modern India" 11-12, April 2025, Organized by Centre

for the Study of Social Inclusion (CSSI) Faculty of Social Sciences, Banaras Hindu University, Varanasi.

- presented a paper on *"लोकतंत्र के लोक में डॉ.अम्बेडकर दलित एवं दलित आन्दोलन"* in the Two Days National Seminar on "Dr. B.R. Ambedkar's Vision of Equality and Social Justice in Modern India" 11-12, April 2025, Organized by Centre for the Study of Social Inclusion (CSSI) Faculty of Social Sciences, Banaras Hindu University, Varanasi. (Jointly presented with Mohini Gautam).
- presented a paper on *"समकालीन परिदृश्य में जातिगत भेदभाव और अंबेडकर के विचारों की प्रासंगिकता"* Two Days National Seminar on "Dr. B.R. Ambedkar's Vision of Equality and Social Justice in Modern India" 11-12, April 2025, Organized by Centre for the Study of Social Inclusion (CSSI) Faculty of Social Sciences, Banaras Hindu University, Varanasi. (Jointly presented wih Dipak Kharwar).
- Chaired & Organized a Session on (Online mode) "South Asian Society: Today and Tomorrow" in the International Conference on South Asian Society: Today and Tomorrow, organised by the South Asian Sociological Society, Conference Held in Dubai, UAE, 23-26 March 2025.
- Presented a paper on (Online mode) *"भारत में उत्तर-उदारीकरण दौर में नव-सामाजिक आंदोलनों का उभार एवं नागरिक अधिकार सक्रियता"* in the International Conference on South Asian Society: Today and Tomorrow, organised by the South Asian Sociological Society, Conference Held in Dubai, UAE, 23-26 March 2025.
- Presented a paper on (Online mode) "Assessing Health Care-Seeking Behaviour Among Tribal Adolescent Girls: A Community-Based Study in Bilaspur District, Chhattisgarh" in the International Conference on South Asian Society: Today and Tomorrow, organised by the South Asian Sociological Society, Conference Held in Dubai, UAE, 23-26 March 2025. (Jointly presented with Mohini Gautam).
- Participated a Two Day National Seminar on Women Led Development: Arising Concerns &Strategies for Viksit Bhart@Vision 2047. Sponsored by ICSSR, New Delhi & Organized by the Department of Social Work University of Lucknow on 22nd -23rd March, 2025.
- Presented a paper on (AD HOC Research Committee-04, Indian Sociology and Knowledge System) *"Centenary of Sociology in India: The Question of Presence and absence of indigenous Sociology and Indigenization in text and context"* in the 49th All India Sociological Conference on Sociology, Development and Democracy, Organised by the School of Liberal Studies, BML Munjal University, Gurugram, 22th-24th December, 2024.
- Presented a paper on (RC-09: Dalit Studies) *"Interrelationship between Dalit organic intellectuals, Hindi Dalit journalism and Dalit printing presses of North India: Some sociological reflections"* in the 49th All India Sociological Conference on Sociology, Development and Democracy, Organised by the School of Liberal Studies, BML Munjal University, Gurugram, 22th-24th December, 2024.
- Presented a paper on (RC-17: Social Movements) *"Democracy, civil rights activism and the Rise of Neo-Social Movements in the Post-Liberalization Era"* in the 49th All India

Sociological Conference on Sociology, Development and Democracy, Organised by the School of Liberal Studies, BML Munjal University, Gurugram, 22th-24th December, 2024.

- Presented a paper on 'भारत में समाजशास्त्र की शताब्दी :सवाल दष्ाज समाजशास्त्र एव दष्ीकरण की उपस्थिति एवअनुपस्थिति का-Centenary of Sociology in India: The Question of Presence and Absence of Indigenous Sociology and Indigenization' in the ICSSR sponsored two-day National workshop on 'Revisiting Sociology: Text, Context, Pedagogy' on 19-20, January 2024 at Govind Ballabh Pant Social Science Institute, Prayagraj.

8.7.5 Research Supervision

8.7.5.1 Ongoing Supervision

Prof. B. B. Malik

- Shashank Shukla has enrolled for a Ph.D. with the thesis titled- बदलती कृषि पद्धतियाँ एवं उभरते प्रतिमानः बस्ती जिला का एक समाजशास्त्रीय अध्ययन
- Kajal Manikrao Wankar has enrolled for a Ph.D. with the thesis titled "Ambedkar Buddhism, Deeksha Bhoomi and Religious Congregation: A Sociological Study"

Prof. M. K. Verma

- Riya Singh has enrolled for a Ph.D. with the thesis titled "Work from Home and Changing Dynamics of Family Structure in the Age of Covid-19 Pandemic: A Sociological Study of Selected States of India"
- Abhilasha Dohare Singh has enrolled for a Ph.D. with the thesis titled "E-Waste Management, Workers' Health and Sustainability: A Sociological Study of Selected Plants of Uttar Pradesh"
- Ashish Kumar Verma has enrolled for a Ph.D. with the thesis titled "Swachh Bharat Mission and Sustainable Development Goals: A Sociological Analysis of Peri-Urban Lucknow City"
- Shivani has enrolled for a Ph.D. with the thesis titled "Autonomy, Social Stratification and Workers' Well-Being: A Sociological Study of Gig Workers in Selected Urban Cities"

Prof. B.N. Dubey

- Agnivesh Pandey has enrolled for a Ph.D. with the thesis titled "Corporate Social Responsibility and Local Area Community Development: A Study of Selected Companies of North India"
- Shruti Singh has enrolled for a Ph.D. with the thesis titled "Access, Equity, Social Justice and Dalit Women: A Sociological Study of Public and Private Universities of Lucknow District."
- Ashwani Umar has enrolled for a Ph.D. with the thesis titled "Post-Pandemic Emerging Trends in Higher Education: A Sociological Study of Students' Learning Outcomes from Selected Universities of Lucknow"
- Vanlalawmkimi has enrolled for a Ph.D. with the thesis titled "Ethnicity, Recognition and Belonging: A Sociological Study of the Lai and Mara Tribe of the Sixth Schedule Area of Mizoram."
- Shashi Kumar has enrolled for a Ph.D. with the thesis titled "Resettlement, Livelihood and Development of Slum Dwellers: A Comparative Study of Two Colonies of Delhi."

Prof. Jaya Shrivastava

- Simran has enrolled for a Ph.D. with the thesis titled "Transphobia,Transgenderism and Challenges of Social Inclusion: A Sociological Study of Lucknow District"
- Rima Bardhan has enrolled for a Ph.D. with the thesis titled "Everyday Discourses of Reproductive Health: A Sociological Study of Women of Sunderbans of India and Bangladesh"

Dr. Brajesh Kumar

- Anand Kumar has enrolled for a Ph.D. with the thesis titled "Social Media and Cast Identity Among Youth: A Sociological Study of Selected Universities in Lucknow"
- Amir Faisal has enrolled for a Ph.D. with the thesis titled. पसमांदा मुसलमानों में पहचान निर्माण एवं सामाजिक गतिशीलताः उत्तर प्रदेश के मऊ नगर का एक समाजशास्त्रीय अध्ययन
- Shivam Patel has enrolled for a Ph.D. with the thesis titled- हिन्दू त्यौहार, अनुष्ठान एवं तीर्थयात्राः वाराणसी में बदलते धार्मिक प्रतिमानों का एक समाजशास्त्रीय अध्ययन

Dr. Ajay Kumar

- Ashka Raj has enrolled for a Ph.D. with the thesis titled "Friendship, Social Status and Identities: A Sociological Study of Selected Universities of Delhi and Lucknow"
- Mehtab Khan has enrolled for a Ph.D. with the thesis titled "Youth Migration, Settlement Issues and Adaptation Strategies: A Sociological Study of Delhi."

8.7.5.2 Ph.D. Awarded

Prof. K. Choudhary

- Ph. D awarded to Ashok Kumar Sonkar on the thesis titled- दलितों में वर्ग विभाजन एवं विकास : इलाहाबाद जिले के चयनित गॉवो का अध्ययन (Class Division among Dalits and Development: A Study of selected Villages of Allahabad District) in 2024.

Prof. Manish K. Verma

- Ph. D awarded to Km. Manisha on the thesis titled . महिलायें, वृद्धावस्था एवं स्वास्थ्यः बिहार के छपरा जिला का एक समाजशास्त्रीय अध्ययन (Women, Ageing and Health: A Sociological Study of Chapra District of Bihar) in 2024.

Prof. B.N. Dubey

- Ph.D awarded to Abhishek Kumar on the thesis titled "Digitalization in India and Women: A Sociological Study of Hazaribag District" in -2024.
- Ph.D awarded to Durga Prasad Yadav on the thesis titled - "भारत में दिव्यांगजन की उच्च शिक्षा संबन्धित सरकारी नीतियांः लखनऊ शहर के चयनित विश्वविद्यालयों का समाजशास्त्रीय अध्ययन" (Government Policies for Higher Education of Differently Abled People in India: A Sociological Study of Selected Universities in Lucknow City) in 2024.

8.7.6 Projects/Consultancy/and any other

8.7.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Bibhuti Bhushan Malik

- National Education Excellence Award by the Educational Development Council, Patna, on 7th December 2024.

Dr. Ajay Kumar

- Chhatrapati Shahuji Maharaj National Award-2025 Award by the Bodhisattva Babasaheb Today Monthly Magazine, Buddha-Ambedkar Welfare Association, Lucknow, Uttar Pradesh on 14-06-2025.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	**16**
2.	Total number of journal publications by Department (International)	**5**
3.	Total number of publications in conference proceedings	**1**
4.	Total number of workshops/conferences/seminars/etc organized by Department	**-**
5.	Total number of PhD degree awarded by Department	**04**
6.	Total number of PG students	**84**
7.	Total number of UG students	**-**
8.	Total number of diploma/certificates students (if any)	**-**
9.	Total number of students placed	**03**
10	Total number of Award and Medals	**02**
11	Total number of Patents/copyright filed/granted	**-**
12	Total number of sponsored research project sanctioned	**-**
13	Total number of consultancy projects sanctioned	**-**
14	Total number of MOOCs courses developed	**-**
15	Total number of MOOCs courses completed by students	**-**
16	Total number of students qualifying National level examinations	**18**
17	Total number of students opted for higher studies	**14**

Department of Public Administration

About the Department

The Department of Public Administration is established in year of 2015. The department is dedicated to promote teaching and research in the emerging fields of public administration specially public policy and governance, comparative public administration, personnel administration, civil services reforms, development administration and development debate, financial administration, urban and rural governance, global governance issues, e-governance, exclusion and inclusive policy and human rights while maintaining the scholarship in some of the conventional fields like theory and philosophy of governance etc.

The department has three permanent teachers with two resources person and one seat of SC category is vacant. The department has around 200 hundred students. Since its inception, the department has been concentrating on maintaining global standards in its teaching as well as co-curriculum activities. So far, it has organized around two national symposiums which were very well received in academia and in media. Its teachers and students are deeply interested in understating the administrative and social problems around them.

The department is committed to give new directions to the teaching methods and research areas in the discipline. The Department offers unique opportunities in the discipline as it is the only Department of Public Administration, which offers undergraduate courses in the Ambedkar School of Social Sciences. Presently, the Department is offering B.A. (Honours) Public Administration, M.A. Public Administration and Ph.D. program.

Programmes Offered

- B.A. (Honours) Public Administration
- M.A. Public Administration
- Ph.D. program.

Facilities Available

- Smart Classroom

Strengths of the Department

- 04 Years UG Degree Programme as per NEP 2020.
- Running Jyotiba Phule Electrol Literacy Club.
- Community Service and Community Empowerment is part of UG & PG Curriculum).
- Largest Department in terms of student strength in Ambedkar School of Social Sciences.
- All faculty members are Ph.D. holders and alumnus of Top Universities.
- Offering paper on Environment and Climate Change.
- Regularly produces NET/JRF Students. And 01 Student appeared IAS interview in 2025.
- Remedial Classes are held regularly.
- Student guidance, counselling, and mentorship are conducted regular.

Next Year Plan (2025–26)



- Establish formal **Alumni Association** for mentoring and networking.
- Introduce **short-term certificate courses** in Functional Foods, Dietetics, and Food Safety.
- Increase **industry collaborations** for internships and placements.
- Organize **national seminar/conference** on Nutraceuticals & Public Health.
- Strengthen **international collaboration** for joint research/publications.
- Enhance **student research output** by publishing in Scopus/SCI journals.

1. Curriculum Aspects

1.1 Curriculum Design and Development



- PG programmes: M.A Public Administration.
- Curriculum integrates internships, workshops, seminars, and research projects.
- Focus on Research Methodology, Public Policy and office Management.

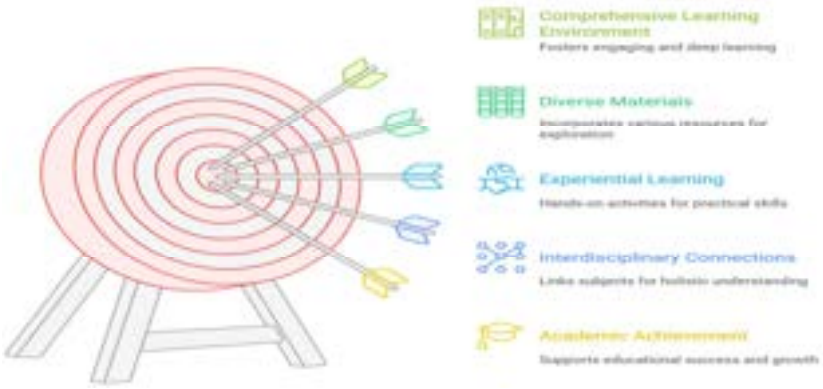
1.2 Academic Flexibility



- Choice-based PG courses.
- Department has consistently been concentrating on maintaining global standards in its teaching as well as co-curriculum activities.

- Organizing seminars/workshop/special lectures/symposium on regular basis.

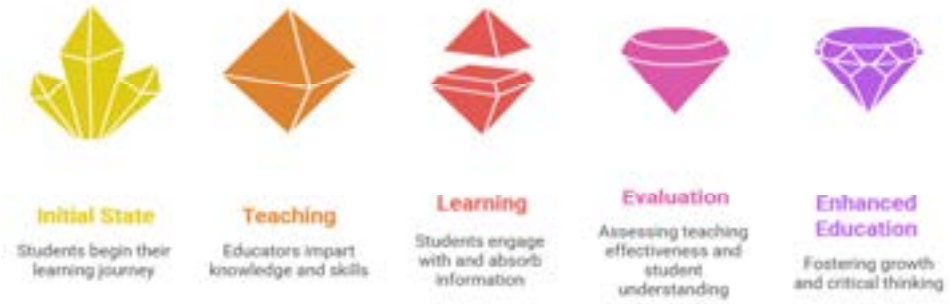
1.3 Curriculum Enrichment



1.4 Feedback System

- Students' feedback taken at the end of each semester.
- Answer sheets of sessional/exams shown to students to ensure transparency.

2. Teaching–Learning and Evaluation



2.1 Student Enrolment and Profile



- Intake: 60 PG students per course.
- Intake: 72 UG students per course.
- 62 Students in B.A (Honours) batch 2024-2025.
- 32 Students in M.A Public Administration in 2024-2025 batch.
- 04 Ph.D. students admitted in 2024-2025 batch.

2.2 Catering to Student Diversity



- Students encouraged pursuing MOOCs according to individual learning needs.
- Support through departmental teachers and remedial mentoring.

2.3 Teaching–Learning Process



- ICT-enabled smart classrooms.
- Internships and project-based learning.
- Co-curricular competitions: Poster, Slogan Writing, Rec
- ipe Contest, Rangoli, Quiz.

2.4 Teacher Profile and Quality



- Faculty strength: 01 Professor + 02 Assistant Professor and 02 Resource Persons.
- All with Ph.D. in Public Administration.
- Google Scholar profiles maintained.

2.5 Evaluation Process and Reforms



- Transparent evaluation: answer sheets shown before final result submission.
- Internal assessments + practical evaluations.

2.6 Student Performance and Learning Outcomes



- Masters completed: 42 (2024-25).
- Undergraduate completed: 65 (2024-2025)
- Higher studies: 54 students.
- Jobs/teaching/others: 15 students.
- NET/SLET/JRF: 08 students.

2.7 Student Satisfaction Survey (SSS)

- Regularly collected via feedback forms and direct interaction with HOD.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Internship Projects for UG students.
- Dissertation work for all PG students.

3.2 Resource Mobilization for Research: NIL

3.3 Innovation Ecosystem: NIL

3.4 Research Publications and Awards



- National Publication for the year 2024–25.
- Research Paper published in Radha Kamal Mukherjee, Chintan Parampara, Indian Journal of Society and Politics as well as press.

3.5 Consultancy

- Paid Consultancy: NIL.
- Free Consultancy: NIL.

3.6 Extension Activities

- Lectures, Competition, Debates, Awareness programme etc.

3.7 Collaboration

- MoUs: NIL.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart Classroom for student learning.
- Effective internet facility.

4.2 Library as a Learning Resource

- University Library with reference books and journals.

4.3 IT Infrastructure

- ICT-enabled smart classroom.
- Students use online platforms for digital learning, research paper, and projects.

4.4 Maintenance of Campus Infrastructure

- Regular classroom maintenance supported by university.

5. Student Support and Progression



5.1 Student Support

- Counselling for higher education and career progression.

5.2 Student Progression

- 54 pursuing higher studies.
- 15employed in govt./private sectors.
- 08 qualified for NET/JRF.

5.3 Student Participation and Activities

- Cultural & academic competitions: Poster, Quiz, Rangoli, Recipe contest.

5.4 Alumni Engagement

- Formal Alumni Association: In progress.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Inculcating the administrative values and public awareness by the learning.

6.2 Strategy Development and Deployment: NIL

6.3 Faculty Empowerment Strategies

- Faculty encouraged for publications, invited lectures, coordinating competitions.

6.4 Financial Management and Resource Mobilization: NIL

6.5 Internal Quality Assurance System

- Student participation in evaluation process.
- Regular workshops/visits for quality enhancement.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Research addressing Public Policy Issues and Administrative Hurdles.
- Extension via community engagement and awareness programmes.

7.2 Best Practices: -

- Organizing special lectures on the topic like Public Policy, Governance, Environmental Issues and Public Administration.

7.3 Institutional Distinctiveness

- Strong linkage between academic curriculum and applied research.
- Evaluation of current government through the researches.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. O. P. B. Shukla**
  Professor & Head, Department of Public Administration.
  Specialization: Indian Government and Politics, Public Policy, Development and Social Policy, Good Governance, Governance and allied fields, Administrative System.
  Qualification: M.A & Ph.D.
- **Dr. Vibhooti Narayan**
  Assistant Professor, Department of Public Administration
  Specialization: Indian Policy & Governance, Financial Administration, Public Policy, Indian Administration Research Methodology, Organizational Behaviour etc.
  Qualification: M.A., Ph.D.
- **Dr. Pradeep Kumar Singh**
  Assistant Professor, Department of Public Administration
  Specialization: Public Policy, Development and Social Policy, Administrative Theory and Thought, Good Governance, Governance and allied fields, Financial Administration and Organizational Behaviour
  Qualification: M.A, Ph.D. & Post-Doctorate Fellowship

8.2 Various Positions held in & out the Institution –

Prof. O.P.B. Shukla

- Head of the Department of Public Administration
- Chairman of Departmental Admission Committee, BUGS, BPGS and DRC.
- Ex-Officio member of committee of Ambedkar School of Social Sciences.
- Chairman of Departmental Mentor-Mentee Club.
- Chairman of Departmental Gender Sensualisation Committee.

- Chairman of Jyotiba Phule Electrol Literacy Club.
- Chairman of Departmental Anti Ragging Committee.
- Chairman of Departmental Purchase Committee.
- Chairman of Departmental Exam/Time-Table Committee.
- Deputy Proctor of Babasaheb Bhimrao Ambedkar University.
- Member of University Planning Board.
- Member of University Standing Committee.
- Member of University Grievance Committee.
- Member of Preparation of Ph.D. Result of Entrance Examination of University.
- Member of Development Committee of Satellite Centre Amethi.
- Member of Sports Organizing Committee of Universtiy.

Dr. Vibhooti Narayan

- Annual Report Coordinator of Department of Public Administration.
- Member of Departmental Admission Committee, BUGS, BPGS and DRC.
- Member of Departmental Grievance Redressal Committee.
- Member of Departmental Mentor-Mentee Club.
- Member of Departmental Gender Sensualisation Committee.
- Member of Jyotiba Phule Electrol Literacy Club.
- Member of Departmental Anti Ragging Committee.
- Member of Departmental Purchase Committee.
- Member of Departmental Exam/Time-Table Committee.
- Assistant Proctor of Babasaheb Bhimrao Ambedkar University.

Dr. Pradeep Kumar Singh

- Coordinator of Departmental Placement Cell.
- Member of Departmental Admission Committee, BUGS, BPGS and DRC.
- Member of committee of Ambedkar School of Social Sciences.
- Member of Departmental Mentor-Mentee Club.
- Member of Departmental Gender Sensualisation Committee.
- Member of Jyotiba Phule Electrol Literacy Club.
- Member of Departmental Anti Ragging Committee.
- Member of Departmental Purchase Committee.
- Member of Departmental Exam/Time-Table Committee.

8.3 Research Publications

8.3.1 Research Articles

Prof. O.P.B Shukla

- Gyanshauryam, International Scientific Refereed Research Journal Volume 8 Issue-I Beyond Education in Rural Uttar Pradesh: A Comparative Study of Hathras and Varanasi Published by Prof. O.P.B Shukla & Praveen Kumar Gautam research scholar, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on Januray-February, 2025.
- International Research Journal of Humanities, Language and Literature ISSN: (2394-1642) Impact Factor 7.972 Volume 12, Issue 3. Association of Academic Researchers and Faculties (AARF). Gender Sensitivity in Indian Public Policies: A Critical Analysis

Published by Prof. O.P.B Shukla, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on March 2025.

- International Research Journal of Humanities, Language and Literature ISSN: (2394-1642 Impact Factor 7.972 Volume 12, Issue 4, AI and Ethics in Public Policy: Challenges and Opportunities Published by Prof. O.P.B Shukla, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on April, 2025.
- Indian Journal of Society and Politics ISSN: 2348-0084 (PRINT) ISSN:2455-2127 (ONLINE) VOL 12 (01): 2025, NEP 2020: AS CHANGE VALUE SYSTEM FOR NEW INDIA Published by Prof. O.P.B Shukla, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on July-December, 2024.
- Indian Journal of Society and Politics ISSN: 2348-0084 (PRINT) ISSN:2455-2127 (ONLINE) VOL 11 (02): ENVIRONMENT GOVERNANCE AND UNSUSTAINABLE HUMAN LIFE, Published by Prof. O.P.B Shukla, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on 31st July, 2024.

Dr. Vibhooti Narayan

- ''राधाकमल मुकर्जीः चिन्तन परम्परा प्रत्यक्ष लाभ हस्तांतरणः भारत में वित्तीय समावेशन का बदलता परिदृश्य'' आईएसएसएनएः 0974.0074 वाल्युम 1 published by Dr. Vibhooti Narayan, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on January to June, 2024.
- ''भारत में फिनटेक उद्भव, नियमन, संभावनाएँ एवं चुनौतियां'', Bihar Journal of Public Administration, Vol. XXI ISSN: 0974-2735, published by Dr. Vibhooti Narayan Assistant Professor, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on January to June, 2024.

Dr. Pradeep Kumar Singh

- ''भारत में साइबर अपराधः प्रवृत्तियाँ, विश्लेषण एवं समाधान'', भारतीय लोक प्रशासन संस्थान (भारतीय लोक प्रशासन संस्थान की त्रैमासिक शोध पत्रिका) लोक प्रशासन, आईएसएसएनएः 2249–2577, Published by Dr. Pradeep Kumar Singh Assistant Professor, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on July to September, 2024.
- BIHAR JOURNAL OF PUBLIC ADMINISTRATION Vol. XXI ISSN: 0974-2735, DIGITAL TRANSFORMATION IN UTTAR PRADESH: AN ANALYSIS, Published by Dr. Pradeep Kumar Singh Assistant Professor, Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on January to June, 2024.

8.3.2 Books / Edited Books: NIL

8.3.3 Books chapters/Conference/Any other publication of Academic Importance: NIL

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- **Dr. Vibhooti Narayan** participated in two days national seminar in Mahatma Gandhi Central University, Bihar. On "Indian Constitution @ 75: Hamara Samvidhan, Hamara Swabhiman" on 27th-28th February, 2025 organised by Department of Political Science.
- **Dr. Pradeep Kumar Singh** participated in two days national seminar in Mahatma Gandhi Central University, Bihar. On "Indian Constitution @ 75: Hamara Samvidhan,

Hamara Swabhiman" on 27th-28th February, 2025 organised by Department of Political Science.

8.3.5 Research Supervision

8.3.5.1 On-going Supervision

Prof. O.P.B Shukla

- Mangal Singh has enrolled for Ph.D. with the thesis titled "सोशल मीडिया का युवाओं पर प्रभावः लखनऊ जनपद के उच्च शिक्षण संस्थानों के विशेष संदर्भ में".
- Ravi Prakash Verma has enrolled for Ph.D. with the thesis titled "Impact assessment of AMRUT mission on sustainable Development Goals: a case study of city of Lucknow"
- Nidhi Prakash has enrolled for Ph.D. with the thesis titled "Empowerment of Urban Street Vendors Through Pradhan Mantri Svanidhi Scheme: A Study of Lucknow".
- Arnav Bansal has enrolled for Ph.D. with the thesis titled "A Study of Labour Productivity in Electrical and Electronics Industry: A Comparative Analysis of India and China".
- Shashank Pandey has enrolled for Ph.D. but his titled is awaited.
- Adrian Raj Kumar Chawte Pandey has enrolled for Ph.D. but his titled is awaited.

Dr. Vibhooti Narayan.

- Vindrasen has enrolled for Ph.D. with the thesis titled "वित्तीय समावेशन में प्रधानमंत्री जन–धन योजना की भूमिका का एक अध्ययनः संत कबीर नगर जनपद के विषेश संदर्भ में।"
- Deepanshi Singharia has enrolled for Ph.D. with the thesis titled "Exploring Digital Citizen Engagement: With Special Reference to MyGov Platform in the City of Lucknow".
- Nabanita Narzary has enrolled for Ph.D. but her titled is awaited.

Dr. Pradeep Kumar Singh

- Parul Rai has enrolled for Ph.D. with the thesis titled "Impact Assessment of Ayushman Bharat- Pradhan Mantri Jan Arogya Yojna: A Case Study of Varanasi District."
- Ajmera Kirthi Chandra has enrolled for Ph.D. with the thesis titled "An Evaluation of Public Distribution System in Ensuring Food and Nutritional Security: A Case Study of Lucknow District, Uttar Pradesh.".
- Vijay Prakash has enrolled for Ph.D. but her titled is awaited.

8.3.5.2 Ph.D. Awarded

- **Mr. Praveen Kumar Gautam research scholar under the supervision of Prof. O.P.B Shukla has awarded the Ph.D. thesis titled "**उत्तर प्रदेश में प्राथमिक शिक्षा की प्रस्थितिः जनपद वाराणसी के विशेष संदर्भ में।**"**

8.3.6 Projects/Consultancy/and any other: NIL

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements: NIL

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	08
2.	Total number of journal publications by Department (International)	00
3.	Total number of publications in conference proceedings	08
4.	Total number of workshops/conferences/seminars/etc organized by Department	03
5.	Total number of PhD degree awarded by Department	02

6.	Total number of PG students	59
7.	Total number of UG students	184
8.	Total number of diploma/certificates students (if any)	00
9.	Total number of students placed	08
10	Total number of Award and Medals	00
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	00
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	19
17	Total number of total number of students opted for higher studies	54

Department of History

About the Department

The Department of History was established in 1996 and started functioning in 1997 as part of the School of Ambedkar Studies (now School of Ambedkar Studies for Social Sciences). It is among the oldest departments to adopt an interdisciplinary approach to Indian history within the framework of Dr. B.R. Ambedkar's ideas. The department emphasizes **"history from below"**, focusing on marginalized communities while maintaining strong foundations in political, social, cultural, and economic history of ancient, medieval, modern, and contemporary India.

It has a vibrant academic ecosystem with dedicated faculty, research scholars, and motivated students. Faculty members are engaged in research projects sponsored by agencies like ICHR, publish in reputed journals, and actively participate in national and international seminars. The department regularly invites eminent scholars from universities such as Oxford, Cambridge, and Columbia, and organizes lectures, conferences, and seminars to enrich its academic environment.

Strengths of the Department

- **Qualified Faculty**: Professors, Associate Professors, and Assistant Professors with specializations across Ancient, Medieval, Modern, Dalit, Tribal, Buddhist, Environmental, and Gender Studies.
- **Research Culture**: Multiple ICHR-sponsored projects, UGC-NET/JRF coaching, publications in UGC-approved and Scopus journals, participation in national/international seminars.
- **Academic Facilities**: Smart classrooms, departmental library, reading room for Ph.D. scholars, conference hall, remedial classes, soft skill training, career counseling, mentoring system.
- **Student Achievements**: Students clearing NET/JRF, joining higher studies in universities like JNU, Jamia, BHU, Punjab University, and securing fellowships such as ICHR, Rajiv Gandhi National Fellowship, NFSC, NFST, etc.
- **Collaborations**: Signed MoU's with national/foreign institutions; regular visits by scholars from India and abroad.
- **Extension & Cultural Activities**: Celebration of Buddha Purnima, cultural programs, environmental activities like tree plantation, and student-organized events.

Next Year Plan (2025-26)



- **Academic**: Introduce new optional papers in frontier areas like Digital History, Environmental History of South Asia, and Global History.
- **Research**: Strengthen collaboration with ICHR, ICSSR, and international universities; apply for major interdisciplinary projects.

- **Student Development**: Organize workshops for civil services preparation, continue remedial and skill-based training, and enhance mentoring system.
- **Infrastructure**: Expand departmental library resources, upgrade IT and smart classroom facilities.
- **Outreach**: Host an International Conference on "Ambedkarite Perspectives on Inclusive Histories" and conduct extension activities in collaboration with NGOs and cultural organizations.

1. Curricular Aspects

1.1 Curriculum Design and Development



- M.A. program covers socio-economic, political, and cultural history of India.
- Courses include Ancient, Medieval, Modern, Contemporary History, Environmental History, Diaspora Studies, Non-Indian history papers.
- Emphasis on marginalized communities and interdisciplinary approach.

1.2 Academic Flexibility



- Elective and interdisciplinary papers introduced.
- Students prepared for Civil Services and NET/JRF.

1.3 Curriculum Enrichment



- Guest lectures by eminent scholars.
- Seminars on Ambedkarism, Buddhism, and Modern India.
- Inclusion of socially relevant themes like caste, gender, and environment.

1.4 Feedback System

- Student mentoring and progress monitoring system.
- Regular remedial classes based on feedback.

Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- PG Students (M.A.): 65
- Ph.D. Students: Ongoing (multiple scholars with JRF/Non-NET fellowships).
- Diverse student intake from across India.

2.2 Catering to Student Diversity



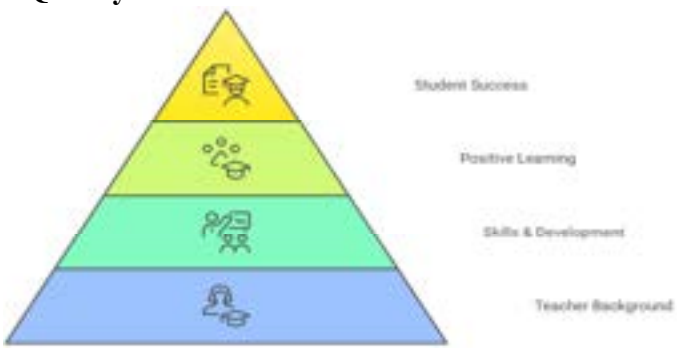
- Remedial classes, NET/JRF coaching, soft skills training.
- Career counseling from entry level.

2.3 Teaching-Learning Process



- Smart classrooms, mentoring, ICT-enabled teaching.
- Orientation for competitive exams.

2.4 Teacher Profile and Quality



- Faculty with specializations in Ancient, Medieval, Modern, Dalit, Tribal, Buddhist Studies, Environmental History, Gender Studies.
- Faculty engaged in national/international research projects and publications.

2.5 Evaluation Process and Reforms



- Continuous internal assessment, seminars, presentations.
- Ph.D. coursework evaluations.

2.6 Student Performance and Learning Outcomes



- 44 M.A. students completed program.
- 01 secured government job.
- Several students awarded NET/JRF.

2.7 Student Satisfaction Survey

- Mentoring, remedial, and personality development classes contribute to satisfaction.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- ICHR-sponsored projects on Archaeology, Metallurgy, Buddhism, and Environmental History.
- Research facilities like departmental library, reading room, and conference hall.

3.2 Resource Mobilization for Research



- Projects funded by ICHR and other agencies.

3.3 Innovation Ecosystem

- Faculty research on marginalized communities, Buddhism, and ecology.

3.4 Research Publications and Awards



- Multiple national/international papers published in UGC and Scopus-listed journals.
- Faculty citations and h-index tacked on Google Scholar.
- Awards: ESDA Education Excellence Award (Prof. Shura Darapuri).

3.5 Consultancy

- Nil (paid/free).

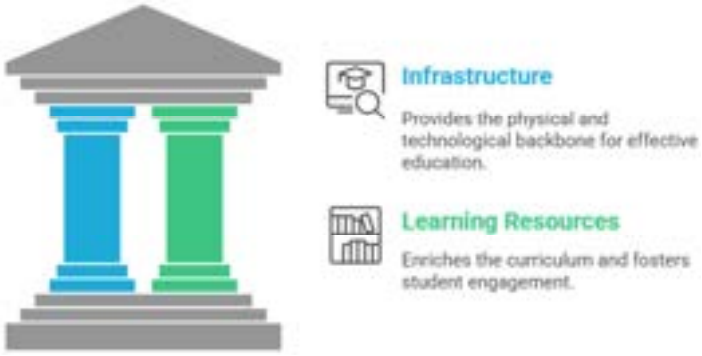
3.6 Extension Activities

- Buddha Purnima celebrations, cultural programs, environmental day, tree plantation.

3.7 Collaboration

- MoU's signed with national/foreign institutions.
- Visiting scholars from UK, Thailand, Sri Lanka, Canada, Singapore, Bangladesh, China, Myanmar.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Departmental library, smart classrooms, reading room, conference hall.

4.2 Library as a Learning Resource

- Rich departmental library collection; updated with new titles.

4.3 IT Infrastructure

- ICT-enabled teaching, internet facilities.

4.4 Maintenance of Campus Infrastructure

- University support for maintenance; regular upgrades of classrooms.

5. Student Support and Progression



5.1 Student Support

- Career counseling, remedial classes, mentoring system, NET/JRF coaching.

5.2 Student Progression

- Alumni in higher education institutions and government services.

5.3 Student Participation and Activities

- Student-organized cultural programs, farewell, welcome, teachers' day, environmental activities.

5.4 Alumni Engagement

- Alumni pursuing higher studies in JNU, Jamia, BHU, Punjab University, etc.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Guided by Ambedkarite vision of inclusive education and social justice.

6.2 Strategy Development and Deployment

- Focus on interdisciplinary research and teaching.
- Annual seminars and conferences aligned with department goals.

6.3 Faculty Empowerment Strategies

- Participation in international conferences.
- Membership in academic bodies and editorial boards.

6.4 Financial Management and Resource Mobilization

- Funded research projects through ICHR.

6.5 Internal Quality Assurance System

- Active participation in NAAC-related processes.
- Regular review of student mentoring and academic activities.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Promotion of Ambedkarite thought, Buddhism, caste and gender equity.
- Celebration of socially significant days.

7.2 Best Practices

- Focus on marginalized histories (“history from below”).
- Integration of research with teaching.

7.3 Institutional Distinctiveness

- Distinctive emphasis on Ambedkarite framework, environmental history, and Buddhist studies.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. V. M. Ravi Kumar**
  Professor & Head **(On Deputation for 03 years)**
  Specialization: Modern Indian History, Environmental History, Dalit and Tribal History of modern India
  Qualifications: M.A. & Ph.D.

- **Prof. S. Victor Babu**
  Professor
  Specialization: Late Medieval Indian History, Environmental History and Christianity in North East India and Historiography
  Qualifications: M. A, M.Phil & Ph.D

- **Prof. Shura Darapuri**
  Professor
  Specialization: Modern Buddhist movements
  Qualifications: M. A, M.Phil & Ph.D

- **Dr. Anand Singh**
  Associate Professor
  Specialization: Buddhist narrative literature, Buddhism with special reference to Ganga Valley, Buddhist Environmentalism, Archaeological Landscape and Sacred Geography of Buddhism
  Qualifications: M.A. & Ph.D.

- **Dr. Renu Pandey**
  Assistant Professor
  Specialization: Gender Studies Business History, Modern Social Thinkers
  Qualifications: M.A, & Ph.D

- **Dr. Sidharth Shankar Rai**
  Assistant Professor
  Specialization: Ancient History & Archaeology
  Qualifications: M. A, & D.Phil

- **Dr. Sudarshan Chakradhari**
  Assistant Professor
  Specialization: Field Archaeology, Ceramic Expert, Scientific Analysis of Ceramics, Ancient History
  Qualifications: M.A, & Ph.D

8.2 Various Positions Helds in & out the Institution –

8.3 Research Publications

8.3.1 Research Articles

Prof. V. M. Ravi Kumar

- V.M. Ravi Kumar, Basant Kumar Kanojiya, Environmental history of tribes in India: A Review of Historiography, Proceedings of the Haryana History Congress, Vo. 03, 2024, pp. 223-232.
- V.M. Ravi Kumar National Educational Policy in Historical Context: an Analysis of Swadeshi Movement in India, (1900-1910), in Research in India, Vol. IX edited by Dinesh R. Jaronde, pp. 96-103.

Prof. S. Victor Babu

- Victor Babu Sargandla, Missionary School in Colonial Nagaland: An Onslaught of Native Culture, UGC Care listed Journal, ISSN 2278-6864, Issue, 2024, pp101-108
- Victor Babu Sargandla, Nature of Medieval Andhra State: Some Historiographical Reflections, Kakatiya Journal of Historical Studies, Issue, Vol. XIX. No.1 May, 2024, pp43-50

Prof. Shura Darapuri

- Paper entitled "From Darkness to Light" in Shodh Sarita, An International Bilingual Peer Reviewed Research Journal, April-June, 2024, Vol, 11, Issue 42. ISSN-2348-2397.
- Published paper in conference proceedings, entitled: Thich Nhat Hanh's Contribution to Buddhism in Boudh Darshan-Eitihasik Pariprekshya, Edited by Dr.Shekhar Brahmane, Apurnav Publication House, Latur, ISBN: 978-81-978061-2-4. Edition-10/3/2025

Dr. Anand Singh

- Anand Singh, 'Water Sources in the Buddhist Ecology: Looking through the Engaged Tradition', Journal of Social Innovation and Knowledge by BRILL, (2024) 1–23 (Scopus/open access). ISSN: 2950-2683
- Anand Singh, 'Anand Singh, 'Dissent and Deviance in Buddhist Monastics: Non-Conformity in the Age of the Buddha', Journal of International Buddhist Studies, Vol 15, No.2, 2024, pp.88-105. (Scopus/open access), ISSN: 2586-9620

Dr. Renu Pandey

- Dalit Women and the Indian State: Gendered Dimensions of Caste, Rights, and Resistance in Postcolonial India. The Academics (International Journal of Multidisciplinary Research), Vol. 3, Issue 3, Mar 2025, pp. 1718–1726. ISSN: 2583-973X (Online). Peer-Reviewed/Refereed
- Challenging the Norm: Radical Love, Feminism, and the Politics of Marriage. The Academics (International Journal of Multidisciplinary Research), Vol. 3, Issue 4, Apr 2025, pp. 679–687. ISSN: 2583-973X (Online). Peer-Reviewed/Refereed

Dr. Sidharth Shankar Rai

- Rai, Sidharth Shankar; Rai, Prerana. Medicine and Meditation as a complete healing system in Yoga and Ayurveda, Vishveshvaranand Indological Journal, 2024, Vol. LXII-LXIII, ISSN: 0507-1410

Dr. Sudarshan Chakradhari

- 2024, Saraswati Nadi Ghati Sabhyata aur Sanskriti, Ratnesh Tripathi, Itihas-Journal, Vol. 10, Part-2, July-December 2024, UGC-Care Journal, ID 2319-8818, published by ICHR, New Delhi.
- 2024, Vikas K. Singh, Jennifer Bates, R N Singh, Manisha Singh, Brij Mohan, Sudarshan Chakradhari, Sunil Kr. Singh, Chung Hwan Hee, Mattew Conte, Olzbayar Gankhuyang, Nathaniel James, Jang Yoonsun, Rakesh Jollu, Jung Seowon, Kim Jihyun, Kin Pangyu,

Sunghui Kim, Urvashi Singh, Snigdha Konar, Satyam Kumar, A.K. Pandey, Lily Albert Robinson, Seo Yujin, Abhay P Singh, Anisha Singh, Dhananjay Kumar and P.P. Joglekar, "Excavations at Tokwa (2023-2024), Mirzapur District, Uttar Pradesh" Man and Environment (ISSN No.0258-0446) Vol- XLIX (2): 2024, PP. 20-32.

- 2024, J. Bates, V K Singh, R N Singh, Manisha Singh, Brij Mohan, Sudarshan Chakradhari, Abhay P Singh, Mathew Conte and Yongje Oh, "Radiocarbon dates from the archaeological site of Sakas, Bihar, India", Radiocarbon (An International Journal of Cosmogenic Isotope Research), published online by Cambridge University Press. https//doi.org/10.1017/RDC.2024.42, pp. 267-279, 0033-8222 (Print), 1945-5755 (Online), Volume 66 / Issue 2, April 2024.
- 2024, Manisha Singh, Vikas Kumar Singh, Sudarshan Chakradhari, Brij Mohan, Abhay P Singh, J. Bates and R N Singh, Reconnaissance Survey of Ramdihra: An Archaeological Site in Sasaram (Rohtas) District, Bihar, Heritage: Journal of Multidisciplinary Studies in Archaeology 11:2023-24 (ISSN 2347-5463). pp. 378-389.

8.3.2 Books / Edited Books

Dr. Renu Pandey

- Gandhi's Green Vision: Timeless Wisdom for a Sustainable Future, pp. 208–221. In Gandhi: Ideology, Philosophy, and Indian Politics, ed. Dr. Pratima Gupta. Pustak Bharti, Toronto, Canada, 2025. ISBN: 978-1998027-16-3

Dr. Sudarshan Chakradhari

- 07 Chapters in the course book of M.A. (Course Code: - MAAH-19, Subject: - Prachin Bharat Ka Sanskritik Sambhandh), editor: - Prof. Shyam Bihari Lal, ISBN No.978-93-48987-19-8, Rajarshi Tandan Open University, Prayagraj-211002

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. S. Victor Babu

- Victor Babu Sargandla, (2024) The Construction of Dalit Identity by Mala Mahanadu and Madiga Dandora in Andhra Pradesh, Orient Black Swan, ISSN 978-93-5442-920-0, pp.180-190.

Dr. Renu Pandey

- Jotiba Phule: A Timeless Inspiration for India's Reform Agenda. The Pioneer, Editorial Section, 29 Apr 2024
- Jotiba Phule: Utpiditon ke Prateek. Jansandesh Times, Editorial Section, 11 Apr 2024

Dr. Sudarshan Chakradhari

- 2025, R.N. Singh, Cameron A. Petrie, A.K. Pandey, D.P. Singh, Vikas Kumar Singh, Amit Ranjan, Sudarshan Chakradhari, Aftab Alam, P.P. Joglekar, Sayantani Neogi and Charly French, Excavations at Khanak, Bhiwani, Haryana (2013-2014 & 2015-2016), Harappan Studies: Recent Researches in South Asian Archaeology, Vol-III, ISBN-13: 978-81-7305-715-1, ISBN-10: 817305715X (Edts Manmohan Kumar, Akinori Uesugi and Vinay Kumar), Published by Aryan Books International, New Delhi (Page No. 64-119) .

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. V.M. Ravi Kumar

- V.M. Ravi Kumar, Governmentality and Environmental history of India: A Review, in 9th session of Haryana History Congress, 16-17th November 2024.
- V.M. Ravi Kumar, Vision and Mission for Inclusive Modern India: A Study of Ambedkarite Perspective, Two-day national seminar on Dr. Ambedkar's contribution in the making of modern India, Gautam Buddha University, Greater Nodia, 27-28th September 2024.
- V.M. Ravi Kumar, Online, chaired a session entitled South Asian Society: Today and Tomorrow, organised by South Asian sociological Society Conference held in Dubai, UAE, 23-26th March 2025.

Prof. S. Victor Babu

- Dhamma as Multi Culturalism: an Indigenous Social theory, two-day national seminar held on 7th &8th January, 2025, on Decolonizing Indian Knowledge: Reclaiming Indigenous Epistemologies and Practices at Cluny women's college, Kalimpong, west Bengal.

Prof. Shura Dharapri

- Presented the paper entitled, "From Ignorance to Empowerment: The Role of Constitutional Awareness in Nation Building" in Two Day National Seminar on "Importance of Preamble of Indian Constitution in Nation Building held on 26th-27th November, 2024 organized by BBAU (Central University) Lucknow (UP).
- Participated as a panelist in Book Discussion on Ambedkar's Political Philosophy-A Grammar of Public Life from the Social Margin by Prof. Valerian Rodrigues, organized by Department of Political Science, BBAU, Lucknow on 6/3/2025.

Dr. Renu Pandey

- Presented the paper entitled, "Rani Gaidinliu" Online International Seminar, Kalimpong, West Bengal, Feb 2025.
- Presented the paper entitled, "A Rebel's Vow: Pandita Ramabai's Defiance of Patriarchy" IIT Guwahati, 21–22 Sep 2024.
- Presented the paper entitled, "Radicalizing Love" National Seminar, Lucknow University, 10–11 Apr 2025.
- Presented the paper entitled, "Economic Ideas of Mahatma Gandhi: Contemporary Relevance" 19th Annual Conference, Uttar Pradesh–Uttarakhand Economic Association, BBAU, 13–15 Apr 2024.
- Women's Empowerment, MMMTC, University of West Bengal, 28 February 2025.

Dr. Sudarshan Chakradhari

- 2024, Attended & presented a paper titled "Living and Mining on the Margins: Investigations at the Indus Settlement of Khanak, Bhiwani, India" Ravindra Nath Singh, Cameron A. Petrie, Vikas Kumar Singh, Manisha Singh and S. Chakradhari, in the 26th International Conference of the European Association for South Asian Archaeology and Art, Org. Saxon Academy of Sciences and Humanities in Leipzig, Germany, From 16 to 20th September 2024. www.saw-leipzig.de/easaa.
- 2024, Attended & Presented a paper titled " Early to Advanced Farming Developments in the Middle Ganges Plains: Neolithization pathways and the intersection of ecology and culture" Jennifer Bates,Vikas Kumar Singh, Ravindra Nath Singh, S. Chakradhari, P. Kim, Brij Mohan, Manisha Singh, and A.P. Singh, in the 26th International Conference of the

European Association for South Asian Archaeology and Art, Org. Saxon Academy of Sciences and Humanities in Leipzig, Germany, From 16 to 20th September 2024. www.saw-leipzig.de/easaa.

- 2024, Attended & Presented a paper titled " Recent Investigations in Lower Son Valley: In the Light of Archaeological Sites of Sakas and Ramdihra, Sasaram (Rohtas), Bihar, India" Manisha Singh, Vikas Kumar Singh, S. Chakradhari, Brij Mohan, Abhay Pratap Singh, Jennifer Bates, and Ravindra Nath Singh, in the 26th International Conference of the European Association for South Asian Archaeology and Art, Org. Saxon Academy of Sciences and Humanities in Leipzig, Germany, From 16 to 20th September 2024. www.saw-leipzig.de/easaa.

  2024, Attended & presented a paper titled "Exacations at Nindaur 2021-22, District-Kaimur (Bhabhua), Bihar, India" Vikas Kumar Singh, Manisha Singh, S. Chakradhari, Brij Mohan, Abhay Pratap Singh, and Ravindra Nath Singh, in the 26th International Conference of the European Association for South Asian Archaeology and Art, Org. Saxon Academy of Sciences and Humanities in Leipzig, Germany, From 16 to 20th September 2024. www.saw-leipzig.de/easaa.
- 2024, Attended & presented a paper titled "Scientific Examinations of Ceramics of the Sakas" S. Chakradhari, Vikas Kumar Singh, Manisha Singh, Brij Mohan, Sunil Kumar Singh, Anisha Singh and Ravindra Nath Singh, in the 26th International Conference of the European Association for South Asian Archaeology and Art, Org. Saxon Academy of Sciences and Humanities in Leipzig, Germany, From 16 to 20th September 2024. www.saw-leipzig.de/easaa.
- 2024, Attended & presented a paper titled "Ganeshwar Ceramics of Sikar District Rajasthan" S. Chakradhari, 3rd International Conference on History, Science and Technology of South Asian Ceramics Org. by the Tamil Nadu State Department of Archaeology at Indian Institute of Technology Madras, Chennai-600036 From 05 to 09 January 2024.
- 2025, participated 05 days Training Workshop on "Study of Earthen Pots through Archaeology, Ethnography and Scientific Methods" Conducted by Dr. Rajiv Kumar Jaiswal and Prof. Vidula Jaiswal held at 'Vasanta College for Women, KFI Rajghat, Varanasi' from 7th to 11th January 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. V. M Ravi Kumar

- Basant Kumar kanaujiya has enrolled for a Ph.D. with the thesis titled "Hindu Cultural Revival Movement and Dalits: A Study of Colonial and Post-Colonial Uttar Pradesh (1880-1980)".
- Indasiha has enrolled for a Ph.D. with the thesis titled "Evaluation of Theravada Buddhism in Myanmar: 3 C.E. to 11th Century C.E."
- Meenakshi has enrolled for a Ph.D. with the thesis titled "Caste and Medicine in Colonial and Post-Colonial United Province (1900-2000)"
- Priyanka Mishra has enrolled for a Ph.D. with the thesis titled "Indic Environmentalism: An Analysis of Hindu Cultural Organisation (1900-2000)"

- Shivangi Maindola has enrolled for a Ph.D. with the thesis titled "IMPERIAL ENVIRONMENTALISM: A HISTORICAL TRAJECTORY OF FOREST RESEARCH INSTITUTE, 1906-1947"
- Deshpande Pramod Tarachand has enrolled for a Ph.D. with the thesis titled "History of Colonial Educational Policies in Maharashtra: A Study from Phule-Ambedkarite Perspective between 1850 to 1950"
- Tarun Pandey has enrolled for a Ph.D. with the thesis titled "Environmental Consciousness: An Inquiry into Ecological Awareness in the Works of Kalidasa"
- Nandasara has enrolled for a Ph.D. with the thesis titled "A Comprehensive Study of Buddhist Scholars and Their Missionary Works in the Inwa (AVA) Period Myanmar (A.D 1364-1555)"

Prof. S. Victor Babu

- Mercy has enrolled for a Ph.D. with the thesis titled "Ethno-Medicine of the Angami Nagas in Colonial Nagaland"
- Poonam has enrolled for a Ph.D. with the thesis titled "Arya Samaj in United Provinces: Women's Education 1860-1947"
- Nishant Raj has enrolled for a Ph.D. with the thesis titled "Energy and Development in Post-Independent India (1947-1998): With Special Reference to Electric Power"
- K Vivikali Hesso has enrolled for a Ph.D. with the thesis titled "FROM HEAD-HUNTERS TO IMPERIAL SUBJECTS: NAGA HILLS, 1880-1947"
- Janeyya has enrolled for a Ph.D. with the thesis titled "A HISTORICAL STUDY OF MONASTIC EDUCATION DURING THE KONGBOUNG KINGDOM, 1819-1885 A.D"
- Kovida has enrolled for a Ph.D. with the thesis titled "The Historical Tradion of Vipassna Meditation in Contemporary Barmese Society"
- Pannissara has enrolled for a Ph.D. with the thesis titled "Theravada Buddhist Nava Nikyayas in Myanmar: Historical Study"
- Rinchen Zangmu Bhutia has enrolled for a Ph.D. with the thesis titled "Sports: Understanding Recreational Activity in A Different Light Under the Mughals (1526–1707)"
- Ritwik Raj Singh has enrolled for a Ph.D. with the thesis titled "Colonial Times and Perceptions of Britain in India"

Prof. Shura Darapuri

- Wasfi Fatima has enrolled for a Ph.D. with the thesis titled "उत्तर प्रदेश के बौद्ध स्मारकों का अध्ययन (तथागत के चारिका से संबंधित)"
- Anubha Chaturvedi has enrolled for a Ph.D. with the thesis titled "कन्नौज के इत्र का ऐतिहासिक दृष्टिकोण 1947 से 1990 तक"
- Savindra Kumar has enrolled for a Ph.D. with the thesis titled "THICH NHAT HAHN: THE ZEN MASTER HIS LIFE AND WORKS"
- Rahul Kumar Bharti has enrolled for a Ph.D. with the thesis titled "Origin of Modern Environmentalism: A Historical Trajectory of Forest Research Institute 1906-1960"

- Anand Kumar Sahil has enrolled for a Ph.D. with the thesis titled "Tracing the Food and Culinary Evolution of Musahar Community in Uttar Pradesh: A Historical Analysis from 1900 to 2000"
- Ashin Pannissara has enrolled for a Ph.D. with the thesis titled "The Concept of Peace and Right view in Theravada Buddhism in Myanmar- A Study from 1947-2000"
- Chandra Bhal Tiwari Om has enrolled for a Ph.D. with the thesis titled "Dalit Identity Movements in 20th Century Uttar Pradesh with Specific Reference to Dalit Women"
- Rajveer Chirdia has enrolled for a Ph.D. with the thesis titled "Labour Policy and Labour Welfare in India: A Historical Study of Dr. B. R. Ambedkar's Contributions"
- Rajveer Chirdia has enrolled for a Ph.D. with the thesis titled "Labour Policy and Labour Welfare in India: A Historical Study of Dr. B. R. Ambedkar's Contributions"
- Satyajit Pramanik has enrolled for a Ph.D. with the thesis titled "Unveiling the Entangled Histories of Colonialism and the Politico-Cultural Ontologies of Consumer Nationalism in Modern India 1885-1947"

Dr. Anand Singh

- Aadya Sahay has enrolled for a Ph.D. with the thesis titled "Early Buddhist Landscape of Śrāvastī and Its Surroundings: An Archaeological Investigation"
- Agga Nyana has enrolled for a Ph.D. with the thesis titled "A Historical Studty of 'Metta' (Loving Kindness) and 'Sukha' (Happiness) According to the Buddhist Doctrine"

Dr. Sidharth Shankar Rai

- Shripriya Pandey has enrolled for a Ph.D. with the thesis titled "Trade Networks and Socio-Religious Life in North Central India (Circa 600-1200 AD)"
- Javana has enrolled for a Ph.D. with the thesis titled "A Study of Ashoka's Religious Transformation and His Vision for Buddhism's Future from A Historical Perspective"
- Nanobhasa has enrolled for a Ph.D. with the thesis titled "History of Buddhist Synods in Theravada Perspective Views"
- Rajeev Ranjan has enrolled for a Ph.D. with the thesis titled "Archaeo-metallurgy and Ore processing in Vindhya-Kaimur Region and Adjoining Areas: 2nd Millennium BCE to Early Historic Period"

Dr. Sudarshan Chakradhari

- Garima Gupta has enrolled for a Ph.D. with the thesis titled "Inter-Site Comparative Analysis of Neolithic to Chalcolithic Age Ceramics from Middle Ganga Plain: An Intergraded Scientific Approach"
- Sundara has enrolled for a Ph.D. with the thesis titled "A Critical Study of Upasampada Ceremony in My□nm□r; Origin □nd Historic□l Development"
- Uttamasara has enrolled for a Ph.D. with the thesis titled "A Historical Study and Analysis of Pali Abhidhamma"

8.3.5.2 Ph.D. Awarded

Prof. Shura Darapuri

- Ph. D awarded to Ranjeet Kumar on the thesis titled "आजादी के बाद उत्तर प्रदेश में दलित आन्दोलन :एक ऐतिहासिक अध्ययन (1947-2011)" in 2024.

8.3.6 Projects/Consultancy/and any other

Dr. Ananad Singh

- 'Archaeological Investigation and Explorations of Ancient Caves of Gaya-Rājgir-Jehanabad region and their References in Buddhist and Brahmanical Literature' – ICHR, New Delhi (amount 4.5 Lakh)

  Dr. Sidharth S. Rai
- Research Projects- 01 2024, Major Project (Ongoing), Project title: "Copper Metallurgy and Alloying Practicesin Early Historic Ganga Valley" funded by ICHR, New Delhi (Amount Rs. 3.5 Lakhs only).

  Dr. Sudarshan Chakradhari
- 2024, Major Project (Ongoing), Project title: "Indus-Saraswati Civilization and Ganga Plain: Understanding the Connection and Legacy" funded by ICHR, New Delhi (Amount Rs. 4.5 Lakhs only).

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Shura Dharapri

- ESDA Education Excellence Award 2024 presented by ESDA (India) during the 5th World Environment Summit 2024 held on 16th-18th November 2024
- Certificate of Appreciation on the occasion of International Women's Day for outstanding dedication, commitment and contribution to the development and progress of the University on 8/3/2025 by the Gender Champion Committee, BBAU and Basic Facilities for Women Cell, BBAU, Lucknow.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	14
2.	Total number of journal publications by Department (International)	0
3.	Total number of publications in conference proceedings	17
4.	Total number of workshops/conferences/seminars/etc organized by Department	03
5.	Total number of PhD degree awarded by Department	01
6.	Total number of PG students	65
7.	Total number of UG students	0
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	01
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	0
12	Total number of sponsored research project sanctioned	03
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	04
17	Total number of total number of students opted for higher studies	05

Centre for the Study of Social Inclusion (CSSI)

About the Department

The Centre for the Study of Social Inclusive Policy (CSSI) was established in 2007 at Babasaheb Bhimrao Ambedkar University, Lucknow, under the X Plan Guidelines of UGC. It has been recently renamed as the **Centre for the Study of Social Inclusion (CSSI)** by the UGC (Letter no. F.No 1-8/2016(CPP) (C.N.100245), dated 12 July 2024).

The Centre is one of the 35 UGC-supported centres in India and works on issues related to **social exclusion and inclusion**. Within a short span, the Centre has undertaken research and projects related to marginalized groups such as scavengers, Muslim minority girls, Mushahar communities, Dalits, tribals, Scheduled Castes, and Other Backward Classes in Uttar Pradesh.

Objectives:

- Conceptualizing discrimination, exclusion, and inclusion based on caste/ethnicity/religion.
- Developing empirical and theoretical understanding of exclusion.
- Formulating inclusive policies for marginalized communities.
- Supervising doctoral research and building academic programmes.
- Organizing seminars, conferences, and outreach on social inclusion.

Strength

- **Qualified Faculty** with expertise in Education, Political Science, History, Gender Studies, Subaltern Politics, and Democratic Institutions.
- **Ph.D. Programme in Education and Political Science** initiated (2023–24) with six doctoral scholars enrolled.
- **Community-based outreach** under *Viksit Bharat@2047* and studies on social welfare policies in nearby villages.
- **Active academic engagement** through national seminars, invited lectures, and conferences.
- **Research outputs**: Books, chapters in edited volumes, peer-reviewed journal articles, and policy-related research.
- **Infrastructure**: Smart classroom and departmental library.
- **Professional memberships**: Faculty associated with multiple national and international academic bodies.

Next Year Plan (2025–26)



- Expansion of **Ph.D. intake** and strengthening of interdisciplinary supervision.
- Development of a **full-fledged Master's programme** in Development Studies.

- Organization of **national/international seminars and special lectures** on inclusion studies.
- Strengthening **community outreach** to more villages for policy assessment and social engagement.
- Proposal submission for **research projects** funded by UGC/ICSSR and other agencies.
- Enhancing **publications in UGC-CARE/Scopus indexed journals**.
- Upgradation of **library and ICT resources** for research scholars.
- Establishing **MoU's and collaborations** with civil society and academic institutions.

1. Curricular Aspects

1.1 Curriculum Design and Development



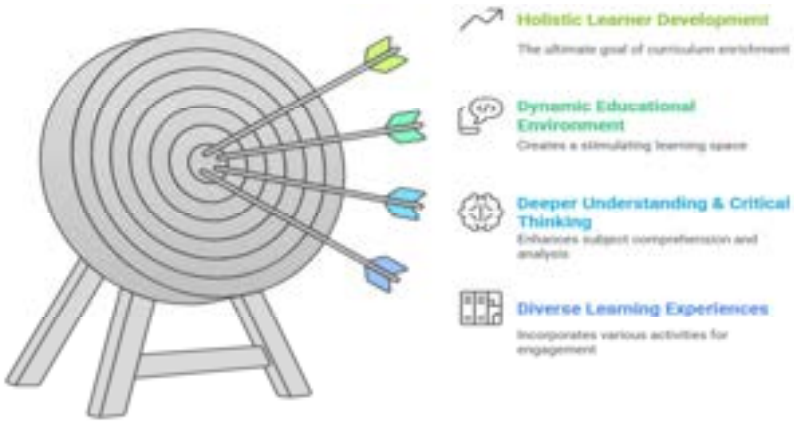
- Ph.D. programme (Education & Political Science) introduced in 2023–24.
- Courses include:
  - Compulsory Papers: CSSPH-C1 Research Methodology, CSSPH-C2 Research & Publication Ethics
  - Elective Papers: CSSPH-E1 Understanding of Social Exclusion & Inclusion: Theoretical and Conceptual Framework, CSSPH-E2 Inclusive School Education for Socially Disadvantaged Groups (SDGs) CSSPH-3 Subaltern Politics in India.
- Choice Based Credit System (CBCS) courses offered at the Master's level (e.g., Social Exclusion & Inclusive Development, Public Policy & Governance, Diversity, Equity & Inclusion).

1.2 Academic Flexibility



- Elective courses under Ph.D. programme.
- CBCS introduced at postgraduate level.

1.3 Curriculum Enrichment



- Unit on community participation and enrichment included in curriculum.
- Field-based study of government schemes (SBM, PMUY, PMMVY, AB-PMJAY, MDM, Old Age Pension Scheme).

1.4 Feedback System

- Students' feedback on courses and community outreach activities integrated into teaching-learning process.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Six Ph.D. scholars enrolled since 2023–24 (Education & Political Science).

2.2 Catering to Student Diversity



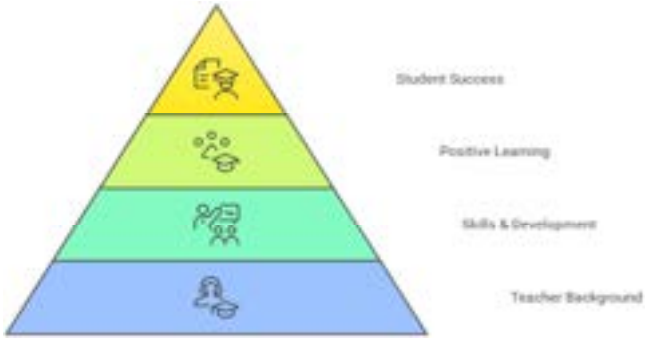
- Focus on marginalized communities (Dalits, Tribals, Minorities, OBCs).

2.3 Teaching-Learning Process



- Smart classroom-based teaching.
- Research supervision at Ph.D. level.

2.4 Teacher Profile and Quality



- Faculty:
  - Dr. Prasamita Mohanty (Associate Professor, specialization in Education & Inclusion).
  - Dr. R.P. Sahoo (Assistant Professor, specialization in Political Science & Exclusion Studies).
  - Dr. Sangeeta Krishna (Assistant Professor, specialization in History, Gender Studies, Subaltern Issues).

2.5 Evaluation Process and Reforms



- Continuous evaluation through seminars, field projects, and thesis submission.

2.6 Student Performance and Learning Outcomes



- Two Ph.D. scholar received UGC-JRF fellowship
- One Ph.D. scholar received NFSC fellowship

2.7 Student Satisfaction Survey

- Students engaged in feedback and active curriculum participation.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Doctoral programme in Education & Political Science.
- Smart classroom and Centre library available for research.

3.2 Resource Mobilization for Research



- Nil (no funded projects yet).

3.3 Innovation Ecosystem

- Inclusive policy research in local communities.

3.4 Research Publications and Awards



- Publications in books, journals, and edited volumes by faculty members.

3.5 Consultancy

- Nil.

3.6 Extension Activities

- Community outreach surveys in villages of Lucknow district.
- Viksit Bharat@2047 outreach and school-based programmes.

3.7 Collaboration

- No formal MoU's yet. Informal collaborations with community organizations.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classroom.

4.2 Library as a Learning Resource

- Departmental library with books and dossiers.

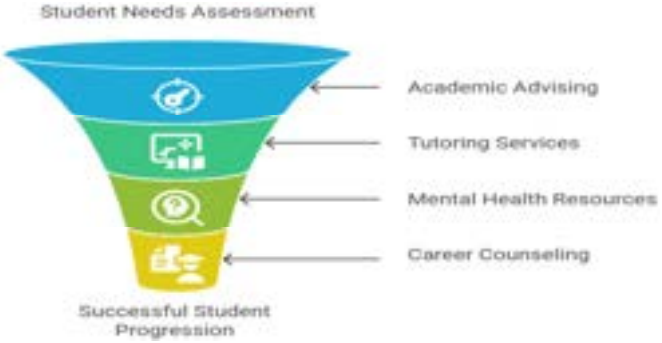
4.3 IT Infrastructure

- ICT-enabled teaching.

4.4 Maintenance of Campus Infrastructure

- University-level maintenance support.

5. Student Support and Progression



5.1 Student Support

- UGC fellowship received by Ph.D. scholars.

5.2 Student Progression

- Six Ph.D. students currently pursuing doctoral research.

5.3 Student Participation and Activities

- Active involvement in extension and community enrichment projects.

5.4 Alumni Engagement

- Nil (new programme).

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Commitment to social inclusion and equity.

6.2 Strategy Development and Deployment

- Integration of field study and outreach in curriculum.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to publish, participate in academic bodies, and present research.

6.4 Financial Management and Resource Mobilization

- No external research funding yet.

6.5 Internal Quality Assurance System

- Academic review through regular seminars and workshops.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Commitment to inclusion of marginalized groups.
- Outreach in nearby villages under Viksit Bharat@2047.

7.2 Best Practices

- Curriculum-integrated community participation (Unit on field-based policy study).
- Organizing extension lectures by eminent scholars.

7.3 Institutional Distinctiveness

- Only UGC-supported Centre in the University focused exclusively on **Social Inclusion and Exclusion Studies**.

8. Faculty Profile (Department Specific)

8.1 Academic Details

Teaching & Research Positions

- **Dr. Prasamita Mohanty**
  Associate Professor- cum - Deputy Director

Specialization: Inclusive Education, Marginalisation and Education, Educational Inclusion of Girls, Research Methodology and Advance Statistics, Educational Administration

- **Dr. R.P. Sahoo**
  Assistant Professor- cum -Assistant Director
  Specialization: Democratic institution (Theory and Practice) Exclusion and Inclusion, Culture and International Relation

- **Dr. Sangeeta Krishna**
  Assistant Professor- cum -Assistant Director
  Specialization: Modern Indian History, Social and Women's History, Gender Studies, Dalit and Subaltern Issues, Popular Culture

Non-Teaching Positions

- **Dr. Becha Lal**
  Research Assistant

- **Dr. Ram Pravesh Pal**
  Research Assistant

- Mr. Akhilesh Singh
  Attendant

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Dr. RP Sahoo

- Improving the Mental Health of Young People in India: A Social Inclusive Perspective, Journal Third Voice: Reality and Vision, December-2024 issue, DOI: https://doi.org/10.5281/zenodo.15168655
- The Indus Water Treaty 1960: Inclusion or Modification of Provisions in the Light of Changing Geopolitical Reality, World Focus, November 2024, ISSN 2230-8458, pp.69-74
- Revisiting democratic civility in India Via the lens of (excluded) caste and assertion by others (Submitted to Indian Journal of Political science)

Dr. Sangeeta Krishna

- Dalit Symbolism: A Journey Towards Renewed Aspirations and Democratic Public Space, Contemporary Voice of Dalit, 17(3) 2025, pp.294–313. DOI:10.1177/2455328X221083726
- Breaking Silence with Me Too Campaign Against Sexual Harassment of Women at Work: A New Visibility to Women Voice on Media Alochana Journal Volume 13 Issue 1 2024, pp 100-114.ISSN NO:2231-6329, DOI:20. 14118.AJ. 2024.V13I1.2168
- Changing Landscapes of Social Sciences Research with Focus on the Discipline of History, History Research Journal, Volume: 30, Issue: 01, No.1, January-February: 2024, pp 70-76. ISSN: 0976-5425 (P)

8.3.2 Books / Edited Books

Dr. RP Sahoo

- Narottam Gaan and Rudra Prasad Sahoo, (2024) (Ed)Global Contestation for Power: India and China, I I P Iterative International Publishers, Karnataka, ISBN 978-93-6252-829-2

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. P. Mohanty

- National Education Policy 2020: Opportunities and Challenges edited by Bimal Charan Swain, Kunal Books (Publishers & Distributers), New Delhi, pp.01-22,

Dr. RP Sahoo

- India-China Relations in Twenty First Century: Cooperation, Conflict and Revamping Strategic Competition and Beyond in Narottam Gaan and Rudra Prasad Sahoo, (2024) (Ed)*Global Contestation for Power: India and China,* IIP Iterative International Publishers, Karnataka, pp.49-67

Dr. Sangeeta Krishna

- Navigating Current Change in the Historical Genres Towards a Sustainable Research co System in Research Environment in Social Science Disciplines edited by S C Das, Reliance Publishing House, New Delhi, 2024, ISBN :978-81-7510-281-1
- Gender Violence Live in-Relation & Marriage: A Gender Perspective in book Gender Justice: Contemporary Developments Gender Justice: Contemporary Developments, edited by V. K Ahuja, Law & Justice Publishing Co. Delhi, 2025 ISBN: 978-93-48076-48-9

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. R.P Sahoo

- Online seminar on Maulana Abul Kalam Azad's vision for national unity in a multicultural country Friday, February 21,2025
- As Special guest in a Seminar organised by Maulana Azad Memorial Academy, Lucknow on the occasion of celebration of 134Birth Anniversary of Babasaheb Ambedkar On the theme: Social Justice and Dr Ambedkar held on 13-14 April 2025.
- As scholar invited to a constructive dialogue among communities and Consultation on the "Current Situation" to be held on Sunday, August 18, 2024, from 9:30 a.m. to 1:00 p.m. at Hotel Regenta Central, located at 36/18-4, Sapru Marg, Hazratganj, Lucknow (near Sahara Ganj Mall). The Consultation will be presided over by Maulana Mahmood A. Madani, Hon'ble President of Jamiat Ulama-i-Hind

Dr. Sangeeta Krishna

- Financial Inclusion of Women Entrepreneurs: Narratives of Passion Turned from Home Makers to Entrepreneur in National seminar on Inclusion of Women in Socio-Economic Culture & Political Life in Indian Society: A Step Forward for Benefit to All, organised by Department of Law, School of Legal Studies & Committee Basic Facilities for Women Babasaheb Bhimrao Ambedkar University, Lucknow, held on March 8, 2024

- Co- chaired National seminar on Inclusion of Women in Socio-Economic Culture & Political Life in Indian Society: A Step Forward for Benefit to All, organised by Department of Law, School of Legal Studies & Committee Basic Facilities for Women Babasahab Bhimrao Ambedkar University, Lucknow held on March 8, 2024.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision (Ph.D.)

Dr. Prasamita Mohanty

- Yashpriya Bajpai, Education/CSSI has enrolled as a Ph.D scholar with the thesis titled, "EXPLORING MATHEMATICAL POTENTIAL: THE INTERPLAY OF META-COGNITIVE SKILLS AND ACADEMIC RESILIENCE AMONG UNDERPRIVILEGED STUDENTS"
- Vandana Mishra, Education/CSSI, has enrolled as a Ph.D. scholar with the thesis titled, "CHALLENGES TO INCLUSIVITY: A COMPARATIVE STUDY OF PARENTAL INVOLVEMENT AND INVESTMENT PATTERN ON CHILDREN EDUCATION OF URBAN AND RURAL REGION IN UTTAR PRADESH "

Dr. R. P Sahoo

- Pankaj Kumar, Political Science/CSSI has enrolled as a Ph.D. scholar with the thesis titled, Subaltern Politics and Community Empowerment: A Comparative study of Musahar Community in Uttar Pradesh".

8.3.5.2 Ph.D. Awarded

- Number of students completed their Master/Graduation/Diploma - NIL
- Number of students selected in civil services (UPSC/UPPSC). - NIL
- Details of students selected for teaching in higher education. -NIL
- No. of students pursuing higher studies. - NIL
- Number of students selected on other government jobs/banking/school teaching etc.
- Number of students awarded SLET/NET/JRF/any other fellowship -02(JRF)

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	08
2.	Total number of journal publications by Department (International)	-
3.	Total number of publications in conference proceedings	-
4.	Total number of workshops/conferences/seminars/etc organized by Department	-
5.	Total number of PhD degree awarded by Department	-
6.	Total number of PG students	-
7.	Total number of UG students	-

8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	-
10	Total number of Award and Medals	-
11	Total number of Patents/copyright filed/granted	-
12	Total number of sponsored research project sanctioned	-
13	Total number of consultancy projects sanctioned	-
14	Total number of MOOCs courses developed	-
15	Total number of MOOCs courses completed by students	-
16	Total number of students qualifying National level examinations/JRF	02
17	Total number of total number of students opted for higher studies	-

School of Earth & Environmental Sciences

The School of Earth & Environmental Sciences comprises the following Departments.

- Geology
- Environmental Microbiology
- Environmental Science

The School of Earth & Environmental Sciences (SEES) represents an interdisciplinary school of international repute with the objective to inculcate reasoning, innovation, critical analysis and problem-solving approach to achieve sustainable environment on earth. A need for better and safer environment has been realized recently, more than ever before, as the problem of contamination of water, soil and atmosphere by toxic substances is leading to loss of productivity and increasing health hazards. Water crises, energy depletion, global warming, loss of biodiversity, deforestation and an overall imbalance in ecosystems are increasing day-by-day. The School of Environmental Science was established in the year 1997 with an aim to promote and prepare passionate professionals who could drive positive change in the areas of resource sustainability, conservation of resources, development of clean and green technology, and also offer leadership in the field of environment. Artificial intelligence has been incorporated in the research programme of Department of Environmental Microbiology for sustainable development in the field of Environment, Agriculture, Food and Industrial sector. Presently the SEES is having three full-fledged departments i.e., Department of Environmental Science, Department of Environmental Microbiology and Department of Geology housed in palatial building equipped with latest State-of-Art laboratories. There are 19 well qualified, full time permanent faculty members. The school is running nine full time UG, PG and Ph.D. programmes with major emphasis on excellent training to students in their respective field of study which also provides ample opportunities for personality development of student.

Department of Geology

About the Department

The Department of Geology was established in 2015 under the School of Environmental Sciences and was upgraded in 2020 under the School of Earth and Environmental Science. It offers **B.Sc. (Hons.) Geology (4 years)** under the NEP 2020 and **M.Sc. Geology (2 years)**, emerging as a leading centre for geological studies in Northern India. The Department focuses on **mineralogy, petrology, geodynamics, geochemistry, palaeontology, oceanography, metamorphism, groundwater geology, stratigraphy, structural geology, GIS, and disaster management.** Equal emphasis is given to **field training, laboratory studies, and interdisciplinary research.**

Strengths of the Department

- Experienced, interdisciplinary, and research-oriented faculty (All Ph.D. holders).
- Strong focus on **field-based geology training**, the capstone of the curriculum.
- Active **research culture** – 30 international and 2 national publications in 2024–25.
- Faculty members are editors of **international journals, edited books and book series**.
- **Patents awarded/filed** in environmental and applied geology domains.
- Student achievements in **GATE and JAM** exams.
- Well-equipped with **classrooms, laboratory, departmental library, and computer facilities**.

- Active involvement in **environmental awareness programmes**

Next Year Plan (2025–26)



- Recruitment of permanent faculty members.
- Establishment of **Petrological and Remote Sensing Laboratories**.
- Introduction of **Ph.D. programme** in Geology.
- Launch of **certificate course in Geology**.
- Strengthening of **departmental library** with updated reference and research material.
- Development of **international collaborations** with reputed institutions.
- Enhancing alumni engagement for mentoring and career support.

1. Curricular Aspects

1.1 (U) Curriculum Design and Development / 1.1 (A) Curricular Planning and Implementation



- B.Sc. (Hons.) Geology (3 years) and M.Sc. Geology (2 years) introduced in 2015 under School of Environmental Sciences; upgraded to Department of Geology in 2020.
- Curriculum designed to cover advanced mineralogy, petrology, geodynamics, geochemistry, palaeontology, oceanography, groundwater geology, stratigraphy, structural geology, disaster management, etc.
- Equal emphasis on field-based skills, laboratory training, and interdisciplinary teaching (linking geology with biological, chemical, and physical sciences).

1.2 Academic Flexibility



- Full-time UG and PG degree programmes.
- Field-based study components and interdisciplinary electives.

1.3 Curriculum Enrichment



- Celebration of *World Earth Day (2023)* as a two-day event with seminars and competitions on natural resource conservation.
- Guest lectures and viva voce by eminent scientists from BSIP, Lucknow; IIT-BHU, Varanasi; and University of Lucknow, Lucknow.

1.4 Feedback System

- Student performance evaluated through viva voce by external experts.
- Department plans to strengthen feedback mechanisms with future inclusion of alumni and industry feedback.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- B.Sc. Geology: 203 students
- M.Sc. Geology: 45 students

2.2 Catering to Student Diversity



- Focus on both regional students and those aspiring for national-level research and industry opportunities.

2.3 Teaching-Learning Process



- Interdisciplinary teaching methodology.
- Regular field trips and practical-based training.

2.4 Teacher Profile and Quality



- Nine highly qualified Resource Persons (all Ph.D. holders) with expertise in environmental geology, palaeontology, remote sensing & GIS, geochemistry, marine geology, and computational material Science.

2.5 Evaluation Process and Reforms



- Viva voce and practical exams with external experts from IIT-BHU, Varanasi; BSIP, Lucknow; JNU, New Delhi; LU, Lucknow; AMU, Aligarh; ISM Dhanbad, Dhanbad etc.

2.6 Student Performance and Learning Outcomes



- Student achievements: GATE & JAM qualifiers (2023) – Shubham Mishra, Kumar Abhinav, Anupam Nag, Ripul Kumar Singh, Pratiksha Kumar.
- 35 M.Sc. and 09 B.Sc. students graduated in 2024–25.

2.7 Student Satisfaction Survey

- Positive outcomes reflected in increased enrolment and consistent placement in higher education/competitive exams.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- Research interests include environmental geochemistry, palaeo-climatic studies, groundwater quality, structural geology, sedimentology, and environmental sustainability.

3.2 Resource Mobilization for Research



- Faculty engaged in collaborative publications with international and national researchers.

3.3 Innovation Ecosystem

- Patents Granted:
  - Bio-Geo-Adsorbent for fluoride removal (Indian Government; Patent No. 444346).
  - Eco-friendly nanocomposite fertilizer (German Government; Patent Number 202025101544).
  - Solar Wind Effect Analyzer (Indian Government; Patent No. 47383-001).

3.4 Research Publications and Awards



- National Publications: 02
- International Publications: 30
- Awards: 02

3.5 Consultancy – Nil

3.6 Extension Activities

- World Earth Day (2023) awareness activities on conservation and sustainability.

3.7 Collaboration

- National academic collaborations with BSIP Lucknow, IIT-BHU, and Lucknow University.
- Future plan: International collaborations.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- 1 Laboratory, 4 Lecture Rooms, 1 Departmental Library.

4.2 Library as a Learning Resource

- Departmental library in addition to central facilities.

4.3 IT Infrastructure

- Classrooms are ICT enabled.

4.4 Maintenance of Campus Infrastructure

- Well-equipped labs and classrooms maintained regularly.

5. Student Support and Progression



5.1 Student Support

- Guidance for higher studies and competitive exams (GATE, JAM, NET).

5.2 Student Progression

- Several students qualified for GATE and JAM.
- High enrolment in postgraduate programmes.

5.3 Student Participation and Activities

- Active participation in World Earth Day and departmental events.

5.4 Alumni Engagement

- Alumni engaged in higher education and competitive exams.
- Plans to strengthen alumni network.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- To promote quality teaching, advanced geological research, and student skill development.

6.2 Strategy Development and Deployment

- Syllabus regularly updated with new trends.
- Focus on interdisciplinary research.

6.3 Faculty Empowerment Strategies

- Faculty involved in international book series editing, editorial boards, and receiving research awards.

6.4 Financial Management and Resource Mobilization

- Research funded through collaborations and external agencies (future scope for expansion).

6.5 Internal Quality Assurance System

- Ongoing academic audits through external viva voce examiners.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Promotes conservation and sustainability awareness.
- Values of tolerance, progressiveness, and fraternity in teaching.

7.2 Best Practices

- Strong field-based training programme (capstone of Geology curriculum).
- Integration of interdisciplinary sciences (Biology, Chemistry, Physics, Math with Geology).

7.3 Institutional Distinctiveness

- Only dedicated Department of Geology in Northern India with integrated UG–PG programmes.
- Strong patent portfolio, faculty research output, and student success in competitive exams.

8. Faculty Profile (Department Specific)

8.1 Academic Details

Prof. Narendra Kumar and 9 Resource Persons

8.2 Various Positions held in & out the Institution - NIL

8.3 Research Publications

8.3.1 Research Articles

8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

8.3.5 Research Supervision:

8.3.5.1 Ongoing Supervision: NA

- B.Sc. Project: 35
- M.Sc. Dissertation: 32

8.3.5.2 Ph.D. Awarded: NA

8.3.6 Projects/Consultancy/and any other: NA

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

8.3.8 Patent:

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	00
2.	Total number of journal publications by Department (International)	00
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	03
5.	Total number of PhD degree awarded by Department	NIL
6.	Total number of PG students	45
7.	Total number of UG students	203
8.	Total number of diploma/certificates students (if any)	NIL
9.	Total number of students placed	04
10	Total number of Award and Medals	NIL
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	NIL
13	Total number of consultancy projects sanctioned	NIL
14	Total number of MOOCs courses developed	NIL
15	Total number of MOOCs courses completed by students	NIL
16	Total number of students qualifying National level examinations	05
17	Total number of students opted for higher studies	35

Department of Environmental Microbiology

About the Department

The Department of Environmental Microbiology was established in 2010 (earlier initiated as an Innovative Project in 2007–08). It offers **M.Sc. and Ph.D. programmes in Environmental Microbiology**, and **M.Sc. in Industrial Microbiology** and **M.Sc. in Food Microbiology & Toxicology**. The curriculum follows **NEP 2020 guidelines**, focusing on **bioremediation, sustainable microbial technologies, food microbiology, and industrial applications**.

The Department has **2 Professors, 4 Associate Professors, and 2 Assistant Professors** with expertise in microbial ecology, bioremediation, molecular microbiology, metagenomics, stress physiology, infection biology, and biotechnology. It has well-equipped **teaching and research laboratories, smart classrooms, and modern equipment** supported by DST-FIST, DBT, and UGC grants.

The department's mission is to **combat environmental problems through microbial approaches, contribute to food security, and create industry-ready manpower.**

Strength of the Department

- Strong interdisciplinary **faculty expertise** with national and international recognition.
- **State-of-the-art laboratories** in rhizosphere biology, bioremediation, molecular microbiology, and applied microbiology.
- **Funded research projects** from DST, DBT, UGC, ANRF, and UP-CST.
- Proven track record of **high-impact research publications, books, and patents in progress**.
- **Student-centric approach** with hands-on training, dissertations, and industry exposure.
- Placement and higher education pathways: alumni in government, academia, and industry.

Next Year Plan (2025-26)



- **Curriculum Development**: Introduce new elective courses in bioinformatics, microbial nanotechnology, and industrial microbiology applications.
- **Research Infrastructure**: Establish advanced facilities for genomics, proteomics, and microbial fuel cell research.
- **Collaboration**: Initiate MoU's with national and international research institutes and industries for joint projects.
- **Student Support**: Launch coaching sessions for **NET/JRF and competitive exams**.
- **Extension and Outreach**: Organize at least 2 national seminars/workshops and 1 community outreach program on environmental sustainability.
- **Sustainability Goal**: Move towards a **self-sustaining centre of excellence in bioremediation and microbial technology applications**.

1. Curricular Aspects

1.1 Curriculum Design and Development



- M.Sc. and Ph.D. in Environmental Microbiology, along with M.Sc. in Industrial Microbiology and M.Sc. in Food Microbiology & Toxicology.
- Curriculum aligned with **NEP 2020**; includes core, elective, and skill development courses.
- Dissertation work is mandatory for final semester students.

1.2 Curricular Planning and Implementation

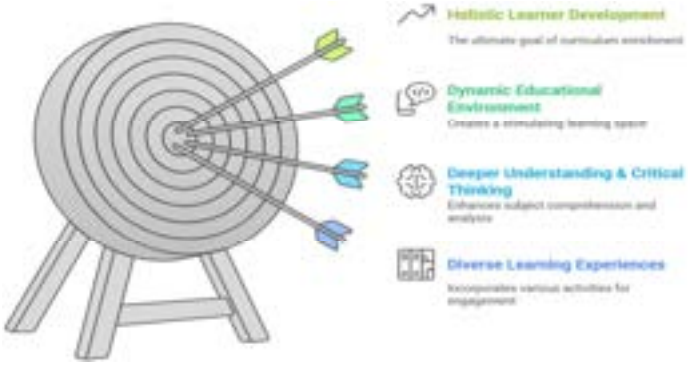
- Courses designed to address industrial and research needs.
- Industrial visits and hands-on training integrated into teaching.
- Curriculum updated with feedback from stakeholders.

1.3 Academic Flexibility



- Options across Environmental, Industrial, and Food Microbiology.
- Elective and skill-based courses available.

1.4 Curriculum Enrichment

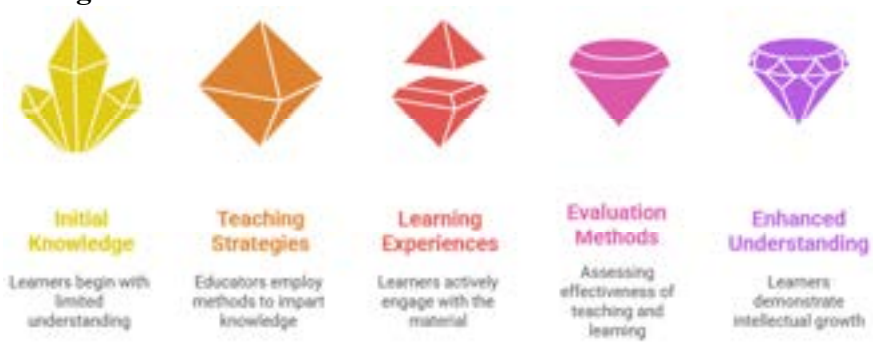


- Focus on sustainability, bioremediation, nutraceutical foods, and industrial applications.
- Incorporates seminars, interaction meetings, and industry exposure.

1.5 Feedback System

- Student feedback on curriculum implementation.
- Regular review meetings conducted by faculty.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- PG students: 102
- Ph.D. students: 35 (awarded), ~25 ongoing.
- Students from diverse backgrounds (National and International).

2.2 Catering to Student Diversity



- Industrial and field visits to support diverse learning.
- Personalized guidance during dissertation and Ph.D. work.

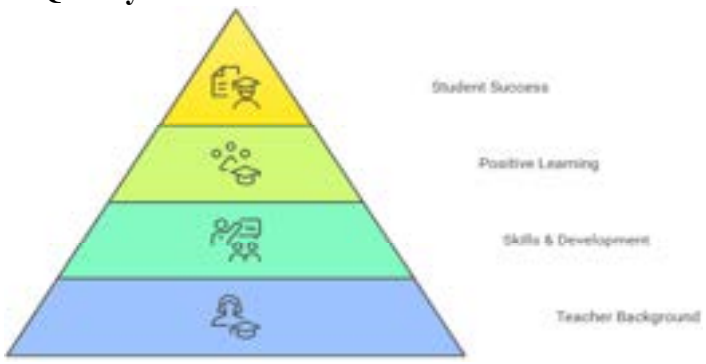
2.3 Teaching-Learning Process



- Smart classroom, modern laboratories, research-based learning.

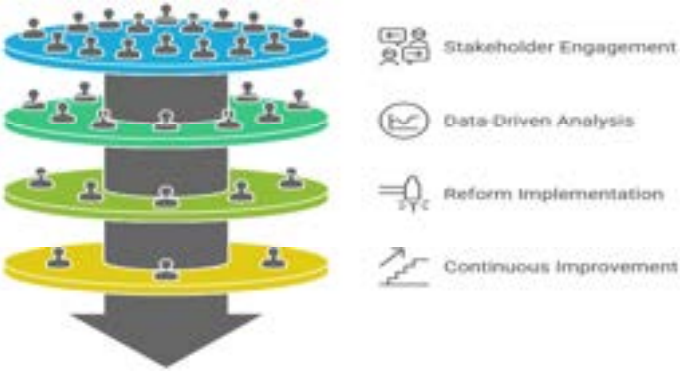
- Industrial exposure through field visits and projects.

2.4 Teacher Profile and Quality



- Faculty: 2 Professors, 4 Associate Professors, 2 Assistant Professors.
- Expertise in microbial ecology, bioremediation, stress physiology, molecular microbiology, metagenomics, etc.
- Many faculty hold fellowships, editorial roles, and national/international recognition.

2.5 Evaluation Process and Reforms



- Continuous internal assessment.
- Answer sheets shown to students for transparency and feedback.

2.6 Student Performance and Learning Outcomes



- Graduates placed in government, teaching, and private sectors.
- 36 student achievements/placements reported.

2.7 Student Satisfaction Survey

- Evidence of satisfaction from participation in seminars, field visits, co-curriculars, and research exposure.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- State-of-the-art research labs: Rhizosphere Biology, Bioremediation, Molecular Microbiology, etc.
- Funded by DST, DBT, UGC (FIST Level 1).

3.2 Resource Mobilization for Research



- Research grants from national funding agencies.
- ANRF, UP-CST, UGC, DST-Inspire funded projects.

3.3 Innovation Ecosystem

- Research on microbial fuel cells, bioremediation, nanofibrous mats, rare earth element recovery.
- Development of microbial-based food products and nutraceuticals.

3.4 Research Publications and Awards



- Publications (2024–25): National – 06, International – 55.
- Books, book chapters, edited volumes, and high-impact journal articles: 15
- Faculty fellows in national/international bodies.

3.5 Consultancy

- Free consultancy by Prof. Ram Chandra to Saviour Envirotech, Lucknow (ETP & STP design).

3.6 Extension Activities

- Industrial visits (e.g., Pakka Ltd., CETP Unnao).
- Awareness on eco-friendly processes and wastewater management.

3.7 Collaboration

- Limited MoUs; collaborations mainly through research projects and visiting experts.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- M.Sc. Laboratory, Research Laboratory, Smart Classroom.

4.2 Library as a Learning Resource

- Department utilizes central university library; reference materials in labs.

4.3 IT Infrastructure

- Smart classroom with digital facilities.
- Access to online journals and digital resources.

4.4 Maintenance of Campus Infrastructure

- Continuous renovation of M.Sc. labs.
- Maintenance through university support and external funding.

5. Student Support and Progression



5.1 Student Support

- Guidance for NET/JRF, higher studies, and placements.
- Dissertation projects foster research skills.

5.2 Student Progression

- 15 pursuing higher studies.
- 01 Govt. job, 06 in higher education teaching, 29 in jobs.

5.3 Student Participation and Activities

- Cricket matches, co-curricular/extra-curricular events.
- Industrial visits and workshops.

5.4 Alumni Engagement

- Alumni placed in academics, industries, and research institutions.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: Sustainable environment through microbial applications.
- Leadership by senior professors with national/international recognition.

6.2 Strategy Development and Deployment

- Roadmap: self-sustaining department, excellence in bioremediation and microbial technologies.

6.3 Faculty Empowerment Strategies

- Faculty encouraged for research grants, editorial positions, and national/international collaborations.

6.4 Financial Management and Resource Mobilization

- Funding from DST, DBT, UGC, UP-CST, ANRF.

6.5 Internal Quality Assurance System

- Transparent evaluation system.
- Regular academic meetings and student interaction.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Commitment to environmental sustainability.
- Research aligned with ecological balance and industrial problem-solving.

7.2 Best Practices

- Microbial solutions for eco-restoration and industrial waste remediation.
- Industry-oriented microbiology training.

7.3 Institutional Distinctiveness

- Focused on **bioremediation, microbial diversity, and food security**.
- Nationally recognized research output and faculty leadership.

8. Faculty Profile:

8.1 Academic Details

- **Prof. Rajesh Kumar**

Professor & Head
Dean (SEES)
Specialization: Environmental Microbiology, Abiotic Stress Management
Experience: Teaching and research: 25 Years
Qualification: M.Sc., Ph.D.

- **Prof. Ram Chandra**
  Professor
  Specialization: Environmental Microbiology and Bioremediation
  Experience: Teaching: 14 Research: 35 Years
  Qualification: Ph.D.

- **Dr. Jay Shankar Singh**
  Associate Professor
  Specialization: Microbial Ecology and Environmental Microbiology
  Experience: Teaching: 19 years Research: 19 Years
  Qualification: M.Sc., Ph.D.

- **Dr. Suneesh Kumar Pachathundikandi**
  Associate Professor
  Specialization: Innate Immunity, Infection Biology, Cytokine Biology, Transcriptomics and Genomics, Immunology, Biochemistry
  Experience: Teaching: 06 years Research: 18 Years
  Qualification: M.Sc., Ph.D.

- **Dr. Vinay Singh Baghel**
  Associate Professor
  Specialization: Water and Glacier Microbiology
  Experience: Teaching: 16 Research: 16 years
  Qualification: M.Sc., Ph.D.

- **Dr. Ram Naresh Bhargava**
  Associate Professor
  Specialization: Environmental Microbiology & Biotechnology
  Experience: Teaching: 14 Research: 14
  Qualification: Ph.D.

- **Dr. Ravi Kumar Gupta**
  Assistant Professor
  Specialization: Molecular Microbiology, Natural antimicrobials, Microbial bioplastic.
  Experience: Teaching: 08 years Research: 14 Years
  Qualification: M.Sc., Ph.D.

- **Dr. Digvijay Verma**
  Assistant Professor
  Specialization: Metagenomics, Microbiomics and Extremozymes
  Experience: Teaching: 08 years Research: 14 Years
  Qualification: M.Sc., Ph.D. (Microbiology

8.2 Various Positions held in & out the Institution-
8.3 Research Publications

8.3.1 Research Articles

Prof. Rajesh Kumar

- Bharti S, Singh B, Kumar S, Kumar R, Kumar J. Synthesis of bio-stabilized silver nanoparticles using *Roccella montagnei*, their anticandidal capacities and potential to inhibit the virulence factors in fluconazole-resistant *Candida albicans*. *World J Microbiol Biotechnol.* 2024;40, doi:10.1007/s11274-024-03928-w
- Ambust S, Purohit A, Das AJ, Kumar R, Ghosh D. Glycolipid biosurfactant-assisted remediation strategy to minimize the petroleum contaminant footprint in environmental compartments. *Water Air Soil Pollut.* 2023;234(12):767.
- Upadhyay S, Verma S, Dhawan S, Chandra R, Kumar R. Isolation, identification and study of antimicrobial property of potential probiotic bacteria from dairy products of Lucknow city. *Open Access J Microbiol Biotechnol.* 2023;8, doi:10.23880/oajmb-16000276
- Bharti S, Paliya B, Nayaka S, Kumar R. Deposition of *Daldinia starbaeckii* (ELF) functionalized silver nanoparticles on urinary catheter tube using chitosan polymer to prevent bacterial biofilm formation during UTI infection. *Arch Microbiol.* 2023; 205:277. doi:10.1007/s00203-023-03608-7

Prof. Ram Chandra

- Soni K, Kothamasi D, Chandra R. Municipal wastewater treatment plant showing a potential reservoir for clinically relevant MDR bacterial strains: co-occurrence of ESBL genes and integron-integrase genes. *J Environ Manage.*2024;351:119938.
- Jyoti K, Soni K, Chandra R. Phytotoxicity and genotoxicity assessment of organic and inorganic contaminants detected in pharmaceutical industrial wastewaters using *Vigna radiata* and *Allium cepa*. *J Exp Biol Agric Sci.* 2024;12(1):76–92.
- Verma P, Chandra R. Removal of residual organic pollutants from pulp paper industry wastewater using bacterial strains *Acinetobacter baumannii* (OK582199) PC4 and *Bacillus cereus* (OK582201) PC10 via biostimulation and bioaugmentation process. *Total Environ Adv.* 2024; 10:200101.
- Sharma P, Chandra R. Phytoremediation mechanism and role of plant growth promoting rhizobacteria in weed plants for eco-restoration of hazardous industrial waste polluted site: a review. *Environ Sci Pollut Res.* 2024;31(30):42495–42520.
- Jyoti K, Soni K, Chandra R. Pharmaceutical industrial wastewater exhibiting the co-occurrence of biofilm-forming genes in the multidrug-resistant bacterial community poses a novel environmental threat. *Aquat Toxicol.*2024;273:107019.
- Jyoti K, Soni K, Chandra R. Optimization of the production of exopolysaccharide (EPS) from biofilm-forming bacterial consortium using different parameters. *Microbe.* 2024; 4:100117.
- Soni K, Jyoti K, Kumar A, Chandra R. Coexistence of multidrug resistance and ESBL encoding genes *bla*_{TEM}, *bla*_{SHV}, and *bla*_{CTX-M}: its amplification and dispersion in the environment via municipal wastewater treatment plant. *Chemosphere.* 2024; 362:142829.
- Iqbal MZ, Singh K, Chandra R. Recent advances of plant growth promoting rhizobacteria (PGPR) for eco-restoration of polluted soil. *Clean Eng Technol.* 2024;100845.
- Bano S, Singh K, Chaudhary A, Chandra R. Innovative methods for the valorisation of solid wastes from sugar mill and refineries for sustainable development: a review. *Clean Waste Syst.* 2025;100230.

Dr. Jay Shankar Singh:

- Singh JS, Tiwari S, Singh P, Nigam RK, Kravchenko IK. Paddy cultivar diversification for management of soil methane emissions and sustainable rice production. *Environ Sustain.* 2025; 8:709–713.

- Vimal SR, Singh JS, Prasad SM. Role of endophytic *Bacillus subtilis* SSA4 and melatonin in enhancing paddy seedling. *Curr Microbiol.* 2025; 7:100299.
- Nigam RK, Singh P, Singh JS. Assessment of sugar mill effluent discharge on soil physico-chemical attributes and its correlation with soil microbial biomass in paddy fields. *Discov Agric.* 2025;11(2): e15da3155.
- Vimal SR, Prasad SM. Paddy seeds bacterization with ACC deaminase-producing endophyte *Alcaligenes faecalis* SSP8 regulates physiology, leaf gas exchange parameters, PSII photochemistry, and antioxidant enzyme metabolism in NaCl-stressed seedlings. *Curr Res Microb Sci.* 2024; 5:100299.
- Boudh S, Tiwari S, Singh C, Singh JS. Lindane degradation potential of methanotrophs and soil microbial biomass from HCH-contaminated sites. *Environ Adv.* 2024; 8:100581.
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- Vimal SR, Singh JS, Kumar A, Prasad SM. The plant end microbiome: structure and strategies to produce stress-resilient future crops. *Curr Res Microb Sci.* 2024; 5:100236.

Dr. Suneesh Kumar Pachathundikandi:

- Verma J, Anwar MT, Linz B, Backert S, Pachathundikandi SK. The influence of gastric microbiota and probiotics in *Helicobacter pylori* infection and associated diseases. *Biomedicines.* 2024;13(1):61.
- Kashaudhan K, Pande PP, Sharma J, Shankar R, Chaurasiya A, Verma J, Pachathundikandi SK, Maddheshiya AK. Poly (acrylic acid)-grafted xanthan gum xanthate as reusable adsorbent for the removal of Cu (II) and Co (II) ions from aqueous solutions. *Environ Prog Sustain Energy.* 2025;44(4): e70006.

Dr. V.S. Baghel:

- Singh P, Singh A, Singh R, Baghel VS. Indicator bacterial assessment of Kuwano River, lifeline of Basti City, Uttar Pradesh, India. *Afr J Biol Sci.* 2024;6(15):8332–8345.
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DR. RAM NARESH BHARAGAVA

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Dr. Ravi Kumar Gupta:

- Kapoor DD, Madaan P, Kumar J, Tiwari SK, Gupta KK, Gupta RK. Transition towards renewable and biodegradable polymers: a comprehensive review. *J Polym Res.* 2025;32(11):45–24. doi:10.1007/s10965-025-04524-8
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Dr. Digvijay Verma

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- Arya M, Chauhan G, Fatima T, Verma D, Sharma M. Statistical modelling of thermostable cellulase production conditions of thermophilic *Geobacillus* sp. TP-1 isolated from Tapovan hot springs of the Garhwal Himalayan Mountain ranges, India. *Indian J Microbiol.* 2024; 64:1132–1143.
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- Kumar V, Verma D. Production, characterization, and applications of a novel thermo-acidophilic L-asparaginase of *Pseudomonas aeruginosa* CSPS4. *3 Biotech.* 2024; 12:1–15.
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- Tiwari VK, Vishwakarma A, Verma D, et al. Microbial diversity analysis of municipal solid waste landfill soils of Delhi (NCR) and plastic dump sites of Uttar Pradesh, India, and their function prediction for plastic-degrading enzymes. *World J Microbiol Biotechnol.* 2025; 41:187.

- Srivastava A, Verma D. Diversity, antibiotic resistance, and biofilm profiling of the inhabitant bacteria of the Ganga River, India. *Microbe.* 2025; 7:100404.

8.3.2 Books / Edited Books

- Chandra R, Singh K. *Bioremediation: Green Solution of Environmental Pollutants.* New Delhi: Elite Publisher & Distributors; 2024. ISBN: 9789358991246.

Dr. Jay Shankar Singh

- *Microbes Based Next Generation Sustainable Solutions for Climate Resilient Agriculture.* Boca Raton: CRC Press; 2025.
- *Botanical Microbiomes: Sustainable Practices in Agriculture and Ecosystem Management.* Amsterdam: Elsevier; 2025.

Dr. Ravi Kumar Gupta

- Joshi S, Verma D, Gupta RK. *CRISPR/Cas System in Translational Biotechnology.* San Diego (CA): Academic Press (Elsevier); 2024. ISBN: 9780323918084.

Dr. Digvijay Verma:

- Verma D, Satyanarayana T, Dias PJ. *Microbial comparative genomics and pangenomics: new tools, approaches and insights into gene and genome evolution.* Front Genet. 2025.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance:

Prof. Rajesh Kumar

- Kumar R, Medhi MK, Ambust S, Kumar R, Das AJ. Characterization and purification of biosurfactants. In: Aslam R, Mobin M, Aslam J, Zehra S, editors. *Advancements in Biosurfactants Research.* Cham: Springer; 2023. doi:10.1007/978-3-031-21682-4_4.

Dr. S. K. Pachathundikandi

- Verma J, Gupta RK, Pachathundikandi SK. Isolation, molecular identification and optimization of an endophytic bacteria from guava fruit. *Proc. Int. Semin. Environ. Issues Challenges 21st Century (EICC-2025);* 2025 Jun; Bareilly, Uttar Pradesh, India: Bareilly College & Environment, Agriculture and Education Society.

Dr. Ram Naresh Bharagava

- Saran C, Devi A, Saratale GD, Saratale RG, Ferreira LFR, Mulla SI, Bharagava RN. Bacterial treatment of industrial wastewaters: applications and challenges. In: Bharagava RN, editor. *Microbes Based Approaches for the Management of Hazardous Contaminants.* 1st ed. Hoboken (NJ): Wiley; 2024. p. [chapter pagination]. doi:10.1002/9781119851158.ch11.
- Devi A, Saran C, Saratale GD, Saratale RG, Ferreira LFR, Mulla SI, Bharagava RN. Sustainable algal industrial wastewater treatment: applications and challenges. In: Bharagava RN, editor. *Microbes Based Approaches for the Management of Hazardous Contaminants.* 1st ed. Hoboken (NJ): Wiley; 2024. p. [chapter pagination]. doi:10.1002/9781119851158.ch12.
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- Devi A, Saran C, Verma M, Saratale GD, Ferreira LFR, Bharagava RN. Simultaneous extraction, separation and characterization of biomolecules from microalgal biomass. In:

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- Saran C, Devi A, Saratale GD, Ferreira LFR, Bharagava RN. Bioenergy generation and cogeneration from algae-based biorefineries. In: Bharagava RN, editor. *Value Added Products from Bioalgae Based Biorefineries: Opportunities and Challenges.* 1st ed. Singapore: Springer; 2024. p. [chapter pagination]. doi: 10.1007/978-981-97-1662-3.ch9.
- Devi A, Saran C, Ferreira LFR, Mulla SI, Bharagava RN. Sustainable approaches to algal biofuels: opportunities, key challenges and current status. In: Bharagava RN, editor. *Value Added Products from Bioalgae Based Biorefineries: Opportunities and Challenges.* 1st ed. Singapore: Springer; 2024. p. [chapter pagination]. doi: 10.1007/978-981-97-1662-3.ch8.

Dr. Ravi Kumar Gupta

- Singh AK, Kapoor V, Gupta RK. Application of CRISPR in cancer research and treatment. In: *Molecular Biomarkers for Cancer Diagnosis and Therapy.* Singapore: Springer Nature; 2025. ISBN: 9819937450.
- Kapoor DD, Yadav S, Gupta RK. Microbial life and adaptation on land, underwater, and other planets for sustainable development. In: Sobti RC, editor. *Biotechnology Innovations for a Sustainable Future.* Singapore: Springer Nature; 2025. doi:10.1007/978-981-97-9859-9_21.
- Yadav S, Gupta RK. Application of CRISPR-Cas in disease diagnosis and management. In: Joshi S, Verma D, Gupta RK, editors. *CRISPR/Cas System in Translational Biotechnology.* Cambridge, MA: Academic Press (Elsevier); 2024. p. 163–173. ISBN: 9780323918084.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- **Oral presentation on the topic "***Characterization of rhizospheric bacterial communities from Dactyloctenium aegyptium capable of phytoextraction of Cr from tannery sludge"* on dated 23 August, 2024 in International Conference on Microbial Biotechnologies for Sustainable Development, jointly organized by Microbiological Association for Science and Technology Development (MASTD), India and Glorious Vision University, Nigeria.

- **Oral presentation on the topic "***Environmental impact of organic and inorganic pollutants presents in distillery sludge and their remediation strategy"* on dated 24 August, 2024 in International Conference on Microbial Biotechnologies for Sustainable Development, jointly organized by Microbiological Association for Science and Technology Development (MASTD), India and Glorious Vision University, Nigeria.

- **Poster presentation at 65th AMI Conference on the topic** *Comparative study of phytoremediation potential and culturable bacterial communities of Cannabis sativa and Eleusine indica growing on distillery sludge for eco-restoration of polluted sites.*

- **Poster presentation at 65th AMI Conference on the topic** *Characterization of culturable and non-culturable rhizospheric bacterial communities from Dactyloctenium aegyptium capable of phytoextraction of chromium from tannery waste*

- **Prof. Ram Chandra** Attended one day workshop on Institutional Development Programme (IDP) as Nodal Officer and Chairman of BBAU, organized by UGC, Ministry of Education at INSA, New Delhi on Sept 04, 2024.

- **Prof. Ram Chandra** Attended Three Day National Workshop on "NAAC Accreditation and Outcome Based Education through AI Powered Digital Learning" organized by Osmania University on March 03-05, 2024.

- **Prof. Ram Chandra** attended international conference on "International Conference on Microbial Biotechnology, Microbial Genetics and Genomics ICMBMGG-24" and delivered a lecture as Keynote speaker on "Integration of FeO and CuO nanoparticles with phytoremediation as an innovative technology for Eco restoration and metagenomic analysis of the distillery waste polluted site" held during June 05-06, 2024 at Dublin, Ireland.

Invited Lectures

- Prof. Ram Chandra (2024) delivered lecture as Invited Speakers on " Bacterial assisted heavy metals phytoextraction potential of native plants and their histological observation growing on distillery sludge: A novel green technology tool for in situ phytoremediation of hazardous industrial waste management for eco restoration "on dated 15th November, 2024 in 65th Annual International Conference of Association of Microbiologists of India (AMI) organized by Guru Jambeshwar University of Science and Technology, Hisar, Haryana between 14 17 November, 2024.
- Prof. Ram Chandra (2024) delivered lecture as Invited Speakers on "Bioremediation of Distillery waste'' on dated 22 August, 2024 in International Conference on Microbial Biotechnologies for Sustainable Development, jointly organized by Microbiological Association for Science and Technology Development (MASTD), India and Glorious Vision University, Nigeria.
- Prof. Ram Chandra (2024) delivered lecture as Invited Speakers on "Bioremediation of Distillery waste'' on dated 22 August, 2024 in International Conference on Microbial Biotechnologies for Sustainable Development, jointly organized by Microbiological Association for Science and Technology Development (MASTD), India and Glorious Vision University, Nigeria.

Dr. Jay Shankar Singh:

- **Paddy Crop Diversification in Ecological CH_4 Emission Management and Sustainable Rice Production.** 11th International Conference on "***Recent Advances in Agriculture, Biological & Applied Sciences for Eco-Friendly Development (RAABASED-2025)***". July 25-27, 2025, Maya Devi University, Dehradun, Uttarakhand, India.

- **Microbial Services in Methane Emissions Mitigation and Sustainable Paddy Production. In:** National Training cum Refresher Course January 01, 2025, Chintamani University of Agricultual Sciences, Bangalore, Karnatka & AESD, India.

- **Microorganisms: A New Dimensions for Next Generation Climate Resilient Agriculture.** 10th International Conference on "***Recent Advances in Agriculture, Engineering, Applied & Life Sciences for Environmental Sustainability (RAAEALSES-2024)***" October 23-25, 2024, Uttaranchal University Dehradun, Uttarakhand, India.

- **Future of Microbes in Agriculture and Environmental Sustainabilit**y. 9th International Conference on ***"Current Approaches in Agriculture, Biological & Applied Sciences for Sustainable Development (CAABASSD-2024)"***, March 01-03, 2024, Kumano University, Nainital, Uttarakhand, India.

Dr. Ram Naresh Bharagava

- Delivered an Invited Lecture on "Xenobiotic: Type, Environmental and Health Threats and Remedies" in One Week Interdisciplinary Short-Term Programme entitled: Bioinformatics and Biological Research" organized by Malaviya Mission Teacher Training Centre (MMTTC), Central University of South Bihar (CUSB), Gaya, Bihar Under Malaviya Mission of Teacher Training Programme (MMTTP) of UGC from March 24-29, 2025

Dr. Digvijay Verma

- Delivered an oral presentation on 'Characterization of a novel thermo-acidophilic l-asparaginase of Pseudomonas aeruginosa CSPS4 and its applicability in acrylamide degradation in starch-based food products' at GJUST, Hisar, during 14-17 November, Association of Microbiologists of India, 2024.

8.3.5.1 Ongoing Supervision-

- Prof Rajesh Kumar: 05
- Prof Ramchandra: 06
- Dr. Jay Shankar Singh: 02
- Dr Suneesh Kumar Pachathundikandi: 03
- Dr. Ram Naresh Bharagava: 02
- Dr. Ravi Kumar Gupta: 03
- Dr. Digvijay Verma: 03

8.3.5.2 PhD Awarded (2024-2025)

- Prof Rajesh Kumar: 01
- Prof Ramchandra: 03
- Dr. Ravi Kumar Gupta: 01
- Dr. Digvijay Verma: 01

8.3.6 Projects/Consultancy/and any other

M/S Saviour Envirotech, Lucknow

- Drawing, designing, engineering, construction, supply, installation and erection & commissioning of 5KLD effluent treatment plant & 80 KLD STP, Railway Hospital Lucknow

Dr. R.N. Bharagava

- Development and optimization of a microbial fuel cell (MFCs) consortium for the effective degradation and detoxification of residual dyes from textile industry wastewater with simultaneous bioelectricity generation.
- Development and demonstration of pulp paper mill effluent detoxification technology after secondary treatment by combination of bio-augmentation and constructed wetland treatment process for re-use and prevention of river pollution

Dr. Ravi Kumar Gupta

- Development of novel biodegradable nanofibrous mats for rapid healing of diabetic wound infections UP-CST 09-08-2024-08-08-2027 (Budget: 15.36 lakhs): PI

Dr. Digvijay Verma

- Investigating the role of smokeless tobacco metabolites in biofilm formation and antimicrobial resistance. ANRF-CRG grant (Budget: 51.97 lakhs): PI
- Microbes assisted recovery of Rare Earth Elements (REE) from Laterite Badlands, Coal and lignite mines overburden. ANRF-CRG grant (Budget: 40.35 lakhs); CO-PI
- Prototype development for acrylamide degradation in starch-based fried food products using thermostable bacterial L-asparaginases. UP-CST (Budget: 11.89 lakhs). PI

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Jay Shankar Singh

- Outstanding Research Achievement Award-2023 (Among the World's top 2% Scientist in a study of Standford University, USA) on 26th January 2024

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	06
2.	Total number of journal publications by Department (International)	55
3.	Total number of publications in conference proceedings	NIL
4.	Total number of workshops/conferences/seminars/etc organized by Department	NIL
5.	Total number of PhD degree awarded by Department	04
6.	Total number of PG students	92
7.	Total number of UG students	NA
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	12
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	01
12	Total number of sponsored research project sanctioned	04
13	Total number of consultancy projects sanctioned	01
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	03
17	Total number of total number of students opted for higher studies	05

Department of Environmental Sciences

About the Department

The Department of Environmental Sciences was established in 1997 under the School of Earth & Environmental Sciences. It offers **M.Sc. and Ph.D. programmes** in Environmental Science with an interdisciplinary focus. The department has a strong emphasis on **teaching, research, and extension activities** in core areas such as **Climate Change, Environmental Biotechnology, Toxicology, Environmental Microbiology, Natural Resource Management, Water resources, Environmental Pollution monitoring and control and Environmental Impact Assessment (EIA)**. With a dedicated team of **6 Professors, 2 Associate Professors, and 2 Assistant Professors**, the department has produced significant research contributions, received prestigious projects from **DBT, DST, CSIR**, and has strong collaborations with national institutes like IITR, NBRI, and CIMAP.

Strengths of the Department

- **Academic Strength**: Well-structured M.Sc. and Ph.D. programs with a curriculum designed in consultation with academic and industry experts.
- **Research Ecosystem**:
  - Funded projects from national agencies (DST, DBT, SERB, CSIR).
  - Inclusion in **DST-FIST programme** with Rs. 50 lakhs support.
  - Strong publication record in reputed indexed journals.
- **Faculty Expertise**: Faculty with diverse specialization across **Environmental Microbiology, Climate Change, Toxicology, Bioremediation, EIA, Environmental Chemistry, Solid Waste Management, Air Pollution, etc.**
- **Infrastructure**: 05 well-equipped research laboratories, 01 M.Sc. lab, departmental library, smart classroom, and field station.
- **Innovation & Entrepreneurship**:
  - Recognized under **Institution's Innovation Council (IIC)** with 3.5-star rating.
  - Active **Centre for Innovation, Incubation and Entrepreneurship (CIIE)**.
- **Student Achievements**: More than 27 students qualified **NET/JRF**, regular participation in extension activities, field visits, and dissertation-based experiential learning.
- **Extension & Outreach**: Active role in **Unnat Bharat Abhiyan** (soil restoration, biofertilizers distribution, village outreach) and **Ek Bharat Shreshtha Bharat** cultural integration activities.
- **Collaborations & Linkages**: MoUs with reputed national institutes (IITR, NBRI, CIMAP).

Next Year Plan (2025-26)



- **Academic & Curriculum Development**
  - Introduction of add-on/skill-based certificate courses in **Climate Change Adaptation, Environmental Biotechnology, and Sustainable Development Goals (SDGs)**.
  - Strengthening industry-academia collaborations for curriculum enrichment.
- **Research & Innovation**
  - Submission of new research proposals under **DST, DBT, SERB, and MoE FCC**.
  - Establishment of an **Environmental Innovation Hub** for students and researchers.
  - Expansion of consultancy services in **water management, waste treatment, and environmental impact assessment**.
- **Student Support & Development**
  - Conducting **career counseling workshops** and **training sessions** for competitive exams (NET/JRF/UPSC).
  - Organizing **national-level conferences/seminars** and **entrepreneurship conclaves**.
  - Strengthening alumni networking for mentoring and placements.
- **Infrastructure & Facilities**
  - Expansion of laboratories with **advanced analytical instruments** (GC-MS, AAS, etc.).
  - Digitalization of the departmental library with **e-resources**.
  - Setting up an **Environmental Data Centre** for research and policy studies.
- **Community Outreach & Extension**
  - Enhancing **Unnat Bharat Abhiyan** initiatives (biofertilizer production, soil health management).
  - Adoption of nearby villages for **sustainable environmental practices**.
  - Organizing **awareness campaigns on climate change, pollution control, and biodiversity conservation**.

1. Curricular Aspects

1.1 Curriculum Design and Development



- M.Sc. and Ph.D. Environmental Science programs offered
- Curriculum designed with input from academia and industry experts to train manpower for environmental sectors

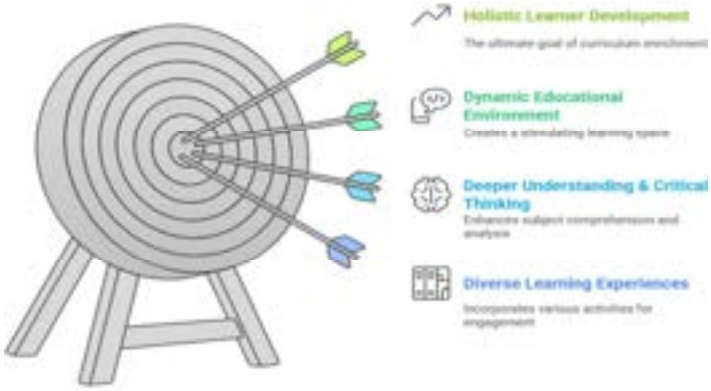
.

1.2 Academic Flexibility



- Interdisciplinary nature of the department, covering Environmental Microbiology, Biotechnology, Toxicology, EIA, Climate Change etc.

1.3 Curriculum Enrichment

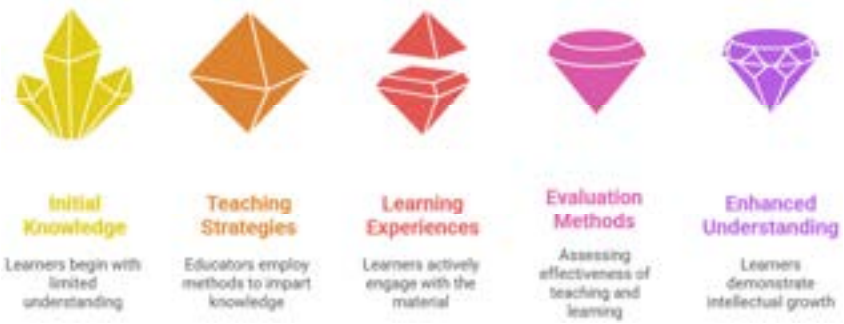


- Field visits (e.g., Biogas plant, Kannauj)
- Seminars, workshops, invited talks on cutting-edge topics like nanotechnology, air pollution, microbial biotechnology
- Celebration of Environment-related days (World Environment Day, Wetland Day, Ozone Day, etc.)

1.4 Feedback System

- No explicit system mentioned, but regular seminars and student interactions contribute indirectly.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 41 PG students, 15 research scholars

2.2 Catering to Student Diversity



- Dissertation work for PG students for hands-on real-world exposure

2.3 Teaching-Learning Process



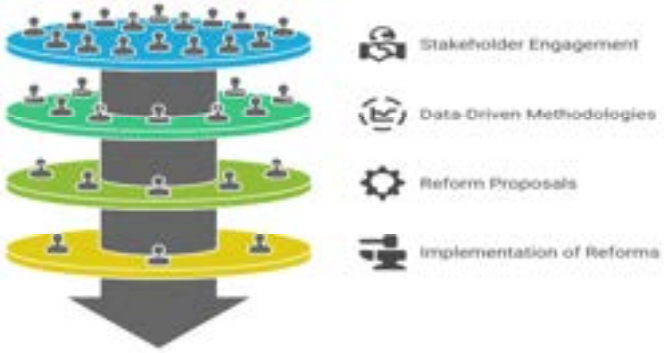
- Smart classroom and field station facilities
- Seminars, workshops, and guest lectures

2.4 Teacher Profile and Quality



- 6 Professors, 2 Associate Professors, 2 Assistant Professors with diverse specializations

2.5 Evaluation Process and Reforms



- Dissertation-based evaluation for PG students

2.6 Student Performance and Learning Outcomes



- More than 27 students qualified NET (UGC/ICAR/AICTE) in the last 5 years

2.7 Student Satisfaction Survey

- Not explicitly provided in the document.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- Funded projects (DBT, DST, CSIR, etc.)
- Inclusion in FIST Program with Rs. 50 Lakhs funding
- Research laboratories (05)

3.2 Resource Mobilization for Research



- Funded projects like "Biochar & Rhizobacteria," "Microplastics in Gomti River," etc.

3.3 Innovation Ecosystem

- Institution's Innovation Council (IIC) 3.5-star ranking
- Centre for Innovation, Incubation & Entrepreneurship (CIIE) activities

3.4 Research Publications and Awards



- Numerous faculty publications in reputed journals
- International and National awards (e.g., Ganga Samman, Editorial Excellence Award)

3.5 Consultancy

- Paid and free consultancy projects (e.g., Kukrail River rejuvenation, Chitrakoot district climate-risk adaptation, Argo, GIZ, Irrigation Dept, Govt of UP, Ground Water Department, Govt of UP, DCM, Sriram Foundation, Water AID, India)

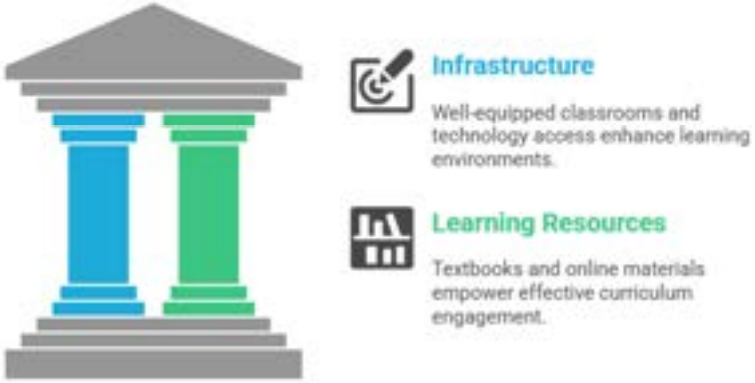
3.6 Extension Activities

- Unnat Bharat Abhiyan activities (biofertilizer distribution, soil restoration)
- Ek Bharat Shreshtha Bharat student participation

3.7 Collaboration

- MoU's with IITR, IITK, NBRI, CIMAP

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- 01 M.Sc. Laboratory, 05 Research Labs, 01 Smart Classroom, 01 Field Station

4.2 Library as a Learning Resource

- Departmental library available

4.3 IT Infrastructure

- Smart classroom with ICT-enabled teaching

4.4 Maintenance of Campus Infrastructure

- Improved infrastructure via FIST program

5. Student Support and Progression



5.1 Student Support

- Students engaged in dissertation, training, and research projects

5.2 Student Progression

- Students clearing NET/JRF, pursuing higher studies, Ph.D. awards

5.3 Student Participation and Activities

- Participation in debates, essays, cultural, and sports activities

5.4 Alumni Engagement

- Alumni mentioned as members of professional societies (but limited detail in document)

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision to train students to handle emerging environmental challenges

6.2 Strategy Development and Deployment

- Focus on interdisciplinary teaching and research

6.3 Faculty Empowerment Strategies

- Faculty involved in FDPs, invited talks, editorial boards, awards

6.4 Financial Management and Resource Mobilization

- Research funding from DBT, DST, SERB, etc.

6.5 Internal Quality Assurance System

- Involvement in IIC, CIIE, and research monitoring

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Community engagement under Unnat Bharat Abhiyan (farmer training, village school visits)

7.2 Best Practices

- Regular organization of Environmental Days (World Wetland, Ozone, etc.)
- Weekend seminars for student skill-building

7.3 Institutional Distinctiveness

- Strong focus on interdisciplinary research and consultancy in environmental issues

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. S.K. Dwivedi**
  Senior Professor
  Specialization: Microbiology, Ecology, Environmental Microbiology
  Qualification: M.Sc., Ph.D.

- **Prof. Naveen Kumar Arora**
  Professor
  Specialization: Environmental and Agricultural Microbial Technology
  Qualification: M.Sc., Ph.D.

- **Prof. Shikha**
  Professor& Head
  Specialization: Environmental Microbiology, Bioremediation
  Qualification: M.Sc., Ph.D.

- **Prof. Venkatesh Dutta**
  Professor
  Specialization: Environmental Management, EIA, Modeling, Water Resource Management
  Qualification: M.Sc., Ph.D.

- **Prof. Narendra Kumar**
  Professor
  Specialization: Environmental Pollution, Impact Assessment and bioremediation
  Qualification: M.Sc., Ph.D.

- **Dr. Nandkishor S. More**
  Associate Professor
  Specialization: Specialization Climate Change and Policy Studies
  Qualification: M.Sc., M.Phil. Ph.D.

- **Dr. Rajesh Singh**
  Associate Professor
  Specialization: Biological waste treatment with energy recovery, Pollution monitoring and Management, Bio electrochemical system
  Qualification: M.Sc., M.Tech., Ph.D.

- **Dr. Jiwan Singh**
  Assistant Professor
  Specialization: Solid waste management, water and waste water treatment, synthesis of nanomaterials and their applications, composting/ vermicomposting, phytoremediation
  Qualification: M.Sc. MTech., Ph.D.

- **Dr. Shailendra Kumar Yadav**
  Assistant Professor
  Specialization: Urban Air Pollution, Traffic Emission, Sustainable Transportation, Water and Wastewater Treatment, Environmental Impact
  Qualification: M.Sc., Ph.D.

8.2 Various Positions held in & out the Institution –

Prof. Naveen Kurma Arora

- President, Institution's Innovation Council (IIC), Babasaheb Bhimrao Ambedkar University, Lucknow.
- Chairman, Centre for Innovation, Incubation and Entrepreneurship (CIIE) BBAU, Lucknow.
- Nodal Officer, Unnat Bharat Abhiyan Program of MHRD.
- Nodal Officer, 'Ek Bharat Shrestha Bharat'
- Coordinator, Foundation Course Cell (MPDC) of BBA University, Lucknow.
- Chairman, SDGs Committee BBAU, Lucknow
- Chairman, "My Bharat Portal" and "Viksit Bharat Ahiyan BBAU, Lucknow
- Member DRC committee of Department of Environmental Science, BBAU, Lucknow
- Member BPGS committee of Department of Environmental Science, BBAU, Lucknow
- School Board Member of School of Earth & Environmental Sciences BBAU, Lucknow
- Editor in Chief, Environmental Sustainability published by Springer Nature (indexed in Web of Science and Scientific Citation Index (Impact Factor: 2.8).
- Editor Plant Pathology, Published by Wiley (Impact Factor 2.4)
- Series Editor, Microorganisms for Sustainability published by Springer Nature
- Fellow of International Society for Environmental Botanists, (ISEB), CSIR, NBRI
- Vice President, PHSS Foundation, Lucknow
- Life Member of Association of Microbiologists (AMI) of India.
- Life Member of Indian Science Congress Association, Kolkata, India.
- Life Member of Asian PGPR Society
- Life Member of Professor H.S. Srivastava Foundation for Science and Society
- Life Member of Clean and Green Environmental Society, Lucknow
- President, Society for Conservation of Wildlife, Lucknow
- Secretary, Society for Environmental Sustainability, Lucknow
- Life Member of The Indian Botanical Society, Rohilkhand University, Bareilly

- Life member of the Babasaheb Bhimrao Ambedkar University Alumni Association
- Subject Expert for Research Counseling Committee in Environmental Science Subject at Bundelkhand University, Jhansi.
- Member, Board of Studies (BOS) for the subject of Microbiology at Veer Bahadur Singh Purvanchal University, Jaunpur.
- Member, Board of Studies (BOS) of Department of Environmental Science, Central University of Jammu, Jammu.
- Member, Research Degree Committee, Department of Environmental Science, Amity University, Lucknow.

Prof. Shikha

- Head, Department of Environmental Science until 17th Feb 2025
- Member Board of Studies, Department of Environmental Science, Dr RML Awadh University, Ayodhya, until 31st March 2025
- Member Board of Studies, Dr RML Awadh University, Ayodhya, until 31st March 2025

Prof. Venkatesh Dutta

- State Jury Member – Uttar Pradesh, City Beauty Competition, Ministry of Housing and Urban Affairs, Govt. of India, New Delhi (2024)
- Member, River Restoration of smaller rivers and tributaries, Govt. of Uttar Pradesh (2022 onwards)
- Member, IQAC, Faculty of Architecture and Planning, Dr. A. P. J. Abdul Kalam Technical University, Lucknow (2024 onwards)
- Member, RDC, Integral University, Lucknow Member, Board of Studies – Liberal Education, Era University, Lucknow (2024 onwards)
- Member, Institution's Innovation Council (IIC), NIPER, Rae Bareli, 2023 onwards
- Head, DES, BBAU (Feb 2025 onwards)
- Chairperson, Research Program, Policy Development Committee, BBAU (2024 onwards)
- Member, Institution's Innovation Council (IIC), BBAU

Prof. Narendra Kumar

- Member, Technical Program Committee, Earth and Atmospheric Science, Anushandhan National Research Foundation (ANRF), New Delhi
- Member, Senate, National Institute of Pharmaceutical Education and Research (NIPER), Raebareli, Uttar Pradesh

Dr. Nandkishor S More

- Member of Academic Council, BBAU
- Member of BPGS, Department of Environmental Science, BBAU
- Member of BUGS, Department of Environmental Science, BBAU
- Member of DRC, Department of Environmental Science, BBAU
- Member of Eco Club, BBAU

Dr. Rajesh Singh

- Member of Purchase Committee, Department of Environmental Science, BBAU
- Wardan of Ashoka Hostel, BBAU
- NEP Coordinator, Department of Environmental Science, BBAU
- Member of Grievance Redressal Committee for Non-Teaching employees, BBAU

Dr. Jiwan Singh

- Assistant Director, Research and Development (R&D)

- Central Public Information Officer, CPIO (R & D)

Dr. Shailendra K. Yadav

- Member School Board, SEES, BBAU
- Member DRC, Department of Environmental Science, BBAU
- Member of Purchase committee, Department of Environmental Science, BBAU
- Department Coordinator of IQAC, Placement Cell
- Wardan of RCA, BBAU

8.3 Research Publications

8.3.1 Research Articles

Prof. S.K. Dwivedi

- Gupta N, Gupta V, Dwivedi SK, Upreti DK. Understanding physiological, elemental distribution and bioaccumulation responses of crustose and foliose lichens in the vicinity of coal-based thermal power plant, Raebareli, Uttar Pradesh, India. International Journal of Phytoremediation. Volume 27, no. 1, pp 57-73. Jan 2025

Prof. Naveen Kumar Arora

- Egamberdieva D, Eshboev F, Jabbarov Z, Botirova D, Nazarov K, Khamidov M, Arora NK, Bellingrath-Kimura SD. Challenges and prospects for grain legume production in Uzbekistan: a review. Environmental Sustainability. Volume 1, No. 1 March 2025.
- Thakur TK, Patel DK, Thakur A, Arora NK. Evaluation of land degradation vulnerability in coal mined areas of Madhya Pradesh, India using geospatial and AHP modeling: a 40-year assessment and eco-restoration of degraded landscape. Environmental Sustainability. Volume 1, No. 8, pp 85-101, Mar 2025.
- Mishra P, Mishra J, Bharti C, Arora NK. Salt-Tolerant *Pseudomonas taiwanensis* PWR-1 mediated organic acid production for biofortification of zinc and reducing fertilizer dependency in wheat under saline conditions. Journal of Plant Growth Regulation. Volume 44, pp 3348–3368, Jan 2025
- Arora NK, Mishra I. Life on land: progress, outcomes and future directions to achieve the targets of SDG 15. Environmental Sustainability. Volume 7, pages 369–375 No. 4 Dec 2024.
- Verma P, Bhattacharya A, Bharti C, Arora NK. Antifungal metabolites produced by *Pseudomonas hunanensis* SPT26 effective in biocontrol of fusarium wilt of *Lycopersicum esculentum* under saline conditions. World Journal of Microbiology and Biotechnology. Volume 40, No. 10, pp 305. Oct 2024.
- Arora NK, Fatima T. Environmental sustainability and biotechnology: opportunities and challenges. Environmental Sustainability. Volume 7 no 2-pp 115-9 Jun; 2024.
- Bharti C, Fatima T, Mishra P, Verma P, Bhattacharya A, Alaylar B, Arora NK. Salt-tolerant endophytic Bacillus altitudinis NKA32 with ACC deaminase activity modulates physiochemical mechanisms in rice for adaptation in saline ecosystem. Environmental Sustainability. Volume 7 no 2 pp 231-49, Jun 2024.
- Arora NK, Mishra J, Singh P, Fatima T. Salt-tolerant plant growth-promoting Pseudomonas atacamensis KSS-6 in combination with organic manure enhances rice yield, improves nutrient content and soil properties under salinity stress. Journal of Basic Microbiology. Volume 64 no. 6 pp 2300767, Jun 2024.

Prof. Shikha

- Vishwakarma D, Rawat S, Kannaujiya D, Shikha, Shukla B. Adsorption of malachite green onto sodium alginate/bentonite (SA/Bnt) nanocomposite: optimization and modeling via RSM-DSD and insight kinetics and mechanism of adsorption. Arabian Journal of Geosciences. Volume 17 no. 5 pp 152, May 2024.
- Awasthi S, Vishwakarma D, Kannaujia D, Gaur R, Shikha S. Isolation and characterization of drought tolerant rhizobacteria from drought-prone regions of central uttar pradesh, india and evaluation of its growth promotional activities in tomato plants. Biochemical & Cellular Archives. Volume 24 no 1, pp 3069, Oct 2024.
- Vishwakarma, D, Kannaujiya, D, Awasthi, S, Shikha Removal of Dye from Real Textile Wastewater using Sodium Alginate and Bentonite Composite, Journal of Nanotechnology Perceptions volume 20 no. 6, pp. 4272-4280, 2024.
- Awasthi S, Gaur R. Assessment of growth promotional activities in tomato (l. Esculentum) and chilli (capsicum annum) plants under drought through azotobacter stains isolated from drought prone areas. Biochemical & Cellular Archives volume 24, no. 2, Oct 2024.
- Deepa Kannaujiya, Devesh Vishwakarma, Shivangi, Awasthi, Shikha (2024) Utilizing indigenous *Trichoderma virens* dk04 from Sukinda chromite mine for effective Cr (VI) detoxification: a promising bioremediation strategy, Biochemical & Cellular Archives, 24(2) 2495-2505, Dr. P. R. Yadav, eISSN: 0976-1772 pISSN: 0972-5075 (DOI 10.51470/bca.2024.24.2.2495).
- Kannaujiya D, Vishwakarma D, Awasthi S. Utilizing indigenous trichoderma virens dk04 from sukinda chromite mine for effective cr (vi) detoxification: a promising bioremediation strategy. Biochemical & Cellular Archives. Volume 24, no. 2, Oct 2024.

Prof. Venkatesh Dutta

- Dubey D, Toppo K, Kumar S, Dutta V. Intensive aquaculture affects lake's trophic status and aquatic floral diversity. Environmental Science: Advances. Volume 3, no. 11, pp. 1628-42, 2024.
- Dubey D, Kumar S, Dutta V. A circular economy approach for sustainable water reuses in India: policies, practices and future prospects. Environmental Sustainability. Volume 7 no. 3, pp 303-23, Sep 2024.

Prof. Narendra Kumar

- Gupta, D., Sushil Kumar, B., Bojjagani, S., Anita, Shukla, V., & Kumar, N. (2024). Tolerance and performance assessment of common subtropical vegetation growing along a highway for bio-monitoring and abatement of air pollution. Air Quality, Atmosphere & Health, 1-17. https://doi.org/10.1007/s11869-024-01659-3 (IF-3.4)
- Singh, R. P., Shukla, V., Soni, D. K., Yadav, A. K., & Kumar, N. (2024). Provenance of minerals in the Assi river sediments, Varanasi, Uttar Pradesh, India. Journal of The Indian Association of Sedimentologists (peer reviewed), 41(II), 5-12. DOI: https://doi.org/10.51710/jias.v41iII.348
- Kumar, M., Anita, M. K., Yadav, A. K., Raw, K. P., Bojjagani, S., & Kumar, N. (2024). Heavy Metal Contamination in the Kali River: Irrigation Unsuitability and its Adverse Effects on Human Health. Environment and Ecology, 42(4B), DOI: https://doi.org/10.60151/envec/ITZH4467
- Raw, K. P., Kulsoom, M., Anita, A. K., Yadav, M. K., Kumar, D., Mishra, S., & Kumar, N. (2024). Toxicity Assessment of Tannery Sludge Extract During Early Seedling Growth in Brassica nigra, Vigna radiata, Vigna mungo, Raphanus sativus and Capsicum frutescens. Environment and Ecology, 42(4), 1495-1503. DOI: https://doi.org/10.60151/envec/SIZG5023

- Yadav, J. K., Singh, P., Kidwai, A., Singh, S., Kumar, N., Kar, R., & Singh, M. (2024). Light Rare Earth Elements in Freshly Deposited River Sediments of Ganga Alluvial Plain, Northern India: Geogenic Variability and Anthropogenic Influences. Soil and Sediment Contamination: An International Journal, 1-26. https://doi.org/10.1080/15320383.2024.2384920
- Yadav, A. K., & Kumar, N. (2024). Geospatial distribution and health assessment of a perennial river with special reference to heavy metals. International Journal of Energy and Water Resources, 1-17. https://doi.org/10.1007/s42108-024-00302-2
- Bhan, C., Kumar, N., & Elangovan, V. (2024). Microplastics pollution in the rivers, its source, and impact on aquatic life: a review. International Journal of Environmental Science and Technology, 1- 16. https://doi.org/10.1007/s13762-024-05846-8
- Aneet Kumar Yadav, Anita, Mahiya Kulsoom, Monu Kumar, Kamla Pat Raw, Narendra Kumar (2024). Health risk assessment due to heavy metal contamination in groundwater of Basuhi River Basin, Jaunpur, India. Environmental Sustainability (2024). https://doi.org/10.1007/s42398-024- 00318-8 (IF-3.0)
- Chandra Bhan, Anita Narendra Kumar (2024). Sources, impacts and distribution of microplastics in different environmental matrices: a review. Environmental Sustainability (2024). https://doi.org/10.1007/s42398-024-00315-x (IF – 3.0)
- Kulsoom, M., & Kumar, N. (2024). Application of Modified Mine Waste for The Sustainable Management of Fluoride in Drinking Water. Journal of Advanced Zoology, 45(2).
- Swain A A, Sharma P, Keswani C, Minkina T, Tukkaraja P, Gadhamshetty V, Kumar S, Bauddh K, Kumar N, Shukla SK, Kumar M. The efficient applications of native flora for Phyto restoration of mine tailings: a pan-global survey. Environmental Science and Pollution Research. 2024 Apr 10:1-26.(IF-5.8)
- Anita, Mahiya Kulsoom, Aneet Kumar Yadav, Monu Kumar, Kamla Pat Raw, Narendra Kumar (2024). Accumulation and translocation of heavy metal in Hibiscus cannabinus grown in tannery sludge amended soil. Nature Environment and Pollution Technology.
- Mahiya Kulsoom, Anita, Aneet Kumar Yadav, Monu Kumar, Kamla Pat Raw, Narendra Kumar (2024) Application of chemically modified coal mine waste for the sustainable management of fluoride in drinking water. Journal of Water Chemistry and Technology. (IF-0.6)
- Pooja Tiwari, Narendra Kumar and Biswajeet Thakur (2024). Climate change and its impact in wetland dynamics of southwest coast of India.
- Sanjeet, K., Mishra, S., Kumar, N., Parveen, Z., & Singh, R. (2025). Nutritional awareness, dietary practices, and coping behaviours among incarcerated males in prisons of Uttar Pradesh, India. Discover Social Science and Health, 5(1), 165. https://doi.org/10.1007/s44155-025-00333-y
- P. K. Gautam, B. Vishwakarma, D. Kumar, A. K. Singh, N. Kumar (2025). Geomorphic Evidences of Neotectonic Activity in the Lower Chambal River Basin (Central India): Using Geospatial Technology. Vol. 59, Suppl. 1, pp. S54- S70, 0016-8521 Geotectonics. https://doi.org/10.1134/S0016852125700360
- Monu Kumar, Anita, Mahiya Kulsoom, Aneet Kumar Yadav, Kamla Pat Raw, Sreekanth Bojjagani, Narendra Kumar (2025). “Water Quality and Health Risk Assessment of Surface Water, Groundwater, and Sediments along Kali River”. INTERNATIONAL JOURNAL OF PLANT AND ENVIRONMENT.
- Pandey, D., Kumar, S., Kumar, D., Shukla, V., Anis, Raw, K. P., Kumar, N. (2025). Hydro-geo-chemistry, phytodiversity and microbial population in the inland water bodies of the subtropical city. Environment and Ecology. https://doi.org/10.60151/envec/LELI4561

- Jaiswal, P. K., Singh, R., Kumar, S., Sharma, D., Mukherjee, A., Kumar, N., & Kumar, R. (2025). Assessment of microplastic pollution load in road dust and associated health risk in a semi-arid region of Rajasthan, India. Environmental Sustainability, 1-22. https://doi.org/10.1007/s42398-025-00370-y (IF-2.8)
- Mishra, S., Parveen, Z., Kumar, N., Babulal, K. S., & Singh, R. (2025). Phytochemical Profiling and Morphological Characterization of Hibiscus rosa-sinensis and Clitoria ternatea Flower Petal Extracts. Biomedical and Pharmacology Journal, 18(2), 1372-1380.
- Gautam, P.K., Kumar, N. (2025). Geo-hydrological analysis and watershed delineation of the Sarayan River, Ganga Plain, India: integrating geospatial data for water resource management. Arab J Geosci 18, 111 (2025). https://doi.org/10.1007/s12517-025-12255-9 (IF-1.8)

Dr. N.K.S. More

- Gautam RK, Vithanage N, More N, Muthukumaran S, Navaratna D. Biomethane recovery performance and microbial community dynamics of a high-biomass submerged AnMBR (HBSAnMBR) treating abattoir wastewater. Biochemical Engineering Journal. Volume 1, no. 205, pp. 109275, May 2024**.**

Dr. Rajesh Singh

- Renju, Singh R., Re-routing lignocellulosic biomass for the generation of bioenergy and other commodity fractionation in a (Bio) electrochemical system to treat sewage wastewater. Industrial Crops and Products. Volume 15, no. 222, pp 119664, Dec 2024.
  Renju, Singh R. (Bio) electrochemical system: A systematic approach from agricultural waste to sewage wastewater treatment with nutrients and hydrogen recovery. Journal of Cleaner Production. Volume 10, No. 457, pp 142387, Jun 2024.

Dr. Jiwan Singh

- Rawat S, Singh KR, Singh J. Synthesis of iron nanoparticles using iron recovered from rust: An application for the catalytic degradation of phenols. Environmental Science and Pollution Research. pp, 1-5, 2025 Feb 25
- Singh, S., Singh, J., 2024. Waste Material utilized Triboelectric effect induced Self-healable and Self-powered sensing of Hazardous Fluoride Ions in drinking water and its Removal with Novel Adsorbent. Materials Today Communications volume 41, pp. 111061, 2024
- Kant M, Yadav A, Rawat S, Singh J, Sen M. Optimization by the full factorial method for the removal of Cr (VI) using maize cob husk. Reaction Kinetics, Mechanisms and Catalysis. Volume 137, No. 4, pp. 2269-88, Aug 2024.

8.3.2 Books / Edited Books

Prof. Naveen Kumar Arora

- Book titled “Microbial Biotechnology for Sustainable Agriculture” Microorganisms for Sustainability, by Brahim Bouizagarne, Arora NK, Volume 2, published by Springer. ISBN 978-981-97-2354-6. 2024.
- Book titled “Development in Applied Microbiology and Biotechnology” Bioactive Microbial Metabolites Scope and Challenges, by Mishra V, Mishra J, and Arora NK published by Elsevier ISBN: 978-0-443-18568-7. DOI: 10.1016/C2022-0-00301-9,
- Book titled “Applications of Bacillus and Bacillus Derived Genera in Agriculture, Biotechnology and Beyond” in series Microorganisms for Sustainability 51 by V Mageshwaran, Singh U.B., Saxena A.K., Singh H.B, Arora NK Springer. With ISBN 978-981-99-8197-7. 2025. DOI: https://doi.org/10.1007/978-981-99-8195-3. 2025.

- Book titled "Microbial Biocontrol: Molecular Perspective in Plant Disease Management" in series, Microorganisms for Sustainability 49, by Bastas K.K, Kumar A, Kumar S.U, Arora NK Editor published by Springer with ISBN 978-981-99-3949-7, DOI: https://doi.org/10.1007/978-981-99-3947-3 in 2023
- Book titled "Anaerobes and Waste Conversion Technologies, in series Microorganisms for Sustainability 44, by Chelliapan S, Krishnan S, Zambare V, Arora NK, by Springer. with ISBN 978-981-97-4158-8, DOI: https://doi.org/10.1007/978-981-97-4159-5 in 2024

Prof. Ventash Dutta

- Book titled "Sustainability: Science, Policy, and Practice in India. Sustainable Development Goals Series, by Dutta, V., Ghosh, P. by Springer, Cham., with ISBN: 978-3-031-50131-9, DOI: https://doi.org/10.1007/978-3-031-50132-6 in 2024

Dr. Jiwan Singh

- Book titled "Organic Solid Waste management: Rotary Drum Composting by Jain M.S., Singh, J., Kalamdhad, A.S., Publisher-Capital and Springer Nature, ISBN: 978-3-031-81366-5 DOI: https://doi.org/10.1007/978-3-031-81366-5; Published: 18 April 2025

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Naveen Kumar Arora

- Book Chapter titled "Diazotrophs for Enhancement of Productivity of Major Cereal Crops Under Abiotic Stresses in Microbial Biotechnology for Sustainable Agriculture" by Verma P, Bhattacharya A, Bharti C, Arora NK. In the book titled "Microbial Biotechnology for Sustainable Agriculture" published by Springer Nature with ISBN: 978981972355536, DOI: 10.1007/978-981-97-2355-36. in 2024 (Page No. 131-158)
- Book chapter titled "Microbe-Based Bio stimulants: Latest Developments and Future Perspectives in Microbial Biotechnology for Sustainable Agriculture" by Bhattacharya A, Mishra P, Mishra I, Arora P, Arora NK. In the book titled "Microbial Biotechnology for Sustainable Agriculture" published by Springer Nature, with ISBN: 978981972355536, DOI: 10.1007/978-981-97-2355-36. in 2024 (Page No. 29–54)

Prof. Shikha

- Book chapter titled "Phytoremediation of Contaminated Water, Its Mechanisms, and Advancements by Devesh Vishwakarma, Deepa Kannaujiya, Shivangi Awasthi and Shikha in the book titled " Phytoremediation" published in Springer Nature with ISBN: 978-3-031-60760-8 DOI: 10.1007/978-3-031-60761-5_2 in 2024 (Page No. 37-56)

Prof. Venkatesh Dutta

- Book chapter titled "Understand Urban Floods, State of India's Environment 2025, by Dutta, V published by Centre for Science and Environment, New Delhi, ISBN: 978-81-984866-0-8 in 2025 (page no. p. 338 – 345)
- Book chapter titled "Water Sanctuaries, State of India's Environment 2024," by Dutta, V published by Centre for Science and Environment, New Delhi, ISBN: 978-81-946639-4-2 in 2024 (page no. 321 – 323)

Prof. Narendra Kumar

- Book chapter titled "Pooja Tiwari, Narendra Kumar and Biswajeet Thakur (2024). Climate change and its impact in wetland dynamics of southwest coast of India.

Dr. N.K.S. More

- Book chapter titled "A Continuous System of Biofuel Production from Microalgal Biomass" by Christina Saran, Anuradha Devi, Ganesh Dattatraya Saratale Bharti, Louz Fernanado R Ferreira, Nandkishor More and Ram Naresh Bharagava, in the book titled "Recent Trends and Developments in Algal Biofuels and Biorefinery" published in Springer Nature with ISBN: 978-3-031-52318-2 DOI: https://doi.org/10.1007/978-3-031-52319-9_4 in 2024 (page no 77-106).
- Book chapter titled "Simultaneous Extraction, Separation and Charactrization of Biomolecules from Algal Biomass" by Anuradha Devi, Christina Saran, Meenakshi Verma Ganesh Dattatraya Saratale Bharti, Louz Fernanado R Ferreira, Nandkishor More and Ram Naresh Bharagava, in the book titled "Recent Trends and Developments in Algal Biofuels and Biorefinery" published in Springer Nature with ISBN: 978-3-031-52318-2 DOI: https://doi.org/10.1007/978-3-031-52319-9_4 in 2024 (page no 147-170).

Dr. Rajesh Singh

- Book chapter titled "Production of Green Hydrogen through Photocatalysis by Kumar, Manoj, Singh, Neeraj Kumar, Kumar, Ruplappara Sharath, Singh, Rajesh in the book titled "ACS Symposium Series Volume 1468" published in American Chemical Society, with ISBN: ISBN: 9780841296701 DOI: DOI: 10.1021/bk-2024-1468.ch001 in 2024 (page no. 1 – 24).

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Naveen Kumar Arora

- ICSSR Sponsored International Conference & Workshop on 4th National Conference on "Mental Health & Wellbeing of Youth towards Realization of the Dream of Viksit Bharat", organized by Department of Human Development & Family Studies, School of Home Sciences, BBAU, Lucknow, February 13-14, 2025.
- Invited lecture on "Strengthening Prevention through Enhanced Peer Led Approach under NACP" at 18-20 March 2025 at Lucknow, Uttar Pradesh.
- Invited lecture on "What editors looking from the researcher in the workshop on "Research Proposal Writing, Large-scale Data analysis, and Academic paper publishing" at Department of Economics, BBAU, Lucknow to be held on 23/12/2024 to 27//12/2024.
- Attended & participated in one day workshop on Research Publishing in Current Times: Life Science Program in collaboration with Springer Nature at ASSS Hall, BBAU, Lucknow held on 2/8/2024.
- Keynote Speaker at the "7TH International Conference on Advances in Natural and Applied Sciences (ICANAS 2024)" held between April 17-20 2024, in Antalya, Turkey.
- Keynote Speaker & session chairperson at International Conference on Ecology, Environment and Sustainable Development (ICOEESD24) held on November 12-15 2024, in National Research University, TIIAME, Tashkent, Uzbekistan.

Prof. Shikha

- Participated and Chaired a Technical Session in the "National Conference on Green and sustainable approaches in Chemical Sciences organized by the Department of Chemistry", Babasaheb Bhimrao Ambedkar University, Lucknow-226025, UP, supported by SERB, New Delhi, during 24-25th March 2025.

Prof. Venkatesh Dutta

- Invited Speaker, *"Using Nature-based Solutions to Manage Water Bodies and Wetlands to*

Enhance Aquatic Ecosystems", Indian Institute of Science (IISc), Bangalore, International Conference on Nature-based Solutions for Water Circularity & Sustainability, 26 – 28 February, 2025

- Keynote Speaker, "People's Varuna: Culturally Connecting with the River", IIT-BHU, Varanasi, January 31, 2025
- Invited Speaker, "*Water-Sensitive Cities: The Urban Water Crisis and Policy Responses*", 5th India Public Policy Network Conference, IIT Bombay, December 7, 2024
- Invited Speaker, Role of Wetlands in Sustainable Ecosystems, November 29, 2024, Vihang Utsav, Organised by Lucknow Development Authority, LDA, Lucknow
- Invited Speaker, *'River Rights and Responsibilities'*, Wednesdays-for-Water, Nov 27th, 2024
- Invited Speaker, *"Rivers, Riverfronts and 'Urban Rivers': Rethinking River Continuum"*, 25th October 2024, TREADS Talks, Centre for Policy Research, New Delhi
- Panelist, *Wetlands for Life*, Media Round Table - Bridging the Gap Between Media and Civil Society organized by CMS, GIZ and Department of Forest, UP, Lucknow, 13 September 2024
- Invited Speaker, *"Science and Art of River Rejuvenation through Forestry,*" Indian Institute of Forest Management (IIFM), Bhopal, August 28, 2024
- Invited Speaker, "*Challenges and solutions related to encroachment of floodplains*", Webinar on Protecting Floodplains, Centre for Science and Environment, New Delhi, April 25, 2024
- Resource Person, "*Importance of Indexing, Impact Factor, Citation and Referencing*", Short-term Course on 'Research Methodology and Publication Ethics', Integral University, April 24, 2024
- Invited Speaker, "Talk Show", Bhoomi Fest-2024, 23rd April 2024, Dr. Ram Manohar Lohiya National Law University, Lucknow
- Panelist, Panel Discussion on *Jal, Zameen, Jungle - A Sustainable use for Future Generation*, Earth Day, School of Basic Sciences, BBDU, Lucknow, 22nd April 2024
  Invited Lecture, "*Restoring Rivers in the Ganga Basin: Art and Science*" 19th April 2024, VIT-AP University, Andhra Pradesh
- Invited Lecture, "*Environmental assessment of landfill sites in Lucknow*", CSIR-IITR, Lucknow, April 4, 2024.
- Attended/participated in conferences/ seminar/workshop outside country: Water and Climate Global Conference 2024, 25 – 29 September 2024, Milwaukee, Wisconsin, USA

Dr. N.K.S. More

- Participated in one week Workshop on Earth Observation Technology in Flood Risk Assessment and with special reference to Bihar sponsored under ISRO disaster Management Support Capacity Building Program organized by the Department of Geology, Central University of South Bihar, Gaya during July 26th -31st 2024.
- Received Outstanding Educator Award under PAAI-Maharishi Dayanand Saraswati Excellence Award-2024 in collaboration with Future University, Bareilly, UP. 5th Dec 2024.
- Delivered a talk on All India Radio on 5th June 2024 Topic: Impact of Changing Environment on Life.
- Delivered a talk on All India Radio on 20th Sept 2024 Topic: Rising Pressure of growing population on Water Resources
- Delivered a talk on All India Radio on 5th Nov 2024 Topic: Impending danger of Environmental Pollution on Oceans.

- Delivered a talk on All India Radio on 17th Feb 2025 Topic: National Policy of Domestic Waste Management
- Delivered invited lecture in the Scientific Social Responsibility Programme held on January 31st 2025 under DST-SERB funded project in the Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University, Lucknow-226-25
- Delivered lecture in the DACE workshop on Communication & Personality Development on 15th Feb 2025.
- Delivered Keynote Address on UNSDG's Framework: Interdisciplinary Challenges in the National conference on 'Role of Social Sciences in Contemporary Society' Organized by KBC North Maharashtra University, Jalgaon M. S. on 1st March 2025.

Dr. Jiwan Singh

- Attended one day workshop on Intellectual Property Rights Awareness 2025 (Funded by UPCST) organized by the IPR Legal and Ethical Related Committee (R&D Cell), BBAU, Lucknow held on 6th Feb. 2025.

Dr. Shailendra Kumar Yadav

- Attended the one-week training program on "Role of Geospatial Techniques (Remote Sensing GIS and GPS) in Natural Resource Management organized by Remote Sensing Application Centre, Uttar Pradesh, Lucknow, June 10th – 12th, 2024.
- Attended the Two days training program on "Government E-Market Place (GeM) and E-Procurement" at BBAU, Lucknow, held from February 03rd to 04th, 2025.
- Presented the Poster presentation (Sponsored) in "Ultrafine Aerosol Processes and Numerical Modelling of Urban Climate – Extremes" organised by Indian Institute of Technology, Madras, Finnish Meteorological Institute and the Cyprus Institute at IIT Madras, during February 24th – 26th 2025

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Rana Pratap Singh (Retired)

- Pawan Kumar, Formulation of microbial inoculants and its impact on uptake & assimilation of nitrogen in wheat (Triticum aestivum L.) corresponding to communicational changes in consumers.
- Sneh Lata, Assessment of enhanced soil and crop biodiversity on economic and ecological benefits of sustainable agriculture
- Pradeep Kumar, Heavy Metal Contamination of Agroecosystem and Role of Plant Growth Promoting Microbe (PGPMs) in Bioremediation of Heavy Metals and Organophosphate Pesticide" (Ph.D. Submitted).

Prof. S.K. Dwivedi

- Priyanka, Removal of Heavy Metals by Selected Multi-metal Tolerant Fungi Isolated from Tannery Wastewater
- Ashvani Kumar Chaudhari, Green synthesis of nanoparticles from plants: Its application in plant pathogen management (Ph.D. submitted)

Prof. Naveen Kr. Arora

- Priyanka Verma, Evaluation of salt tolerant fluorescent pseudomonads for antibiotics production involved in biocontrol of Fusarium oxysporum f.sp. lycopersici causing wilt in Solanum Lycopersicon L. (Ph.D. Submitted)

- Chanda Bharti, Evaluation of salt-tolerant endophytic diazotrophs with ACC deaminase activity for enhancing the yield of Oryza sativa L. under saline conditions (Ph.D. Submitted)
- Pallavi Sagar, Ph.D. Course Work
- Narendra Paraste, Ph.D. Course Work
- Kumar Abhishek, Ph.D. Course Work

Prof. Shikha

- Devesh Vishwakarma, Synthesis of Biopolymer-based Adsorbents and their Application for the Removal of Dyes from Textile Wastewater (Ph.D. submitted)
- Deepa Kannaujiya, Bioremediation of Cr (VI) contaminated water by integrating biochar and metal tolerant fungi isolated from chromite mines (Ph.D. submitted)
- Gaurav Singh Rautela, Ph.D. Course Work

Prof. Venkatesh Dutta

- Bhanu Pratap, Assessment of Wastewater Irrigation and its Impact on Plant Growth Parameters of Selected Vegetables and Cereal Crops
- Ananya Joshi, Ph.D. Course Work

Prof. Narendra Kumar

- Monu Kumar, Distribution of heavy metals and organic contaminants in the water and sediments of Kali River and their effects on aquatic life and human health
- Kamlapat Raw, Application of biofuel crops for restoration of soil contaminated with industrial waste
- Saloni Tripathi, Ph.D. Course Work
- Shivangi Sharma, Ph.D. Course Work

Dr. N.K.S. More

- Pravin Kumar, Ph.D. Course Work

Dr. Rajesh Singh

- Salehan Khatoon, Ph.D. Course Work

Dr. Jiwan Singh

- Pooja Adwani, Removal of antibiotics from aqueous solution using biomass - based selected materials
- Ms. Roshni Bajaj, Development of Composting Techniques for Treatment of Aquatic Weeds
- Nikita Kanaujia, Significance of Pretreatment of Lignocellulosic Biomass for Biogas Production (Ph.D. submitted)

8.3.5.2 Ph.D. Awarded

Prof. R.P. Singh

- Dipti, Studies on Contamination of Heavy metals on Microbial Community Structure of Agroecosystem in the Vicinity of Lucknow (India) and Associated Environmental Hazards.
- Sonam Gupta, Harnessing potential of Plant Growth Promoting Microbes (PGPMs) for zinc and iron fortification in Potato (Solanum tuberosum L.) and Lettuce (Lactuca sativa L.) for sustainable agriculture.

Prof. S.K. Dvivedi

- Suresh Kumar, Assessment and chemical characterization of atmospheric particulate matter in Lucknow city, Uttar Pradesh, India
- Ajay Raj Tripathi, Management of Macrophomina phaseolina causing charcoal rot disease in soybean crop

Prof. Naveen Kr. Arora

- Priya Mishra, Salt-tolerant fluorescent Pseudomonads for the biofortification of wheat under saline condition
- Ankita Bhattacharya , Diversity of bacterial endophytes from Brassica juncea L. and their plant growth promoting attributes under saline conditions.

Prof. Venkatesh Dutta

- Divya Dubey, Trophic States of Freshwater Lakes and their Relationship with Algae and Macrophytes.
- Kashifa Iqbal, Variable flow regimes and their role in diversity of habitats and fish community structure in a tropical river

Prof. Narendra Kumar

- Mahiya Kulsoom, Fluoride removal from groundwater by adsorption technology.
- Anita, Phytoremediation potential, plant yield and bio-oil productivity of Hibiscus cannabinus grown in sludge amended soil.
- Aneet Kumar Yadav, Eco-chemical Health Assessment of River Basuhi and Groundwater Quality Evaluation in its Basin, Jaunpur, Uttar Pradesh.

Dr. Jiwan Singh

- Chandra Bhan, Evaluation of salt-tolerant endophytic diazotrophs with ACC deaminase activity for enhancing the yield of Oryza sativa L. under saline conditions

8.3.6 Projects/Consultancy/and any other

Prof. Naveen Kumar Arora

- Novel biochar and rhizobacteria based bioinoculant for sustainable production of healthy food from stressed agro ecosystems, DST, New Delhi, 2021-2024, 13.48 lakhs
- Development of a resilient microbial product to enhance rice yield in saline soil, DBT, BIRAC, 2022-24, 26.24 lakhs

Prof. Venkatesh Dutta

- PI, Restoration Plan of Lower Order Streams and Tributaries in the Upper Gomti River Basin through Nature- Based Solutions (NbS), Namami Gange, Ministry of Jal Shakti, Govt. of India (Major Project)
- Co-PI, DST STI HUB Project Science, technology and innovation hub in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh), Department of Science & Technology (DST), Govt. of India (Major Project)

Prof. Narendra Kumar

- Environmental Dynamism of Microplastics in River Gomti (Draining Ganga Alluvial Plane): An integrated approach to identify source, fate, effects and control strategies" ongoing with total fund of Rs. 33,93,764/- Lakhs funded by SERB, New Delhi.
- "Development of 3-E defluorination assembly for sustainable removal of fluoride from drinking water", completed with total fund of Rs. 33,64,240/- funded by SERB, New Delhi

Prof. Venkatesh Dutta

- **Paid consultancy with amount received:** Climate-risk informed adaptation measures in water sector for Chitrakoot district, Uttar Pradesh, GIZ India (5,60,000/-)

Free consultancy with details of client

- Feasibility study of Rejuvenation of Kukrail River, Department of Irrigation, Govt. of Uttar Pradesh
- Floodplain Zoning of Smaller Rivers of Uttar Pradesh, Department of Irrigation, Govt. of Uttar Pradesh
- Sewage Treatment, Pollution Control and Rejuvenation of Kukrail River, UP Jal Nigam, Govt. of Uttar Pradesh

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Venkatesh Dutta

- Ganga Samman 2025, State Mission for Clean Ganga (SMCG), Govt. of Uttar Pradesh

Prof. Narendra Kumar

- Recognition award for publishing research paper in High Impact Journal by B.B.A.U. Lucknow

Dr. Shailendra Kumar Yadav

- Young Scientist Award 2024 in field of Environmental Science by Prakriti Mitra Society for Science & Technology, Lucknow.

Prof. Naveen Kumar Arora

- Awarded "Excellence Award" for exemplary contribution in the area of Environmental Sustainability ICOEESD24, 12-15 November 2024, Tashkent, Uzbekistan.
- Awarded by Springer Nature "Editorial Excellence "Editorialhis outstanding contributions to the journal "Environmental Sustainability" as a Founder EiC. Presented at International Conference on Ecology, Environment and Sustainability ICOEESD24, 12-15 November 2024, Tashkent, Uzbekistan.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	
2.	Total number of journal publications by Department (International)	28
3.	Total number of publications in conference proceedings	09
4.	Total number of workshops/conferences/seminars/etc organized by Department	07
5.	Total number of PhD degree awarded by Department	12
6.	Total number of PG students	43
7.	Total number of UG students	NA
8.	Total number of diploma/certificates students (if any)	NA
9.	Total number of students placed	09
10	Total number of Award and Medals	05
11	Total number of Patents/copyright filed/granted	02

12	Total number of sponsored research project sanctioned	06
13	Total number of consultancy projects sanctioned	04
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	01
17	Total number of total number of students opted for higher studies	01

SCHOOL OF EDUCATION

The School of Education has established to address the felt need of the country in the 21st Century in relation to empowerment of teachers in the context of current trend of skills shortage and unemployment. While efforts are under the way to implement programmes ranging from P.G. Diploma, Bachelor, Master and Ph.D. in the discipline of education from all stages (nursery, elementary, secondary, senior secondary, college and university including technical and vocational). As per the guidelines of the University Grants Commission, six centres are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of
Education. Again, the primary reference point for designing and delivering the programmes are at par with the needs and demands of the industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula (CPDTETEC) has already started M.A. Education Programme under Innovative Course.

DEPARTMENT OF EDUCATION

About the Department

The Department of Education, established under the School of Education, is dedicated to preparing dynamic, techno-savvy, future-oriented individuals rooted in Indian philosophy and culture. It offers UG, PG, and Ph.D. programmes, redesigned as per NEP 2020, with emphasis on innovative pedagogy, experiential learning, and research.

Strength

- Experienced and research-oriented faculty.
- Curriculum aligned with NEP 2020.
- Strong research output and funded projects.
- Facilities including ICT-enabled classrooms and departmental labs.
- Active student participation in academics, research, and community programs.

Next Year Plan (2025-26)



- Introduction of new Certificate/Diploma/PG Diploma programmes.
- Strengthening research collaboration at national and international levels.
- Expansion of consultancy and policy-related projects.
- Establishment of Centre of Excellence in School Education.

- Enhancing student support, placements, and alumni engagement.

1. Curriculum Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



Curriculum redesigned and restructured as per **NEP 2020** with emphasis on the **Indian Knowledge System**.

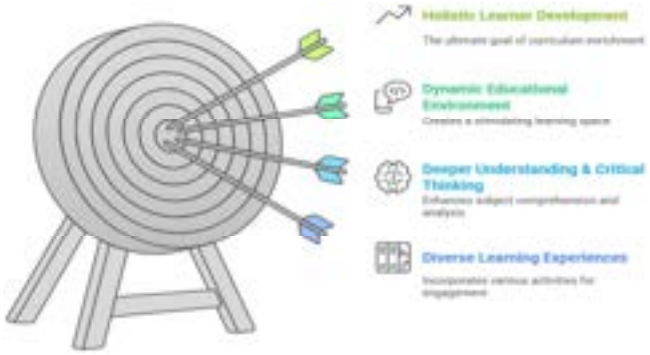
- Programmes offered: B.Ed., M.A. (Education), M.Ed., Ph.D. (Education).
- Focus on experiential learning, participatory pedagogy, blended learning, and community engagement.

1.2 Academic Flexibility



- Curriculum designed with flexibility for multidisciplinary learning.
- CBCS system and electives incorporated.

1.3 Curriculum Enrichment



- Integration of ICT, Value Education, Environmental Education, and Indigenous Knowledge.
- Guest lectures, special lectures (e.g., by Prof. K.M. Bhandarkar, Chairman, CTE).

1.4 Feedback System

- Regular feedback collected from students and faculty for curriculum improvement.
- Incorporated into curriculum redesign under NEP 2020.

2. Teaching-Learning and Evaluation

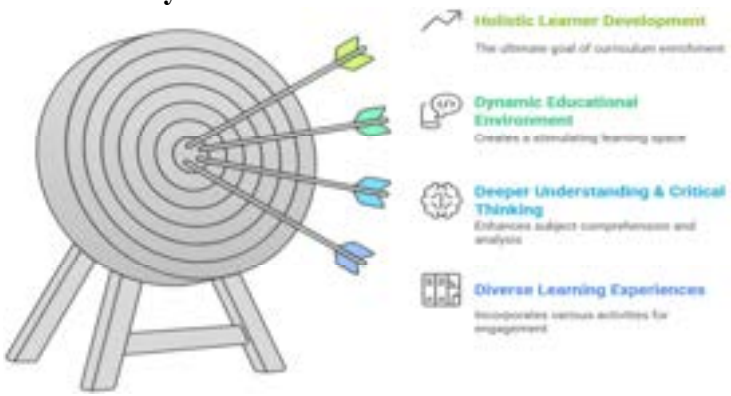


2.1 Student Enrolment and Profile



- UG Students: 227
- PG Students: 66
- Ph.D. Students: 20+ (Supervised under faculty).

2.2 Catering to Student Diversity



- Inclusive approach with emphasis on diversity (tribal education, gender studies, etc.).
- Research on SC/ST, minority, and disadvantaged groups.

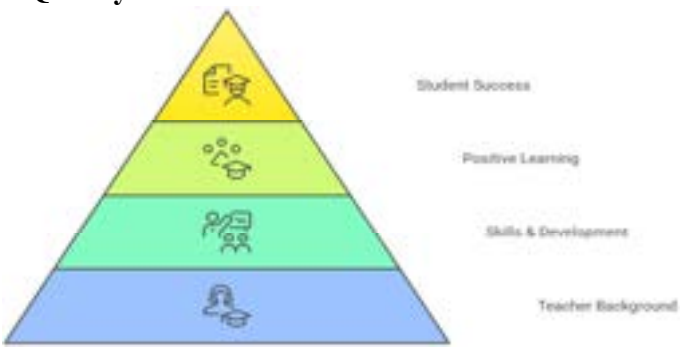
2.3 Teaching-Learning Process



- Innovative pedagogy including ICT-enabled learning, experiential learning, and action research.

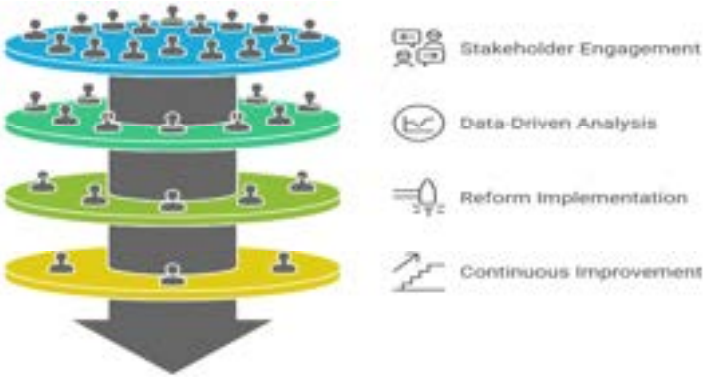
- Active student participation in departmental activities.

2.4 Teacher Profile and Quality



- Faculty strength: 11 (Professors, Associate Professors, Assistant Professors).
- Faculty specializations cover Teacher Education, ICT, Philosophy, Psychology, Inclusive Education, Curriculum Development, Tribal Education, and Research Methodology.
- All faculty are Ph.D. qualified with research and publications.

2.5 Evaluation Process and Reforms



- Internal and external evaluation with continuous assessment.
- Adoption of NEP 2020 reforms in assessment.

2.6 Student Performance and Learning Outcomes



- 93 B.Ed. and 20 M.A. students graduated.
- NET qualified: 05 students.
- Students selected for teaching and government jobs.

2.7 Student Satisfaction Survey

- Positive student participation reflected through cultural programs, research involvement, and placement.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- Research-oriented PG and Ph.D. programmes.
- Computer and departmental labs available.

3.2 Resource Mobilization for Research



- ICSSR and UGC-funded research projects undertaken by faculty.

3.3 Innovation Ecosystem

- Focus on action research, indigenous research, and integration of technology in education.

3.4 Research Publications and Awards



- Total Publications: 51 (36 National + 15 International).
- Faculty published books, book chapters, and papers in UGC CARE and indexed journals.

3.5 Consultancy

- Paid consultancy and project-based works undertaken (e.g., MOOCs, educational policy studies).

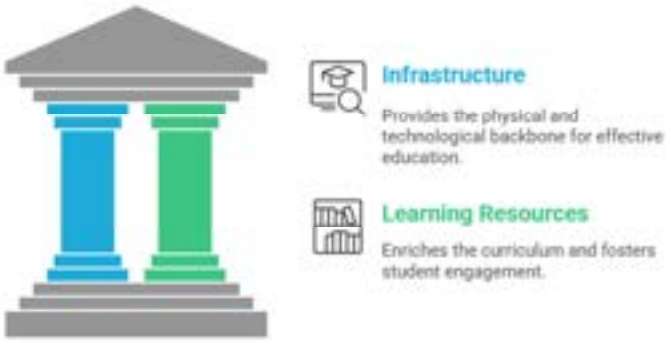
3.6 Extension Activities

- Community outreach, plantation drives, cultural events.
- Participation in workshops and policy-related activities.

3.7 Collaboration

- Collaborations with NCERT, ICSSR, UGC, and other universities through conferences and joint projects.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Departmental classrooms, laboratories, and seminar halls.

4.2 Library as a Learning Resource

- Access to central university library and e-resources.

4.3 IT Infrastructure

- ICT-enabled teaching facilities and computer lab.

4.4 Maintenance of Campus Infrastructure

- Regular maintenance through university administration.

5. Student Support and Progression

5.1 Student Support

- Guidance and counseling support available.
- Participation in co-curricular and extension activities.

5.2 Student Progression

- 22 students pursuing higher studies.
- 12 students employed in school teaching.
- 5 students in higher education teaching positions.

5.3 Student Participation and Activities

- Students organize and participate in cultural events (Teachers' Day, Republic Day, Farewell, etc.).
- Plantation drives and community programs.

5.4 Alumni Engagement

- Alumni pursuing higher studies and teaching careers; maintaining professional networks.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision to integrate technology and Indian philosophy for holistic education.

6.2 Strategy Development and Deployment

- Alignment with NEP 2020 and national educational policies.

6.3 Faculty Empowerment Strategies

- Faculty nominated in state and national-level committees.
- Participation in training, orientation, and sensitization programs.

6.4 Financial Management and Resource Mobilization

- Research grants mobilized through ICSSR, UGC, and consultancy projects.

6.5 Internal Quality Assurance System

- Faculty and research participation in IQAC.
- Regular review and monitoring for academic excellence.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Inclusive education and emphasis on SC/ST, minorities, and disadvantaged groups.
- Research on women empowerment, social justice, and sustainability.

7.2 Best Practices

- Integration of ICT and experiential learning.
- Blended learning practices aligned with NEP 2020.

7.3 Institutional Distinctiveness

- Strong focus on Teacher Education and Indian Knowledge System.
- Contribution to state and national education policy implementation.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Raj Sharan Shahi,** Associate Professor, Head & Dean
  Specialization: Educational Technology, History of Education, Sociology of Education, Teacher Education, Pedagogy of Education
  Qualification: Ph.D., M.Ed., M.A.
- **Prof. Harishankar Singh,** Professor
  Specialization: Teacher Education, Philosophy and Sociology of Education, Environmental Education, Educational Administration and Management, Guidance and Counselling etc.
  Qualification: M.A., M.Ed., Ph.D.
- **Dr. B. S. Gupta,** Associate Professor
  Specialization: Educational Philosophy, Educational Research, Educational Administration, Measurement &Evaluation, Yoga Education, Curriculum Development etc.
  Qualifications: M.Ed., PG in Philosophy & Yoga, UGC –NET & Ph.D. in Education
- **Dr. Subhash Misra,** Associate Professor
  Specialization: Curriculum Development, Philosophy of Education Pedagogy of Hindi & Social Studies and Qualitative Research
  Qualification: Ph.D., M.Ed., B.Ed., M.A. (Pol. Sc.), M.A. (Hindi), UGC-NET
- **Dr. Victoria Susan Ijjina,** Assistant Professor

Specialization: Pedagogy of Science, Information and Communication Technology (ICT), Value Education, Inclusive Education, Teacher Education, Human Rights, Philosophical and Sociological Foundations of Education
Qualification: M.Sc. (Physics), M.Sc. (Psychology), M.Ed., Ph.D. UGC-NET

- **Dr. Sangeeta Chauhan,** Assistant Professor
  Specialization: Research Methodology, Measurement & Evaluation, Teacher Education, Educational Administration & Management, Educational Technology
  Qualifications: (Mathematics) M.Ed, M.Phil, NET, PH.D. (Education)
- **Dr. Rajesh Ekka,** Assistant Professor
  Specialization: Sociology of Education, Philosophy of Education, Tribal Education, Gender Studies, Teaching of Social Sciences.
  Qualifications: M.Sc. (Mathematics), M.A. (Sociology), M.A. (Philosophy), M.A. (Education), M.Ed., Ph.D., Post Doctorate (ICSSR, New Delhi)
- **Dr. Lalima,** Assistant Professor
  Specialization: Measurement & Assessment, Child development and pedagogy, Educational Technology, Experimental Research
  Qualification: M.Sc., M.A., M.Ed., Ph.D.
- **Dr. Vivek Nath Tripathi,** Assistant Professor
  Specialization: Special Education, Pedagogy of Commerce, Policy Research, Psychology Quantitative Research
  Qualification: Ph.D., M. Com, M.Ed., NET, PGPD
- **Dr. Shikha Tiwari,** Assistant Professor
  Specialization: Educational Psychology, English Pedagogy, ICT, Teacher Education
  Qualification: Ph.D., M.Ed., M.A., UGC-NET (JRF)
- **Dr. Meena Vishweshwar Rakshe**
  Specialization: Education Psychology, Hindi Pedagogy, ICT, Yoga, Teacher Education, Guidance Counselling
  Qualification: Ph.D., M.Ed., B.Ed., M.A., UGC-NET

8.2 Various Positions held in & out the Institution –

Prof. Raj Sharan Shahi

- Chairman, School Board of Education, Babasahab Bhimrao Ambedkar University Lucknow
- Member, Academic Council, Uttar Pradesh Rajarshi Tondon Open University, Prayagaraj
- Member, Academic Council, Kisan P.G. College, Beharaich (A, Autonomous College)
- Nominated Member of Steering Committee by Chief Minister of Uttar Pradesh for implementation of NEP-2020 in UP.
- Nominated Member for Higher Education Council of Uttar Pradesh by Hon'ble Governor of Uttar Pradesh.
- Mentor appointed by Uttar Pradesh Higher Education Council for preparation of SSR for Assessment and Accreditation of NAAC.
- Member- Faculty Board of Education Raja MahendraPratap Singh State University Aligarh
- Member I.Q.A.C Steering Committee Babasaheb Bhimrao Ambedkar University, Lucknow.
- Member, Board of Studies Ram Manohar Lohiya Avadh Vishwavidyalaya, Faizabad

- Member, Board of Studies, Maharaja Surajmal Brij University, Bharatpur, Rajasthan
- Member, School Board for School of Education Central University of Jharkhand
- Member, Board of Post Graduate Studies, Department of Education& English Babasaheb Bhimrao Ambedkar University, Lucknow.
- Member- Board of Studies DDU University Gorakhpur member
- Member, Board of Studies, Assam Central University, Silchar
- Member-, DRC Babasahab Bhimrao Ambedkar University Lucknow
- Member- DRC Ram Manohar Lohiya Avadh University Faizabad
- Member, DRC Tezpur Central University, Tezpur, Assam
- Member- RDC Rani Durgavati Vishwavidyalay Jabalpur Madhya Pradesh
- Member- Board off Examiner Central University of South Bihar Gaya

Dr. Subhash Misra

- Deputy Director, Research and Development
- NEP Coordinator/Nodal Officer of University
- Member Secretary-NEP Implementation Committee
- Secretary- MoU Committee of the University
- Member-NIRF Committee of the University
- Member-Convocation Committee
- Member-Centre for Innovation, Incubation and Entrepreneurship (CIIE) of the University
- Member Secretary- Institutional Development Plan (IDP) Committee
- Member-Convener- Academic Calendar Committee
- Member- Modification/amendment of UG /PG Regulations
- Member- Modification/amendment of Ph.D. Regulations

Dr. Sangeeta Chauhan

- MEMBER OF EDITORIAL BOARD OF "AD EDUXIAN JOURNAL, QUARTERLY MULTIDISCIPLINARY BLIND PEER REVIEWED AND REFEREED ONLINE INTERNATIONAL JOURNAL"
- Admin Warden of Yashodhara Girls Hostel
- Assistant Proctor in Proctorial Board

Dr. Shikha Tiwari

- Warden, Yashodhara Hostel. BBAU Lucknow.
- Assistant DSW Maintenance (Women)
- Co-coordinator Fine Arts Club, BBAU Lucknow
- Co-ordinator / Member of various committees at Departmental level
- Member, Foundation Course Cell, BBAU Lucknow.
- Member, Admission Committee, DOE, BBAU Lucknow.
- Member, BUGS English, BBAU Lucknow.
- Member, BPGS English, BBAU Lucknow.
- Coordinator between BBAU Lucknow and The English and Foreign Languages University, Hyderabad.
- Member, Committee for Unnat Bharat Abhiyan
- Member, Human Values Committee

8.3 Research Publications

8.3.1 Research Articles

Prof. Raj Sharan Shahi

- Sankar Bairagi & Prof. Raj Sharan Shahi, 30th Dec, 2024 - 5th Jan, 2025, Vishwa Guru Bharat: Reflections on 78 years of Independence, University News, A Weekly Journal of Higher Education, Association of Indian Universities, Vol.62 No.53, Pg: 3-10
- दिगपिजसनाथ , प्रो0 राजशरण शाही,दिसंबर 2024 राजकीय शिक्षा नीति में स्व के जागरण के प्रयास और महंत दिग्विजयनाथ, विकसित भारत अंक Page no. 63-65
- डॉ. विनोद कुमार यादव ए प्रो0 राज शरण साहीए दिसंबर 2024, ल्मे इंटर नेशनल पीयर रिव्यूडरेफर्ड जर्नल माध्यमिक शिक्षा पर सार्वजनिक व्यय का एक विश्लेषणात्मक अध्ययन उत्तरप्रदेश के विशेष संदर्भ में Impact Factor: 6.875 An International Peer Reviewed Refereed Research Journal, Interdisciplinary Journal of Contemporary Research, Vol. 11, No. 12.1, December, 2024
- Vivek NathTripathi and Raj Sharan Shahi, FEBRUARY 25-26, 2025, Cultural and Social Sensitivity in Indian Classrooms: A Global Perspective, ISSN No. 0566-2257 Special Issue on GLOBALISATION AND INTERNATIONALISATION on the occasion of AIU CENTRAL ZONE VICE CHANCELLORS' MEET-2025 Hosted by KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (DEEMED-TO-BE UNIVERSITY) BHUBANESWAR on FEBRUARY 25-26, 2025

Prof. Harishankar Singh

- Jaiswal, Sonali& Singh, H. (2024). Training the Students to be up standers not Just Bystanders. UNIVERSITY NEWS: A Weekly Journal of Higher Education; (Vol. 62, No. 21, May 20-26, 2024). Association of Indian Universities. ISSN-0566-2257.
- Jaiswal, Sonali& Singh, H. (2024). An Attitude of B.Ed. Trainees on Bullying: A Study of Two Central Universities Located In Uttar Pradesh. International Journal of Creative Research Thoughts (IJCRT) (Vol.12, Issue 4, April 2024). ISSN: 2320-2882.
- Kumar, A. & Singh, H. (2024). Musahar Samuday ka Samajikaur Shaikshik Stithi: Gajipur Jile ke Vishesh Sandarbh main. International Journal of Humanities and Social Science Invention (IJHSSI). Vol. 13, Issue 4, April 2024, PP. 60-66. ISSN (Online): 2319-7722, ISSN (Print): 2319-7714. DOI: 10.35629/7722-13046066.
- Rashmi& Singh, H. (2024). Reimagining Higher Education through Experiential Learning. In GENIUS (Vol. XIII, Issue I, August – January 2024-2025, p. 29-37). Ajanta Prakashan. ISSN-2279-0489.
- Rashmi& Singh, H. (2024). The Influence of Experiential Learning on Youth Mental Health: A Holistic Approach. African Journal of Biomedical Research Vol. 27(4s), November 2024; 3078-3082. ISSN 1119-5096. https://doi.org/10.53555/AJBR.v27i4S.4153
- Rashmi& Singh, H. (2024). The Role of Teachers Experiential Learning in Promoting their Personal and Professional Development. AJANTA (Vol. XIII, Issue III, July-September 2024). Ajanta Prakashan. ISSN: 2277-5730.
- Rashmi& Singh, H. (2024). The Role of Individuals in Environmental Protection through Experiential Learning. AJANTA (Vol. XIII, Issue IV, October-December 2024). Ajanta Prakashan. ISSN: 2277-5730.
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Dr. Vivek Nath Tripathi

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Dr. Shikha Tiwari

- Sharma Priya, Tiwari Shikha. The role of psychological hardiness in Enhancing Professional development of Teacher Educators. GIMRJ, ISSN 2394-8426, Issue 27, Vol. XIII, April- 2025
- Tiwari Shikha. Domestic Voilence and Women Empowerment in Contemporary Indian Society. Research Review International Journal of Multidisciplinary, ISSN–2255-3085. December 2024

Dr. Meena Vishweshwar Rakshe

- Paper title "Human Rights and Socio-Economic Challenges of Woman Tea Workers in the Jalpaiguri District" by Kamalini Roy and Dr. Meena Vishweshwar Rakshe, published in the journal "International Journal of All Research Education and Scientific Methods (IJARESM)" ISSN: 2455-6211, Volume 13, Issue 1, January-2025, Available online at: www.ijaresm.com
- Paper title "Exploring the Status of Elementary Education in the Tea Garden Communities of Banarhat Block" by Kamalini Roy and Dr. Meena Vishweshwar Rakshe, published in the journal "The Social Science Review a Multidisciplinary Journal" January-February, 2025. Vol. 3. Issue 1. 36-41
- Paper title "From Barriers to Bright Futures: Elevating Disadvantaged group in Higher and Technical Education" by Kamalini Roy and Dr. Meena Vishweshwar Rakshe, published in the journal "AD EDUXIAN JOURNAL" A Quarterly Multidisciplinary Blind Peer Reviewed & Refereed, Open Access & Indexed International Journal, E-ISSN: 3048-9751, Vol(1&2), Issue(3), Nov - Jan 2024-25, Available DOI Link: https://doi-ds.org/Articleswww.ijaresm.com
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8.3.2 Books / Edited Books

Prof. Harishankar Singh

- Singh, H. &Tripathi, V.N. (2024). Revamping Teacher Education: Professional Development of Teachers and Teacher Educators; National Education Policy 2020 (1st Edition, 2024). Rudra Publication. ISBN: 978-93-94923-67-6.
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- Singh, H., &Rakshe, M. V. (2025). Foundation of Education (1st ed., Vol. 1). Raghav

Publication. ISBN: 978-93-49122-31-4.

- Singh, H., &Rakshe, M. V. (2025). Human Growth and Development (1st ed., Vol. 1). Raghav Publication. ISBN: 978-93-49122-51-2.

Dr. Meena V. Rakshe

- Written book titled "Human Growth and Development", ISSN/ISBN No.978-93-49122-51-2
- Written book titled "Foundation of Education", ISSN/ISBN No.978-93-49122-31-4

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Raj Sharan Shahi

- Meenakshi Pandey& Prof. Raj SharanShahi, Kunal Books, 30. 11. 2024 New Delhi, Indian Knowledge System and NEP 2020: A Brief Analysis Pg. 123-130, Viksit Bharat @ 2047: A Brief Future Ahead, ISBN 978- 93-6389- 482-2

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- Jaiswal, Sonali& Singh, H. (2024). Teacher Education in India in the 21st Century after so much Polishing in National Education Policy 2020. Revamping Teacher Education (1st Edition, pp. 17-26). Rudra Publication. ISBN: 978-93-94923-67-6.
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- Rashmi& Singh, H. (2024). Origin and Development of Indian Knowledge System: Indian Knowledge System and Experiential Learning: Holistically Interconnected. Origin and Development of Indian Knowledge System (1st ed., Vol. 1, pp. 458–472). Kalindi Prakashan. ISBN 978-9937-9715-1-5.
- Rashmi& Singh, H. (2024). Social Development: Social Development in a Digital Age: Opportunities and Challenges. Social Development (Vol. 1, pp. 203–208). Samta Prakashan. ISBN 978-93-93403-73-5.
- Rashmi& Singh, H. (2024). NEP 2020 Transforming Pedagogies of 21st Century: Experiential Learning and Teacher Education in the light of NEP 2020. NEP 2020 Transforming Pedagogies of 21st Century (1st ed., Vol. 2, pp. 134–142). Bharti Publication. ISBN 978-81-19757-22-0.
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- Rashmi& Singh, H. (2022). Sanskriti Prawah: Bridging Cultures: The Role of Cultural Exchange in Facilitating Knowledge Transfer. Sanskriti Prawah (1st ed., Vol. 1, pp. 161–166). Sankalp Prakashan. ISBN 978-93-91435-62-2.
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- Kumar, M. & Gupta, B.S. (2024) 'Kala ke kshetra men Mahilaon ka yogadan-1961' in the book "Contribution of Women in National Building. Kanupr: Sankalp Prakashan. ISBN-9789391435677, 80-87.
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- Kumar, M. & Gupta, B.S. (2024) 'Astang Yoga ki Vyaktitva nirman men bhumika' in the book "Personality Development & Character Building, Kanupr: Sankalp Prakashan. ISBN- 9789391435776, pp. 01-11.
- Kumar, M. & Gupta, B.S. (2024) 'Vartman Shiksha Pranali Mein Samajik evm sanskritik mulyon ki prasangikta' in the book "Mulyaevm Shanti Shiksha, Azamgarh: Kalindi Prakashan. ISBN- 9788196642020, pp. 55-60.
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- Ijjina, E.P., Erukala, S.B., & Ijjina,V.S. (2024). A light – weight deep learning model for plant disease detection in hyper automation. In Hyper automation in Precision Agriculture edited by Singh, S et.al. Academic Press. ISBN: 9780443241390. Elsevier.
- Pandey, N & Ijjina, V.S. (2025). *भारतीय शिक्षा व धर्म के सन्दर्भ में स्वामी विवेकानंद के विचार*. In *भारतीय सांस्कृतिक अग्रदूत स्वामी विवेकानंद*. Sankalp Prakashan: Kanpur, ISBN: 9789348772312
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- Pandey, N & Ijjina, V.S. (2025). Indian Knowledge System: A Holistic Approach to Ancient Wisdom and Modern Relevance. In Social Expressions. Sankalp Prakashan: Kanpur, ISBN:9789348772954
- Pandey, N & Ijjina, V.S. (2025). Probing the Impact of Indian Ethos and Knowledge System on Adolescents: A Contemporary Perspective. In Indigenous Knowledge System for Sustainable Future (Exploration and Development). Sankalp Prakashan: Kanpur. ISBN: 9789937971508
- Pandey, N & Ijjina, V.S. (2025). Inclusivity in Action: Transforming Indian Education Through NEP 2020. In *समावेशीशिक्षा*. Sankalp Prakashan: Kanpur. ISBN:978-93-93403-81-0

Dr. Sangeeta Chauhan

- Book chapter titled "Navigating the digital Age: A Qualitative Study of Literacy in Modern Higher Education" by Sangeeta Chauhan, Sonu Bara and Vidushi Mishra in the book titled "Transforming Higher Education in the Digital Age (Volume II)" published by ABS Books ISBN: 978-93-49078-57-4 in 2025 (page nos. 121-136).
- Book chapter titled "Exploring Pre Services Teacher's Insights on AI in Classroom Learning" by Sangeeta Chauhan, ApoorvaSexena, and Michael Tarance Suraj in the book titled Transforming Higher Education in the Digital Age (Volume II)" published by ABS Books ISBN: 978-93-49078-57-4 in 2025 (page nos. 99-110).

Dr. Lalima

- Published a chapter "Functions of Education in Modern Society" in an edited book 'Fundamentals of Education' by Dr. Lalima published by Kalindi Prakashan. ISBN: 978-81-986666-5-9. Pp-15-28

Dr. Vivek Nath Tripathi

- *कुमार, ए., एवंत्रिपाठी, वी. एन. (*202 *विकसितभारत*, 2047 *राष्ट्रीयशिक्षानीति*, 2020 *पांडे, एस. ए., जैन, ए., एवंरश्मि. (एडिटर्स), विकसितभारत*2047 *अपेक्षाएंएवंचुनौतियाँ (प्रथमसंस्करण*, *पृ.* 118-130 *संकल्पप्रकाशन.*
- *कुमार, ए., एवंत्रिपाठी, वी. एन. (*2025). *राष्ट्रीयशिक्षानीति*, 2020 *एवंविद्यालयशिक्षाराष्ट्रीयपाठ्यक्रमरूपरेखा*, 2023 *केसिद्धांतऔरकार्यान्वयनचुनौतियाँ. पांडे, एस. ए., द्विवेदी, पी., एवंपांडे, एन. (एडिटर्स), अन्वेषण (प्रथमसंस्करण*, *पृ.* 54-63). *संकल्पप्रकाशन.*
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Dr. Shikha Tiwari

- Tiwari Shikha (2023) Ivan Illich's De schooling and NEP2020. NEP 2020: *भारतीय शिक्षा प्रणाली ऐवम विचारक. कालिन्दी प्रकाशन,* Azamgarh, ISBN978-81-982576-3-5

Dr. Meena V. Rakshe

- Lifelong Learning (LLL) with Special Reference to NEP 2020: Conspectus" by Dr. Meena Vishweshwar Rakshe page. no. 143- 147, Edited ISBN 978-93-94923-67-6
- Book chapter titled "Fostering Inclusive Education: Exploring the Role of Teachers,

Parents and Communities"by Kamalini Roy and Dr. Meena Vishweshwar Rakshe, in the peer- reviewed edited book entitled "Changing Paradigm of Teacher Education in India".

- book chapter title "The Yoga of Wellness: Uniting Body, Mind, And Spirit for Holistic Health"by Kamalini Roy and Dr. Meena Vishweshwar Rakshe, it was published in the peer-reviewed edited book entitled "HOLISTIC GROWTH THROUGH YOGA, PSYCHOLOGY AND EDUCATION" on Red Unicorn Publisher. May, 2025 (An International Edition), ISBN-10: 93-5809-263-7, DIP: 18.10.9358092637, DOI: 10.25215/9358092637, ISBN: 978-93-5809-263-9

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Raj Sharan Shahi

- NEP 2020 and Holistic Development National NEP 2020 Orientation and Sensitization Program UGC MMTC and University of Jammu June 2024
- Indian knowledge System National NEP 2020 Orientation and Sensitization Program Kurukshetra University Kurukshetra 11th June2024
- Historical Research context and commitment National NEP 2020 Orientation and Sensitization Program UGC MMTC and DAVV, Indore 11th June2024 15 |
- Historical Research context and commitment National NEP 2020 Orientation and Sensitization Program UGC MMTC and CU H.P 15th June2024
- Promotion of Indian language in Teaching and Research National Lectures NEP 2020 Orientation and Sensitization Program UGC MMTC and IQAC Silchar
- Financial planning and Internal resources Mobilization in Higher Education National lectures NEP 2020 orientation and sensitization program UGC MMTC and 18th June2024
- NEP 2020 and Holistic Development, UGC MMTTC University of Jammu 01.06.2024
- Indian Knowledge System NEP Orientation and Sensitization Programme Kurukshetra University 11.06.2024
- ऐतहाि सक अनुसंधान: ÿijऔर ÿि तबिधताएं 15.06.2024
- Promotion of Indian Languages in Teaching and Research 26.06.2024
- Financial Planning and Management MMTTC and CUSB, Gaya 31.07.2024
- NEP 2020 and Promotion of Indian Languages MMTTC and Assam University, Silchar 06.08.2024 16 | P a g e in Teaching and Research
- NEP 2020 and Promotion of Indian Languages MMTTC and Assam University, Silchar 07.90.2024
- Kurukshetra University 17.09.2024
- Ishwar Sharan P.G. College, Prayagraj and MMTTC 18.09.2024
- Social and Cultural Context of Nari Shakti Vandan Adhiniyam -2023 National Conference Nari Shakti Vandan Adhiniyam -2023: A Holistic Discourse Organised by Snatkottar Mahavidyalaya,Patti Pratapgarh Affiliated to Prof Rajendra Singh (Rajju Bhaiya) University, Prayagraj UP in Collaboration with V.B.S. Purvanchal University, Jaunpur UP. Sponsored by Indian Council of Social Science Research, New Delhi 22nd October 2024
- Historical Research University of Lucknow 27.11.2024
- Financial Planning and Management MMTTC and CUSB, Gaya 27.11.2024
- Chaired A Session in Delhi Organized by CPRG, sponsored by ICPR 28.11.2024
- Holistic Development and 360◦ Evaluation Assam Central University, Silchar 03.12.2024
- NEP 2020 MMTTC Assam University, Silchar and Central University of Tripura 13.12.2024 17 | P a g e
- Historical and Social Perspectives of Education MMTTC and Lucknow University.

Refresher Programme 18.12.2024

- Academic Leadership Governance and Management MMTTC University of Delhi and Bhaskaracharya College, Delhi 09.01.2025
- Leadership Management and Governance MMTTC and Ishwar Sharan, P.G. College, Prayagraj 16.01.2025
- Autonomy, Accountability and Management in Higher Education MMTTC Silchar 10.02.2025
- भारत की सांस्कृतिक चेतना और एकात्म मानववाद, पंडित दीन दयाल शोध पीठ, CSJM University, Kanpur 11.02.2025
- Role of Teacher in Achieving SDG 4 Dept. of Education, DDU, Gorakhpur, University of Gorakhpur. 15.02.2025
- Culture and Political Relation Across Borders Two-day Research Conclave on Viksit Purvottar Bharat and Act East Policy: Connections, Disruptions and Prospects Viksit Purvottar Bharat and Act East Policy: Connections, Disruptions and Prospects Assam University Students' Union, Students for Holistic Development of Humanity (Shodh) & Department of Political Science Assam University, Silchar-788011 19th & 20th February 2025

Prof. Harishankar Singh

- Presented a paper titled "Digital Pathways to Inclusion: Leveraging Online and digital education (ODL) and E-Learning tools for a Diverse Learning Experience" in two days National seminar on Convergence of Regular, Online and ODL Modes and Technology Intergretion in Higher Education March 6-7, 2025 Organized by Centre for Distance and Online Education Kurukshetra University Sponsored by ICSSR.
- Presented a paper titled "Bridging Nations, Shaping Futures: NEP 2020's Vision for a New Era of Globalizing Higher Education" in to Two Days National Seminar on Impact of NEP 2020 on Quality of Education in Viksit Bharat 22- 23 March, 2025 Organized by Department of Education Sitapur Shiksha Sasthan sponsored by ICSSR.
- Presented a paper titled "Effect of Yoga on Mascular System" in 20th National Seminar on Effects of Yoga and Naturopathy on Muscular System Organized by Department of Yoga, Faculty of Yoga and Alternative Medicine, University of Lucknow.
- Presented a paper titled "Innovative Educational Approaches for the Upliftment of Tea Garden Workers' Childrens" in National Seminar on Educational Scenario in India: Challenges and Prospects in the Era of Globalization Organized by Sharan College of Education for Woman and Centre for Professional Development (CPD) R&D Cell, NIILM University Kaithal, Haryana.
- Presented a paper titled "Pedagogy for School Education: NEP 2020" in International Conferences on Research and Innovations 8-9 November 2024 Organized by International Scientific Research Association.
- Presented a paper titled "Role of Educational Psychology in School" in International Conferences on Holistic Education Reforms: Creating Synergy between NEP- 2020, Counseling and Psychometric Assessments Organized by Department of Education, Gujarat University.

Dr. B. S. Gupta

- Worked as Course Director in ICSSR, New Delhi, sponsored 'Ten-day workshop on Research Methodology Course', which was conducted from April 23rdto May 02nd2025.
- Worked as Coordinator in 'Seven days' workshop on Research Methodology Course', which was conducted from March 04th to March 10th 2025.
- Paper presented entitled 'Bhartiya Shiksha Parampara men Shashwat Mulyon ki Bhumika'

in International Conference on Mahakumbh: Transforming Human life through Sanatan Values, held on 25-26th March, 2025 organized by UPRTOU, Prayagraj, UP

- Paper presented entitled 'Prachin Bhartiya vaigyanik Gyan Parampara evm Yoga: vartman shaikshik Pradesh mein prasangikta' in International Seminar on Vartmen Vaishvik Paridrishya men Gyan Parmpara, held on 06-07th June, 2024 organized by Central Hindi Department, TU, Kathmando.
- Paper presented entitled 'Hindi bhasha evam dev nagriLipi ki vaishvik prasangikta' in National Seminar on 'Rajbhasha Hindi ki sthiti samgra Bharat ke sandrbh mein', held on 19-21st Sep, 2024 organized by SRST College of Education, Jahanabad, Bihar.
- Chaired as resource person in National Seminar on "Satata Bhavishya ke liye Swadeshi Gyan Pranali" held on 16th June, 2024 organized by Department of Education, Tribuwan University, Kathmandu, Nepal.
- Delivered Lecture as resource person on "SPSS in Statitics" held on 16th June, 2024 organized by Department of Education, CMP PG College, Prayagraj.
- Delivered Lecture as resource person on "SPSS in Statitics" held on 19th June, 2024 organized by Department of Education, CMP PG College, Prayagraj.

Dr. Shubhash Misra

- Delivered Lecture as a resource person and presided the technical session on National Education Policy and Self-Reliant India in the National Seminar on National Education Policy and Higher Education organized by Bhartiya Shiksha Shodh Sansthan, Lucknow on 24 April 2024.
- Presented Paper on the title "Evolving Pedagogy in Response to NEP-2020: Embracing Interactive Methods, Technology, Integration, Inclusivity and Reflective Practices in National Seminar organized by Bhartiya Shiksha Shodh Sansthan, Lucknow on 23-24 April 2024.
- Delivered Lecture on "Holistic Development and Multidisciplinary Education (Theme I) conducted on 14th May 2024 from 1.30 PM-03:00 PM in the Online Short-Term Course on NEP Orientation and Sensitization organized by Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University under the aegis of the University Grants Commission.
- Delivered Two Lecture on Idea of Curriculum & Different Perspectives of Curriculum on 13th July, 2024 10.30 AM to 1.40 PM in UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Amravati, Maharashtra.
- Delivered Two Lectures on 29th November 2024 First, from 02:15 PM to 3:45 PM on "Revamping Curriculum @ NEP 2020" and second from 04:00 PM-5:30 PM on "Revamping Curriculum under NEP 2020" in UGC-Malaviya Mission Teacher Training Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur is organizing FACULTY INDUCTION PROGRAMME (FIP) programme in online mode.
- Delivered Two Lectures on 25th November 2024 in Short Term Course on Teaching, Learning and Evaluation organized by Malaviya Mission Teacher Training Centre, DAVV, Indore (M.P.)
- Delivered Two Lectures on 14th December 2024 Time of the Session: 3 (2.00 PM to 03.30 PM) and 4 (3.30 PM to 05.00 PM) in 1st RC (Refresher Course) organised by MMTTC-Indian Institute of Teacher Education, Gandhinagar
- Delivered Lecture on Holistic Development and Multidisciplinary Education (Theme I) on 14th May 2024 from 01.30 PM-03:00 PM in the STC Online Short-Term Course on NEP Orientation and Sensitization organized by Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University under the aegis of the University Grants Commission.
- Paper presented on the title "Ucch Shiksha mein Rashtriya Shiksha Neeti 2020 ka Safal

Kriyanvayan: Shikshakon ki Netritvakari Bhumika" (Empowering Higher Education: Teachers as Catalysts in the Implementation of NEP 2020) in a National Seminar on Uchch Shikha Men Rashtriy Shiksha Niti 2020 ke Safal Kriyanvyayan men Shikshakon Ki Bhumika" organised by Khwaja Moinuddin Chisti Bhasha Vishv Vidyalaya, Lucknow and Vidya Bharti Uchch Shikha Sansthan on 01 October 2024.

- Delivered Lecture on Holistic Value Education: Perspectives from IKS (Theme II) in the NEP Orientation & Sensitization Program on 26thNovember 2024 organized by Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University under the aegis of the University Grants Commission.
- Delivered Lecture on Implementation of 360 Degree Assessment on 26th February 2025 from 2:30 PM-4:00 PM in Online Short-Term Course on 360 Degree Assessment and NEP 2020 organized by MMTTC, Tezpur University under the aegis of the University Grants Commission.
- Paper presented and delivered lecture as a resource person on the topic "Trends and Insights in Educational Technology Post-NEP2020" in two days National Conference on "Trends and Insights in Educational Technology Post-NEP2020" organised by IoE-University of Hyderabad from 10th-11th February 2025.
- Paper Presented on "Multidisciplinary Research: A Pathway to Viksit Bharat in ICSSR Sponsored International Conference & Workshop on "Mental Health & Wellbeing of Youth towards Realization of the Dream of Viksit Bharat, organised by BBAU in collaboration with Zoological Society of India & Shikshan Mandal on 13-14 February 2025
- Delivered Lecture on CBCS and Challenges to Implementation conducted on 14thFebruary 2025 from 10:30 AM-12:00 PM in Online Guru Dakshta-Faculty Induction Programme (FIP) organized by Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University under the aegis of the University Grants Commission.
- Delivered Lecture on "Effective Implementation of National Education Policy-2020 in Higher Education organised by IQAC & Department of Liberal Education, Era University, Lucknow on 05th March 2025.
- Paper presented on" Spread Awareness about Ambedkar's Contribution in Nation Building" in the National Seminar on Babasaheb's Concept of National Building and Constitutional Commitments" organised by SOC, BBAU, Lucknow on 13th -14th April 2025.

Dr. Victoria Susan Ijjina

- Participated and presented a paper titled "Micro-Credentials with Special Reference to NEP 2020: A Systematic Review" in National Seminar on Education in 21st Century: Challenges and Opportunities organized by Maulana Azad National Urdu University, College of Teacher Education, Darbhanga from 24th& 25th February 2025
- Participated and presented a paper titled "Micro-Credentials as an Emerging Tool: Degrees to Digital Credits" in International Conference on A Multidisciplinary Approach to Sustainability: A Holistic View Towards the Future organized by School of Arts, Humanities and Social Sciences & School of Teacher Education, CSJM University, Kanpur from29th April 2025
- Participated and presented a paper titled "Micro-Credentials a Revolutionary Approach to bridge the Skill Gap in the Context of NEP 2020" in National Conference on Impact of NEP 2020 on Quality of Education in Viksit Bharat organized by ICSSR sponsored, Department of Education, Sitapur Shiksha Sansthan, Kanwakhera, Sitapur from 22nd& 23rd March 2025
- Participated and presented a paper titled "Mental Well-Being and Bharatiya Mother: A Systematic Review" in International Conference on Mental Health & Well Being of Youth

towards Realization of the Dream of Viksit Bharat organized by ICSSR sponsored, Department of Human Development and Family Studies, BBAU on 13th& 14th February 2025

- Participated and presented a paper titled "Multidisciplinary Approaches to Learning in NEP 2020: A Pathway to Eudaimonic Well-Being" in National Seminar on Sociological Approaches to National Education Policy (NEP) 2020: Shaping Viksit Bharat 2047 organized by Department of Sociology KPM Rajkiya Mahila Mahavidyalaya Bhadohi, U.P. from 21st – 22nd Feb 2025.
- Participated and presented a paper titled "Multidisciplinary Approaches to Learning in NEP 2020: A Pathway to Eudaimonic Well-Being" in national seminar on Sociological Approaches to National Education Policy (NEP) 2020: Shaping Viksit Bharat 2047 organized by ICSSR sponsored Department of Sociology, KPM Rajkiya Mahila Mahavidyalaya from

Dr. Sangeeta Chauhan

- Participated in two days national conference on "Trends and Insights in Educational Technology post-NEP 2020", organized by Department of Education and Education Technology, University of Hyderabad in collaboration with MMTTC, University of Hyderabad Inter-University centre for Teacher Education Varanasi, UP held on 10 Feb, 2025 to 11 Feb, 2025.
- Participated in International Conference on "Transforming Higher Education in the Digital Age", organized by Department of Education, Chaudhary Charan Singh University, Meerut, (U.P) India, held on 27 Feb, 2025 to 28 Feb, 2025.
- Participated in two days national conference on "Innovation Paradigm: A Multidisciplinary Approach to Contemporary Crime Issue and Challenge", organized by Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Triunelveli, Tamil Nadu, India held on 6th to 7th March, 2025.
- Participated in two days national seminar (online mode) on "Mantel Health and Well-being on the topic Preparing Teachers to Identify and Accoutrement Mental Health Needs through Teacher Training", organized by Faculty of Education, Integral University, Lucknow (U.P) India held on 23th to 24th April, 2025.

Dr. Lalima

- Delivered an invited Lecture on the topic "National Professional Standards for Teachers: A critical Review" in Bhartiya Shodh Sansthan, Nirala Nagar, Lucknow on 31st August 2024.
- Delivered an invited Lecture in online mode on the topic" Selecting a Research Problem" in Pre-Ph.D. course work of Jananayak Chandrashekar University, Baliya on 2nd September 2024.
- Delivered a lecture and conducted an interactive session on the topic" Making Science Learning Fun" in the One-day workshop on "Empowering Teachers: Teachers Orientation Programme for a transformative Future ", organized by Akhil Bhartiya Prabhandkah Welfare Association, Lucknow on 27th October'2024.
- Presented a paper entitled" Benefits of Music for Mental Health Among Young People" in the ICSSR sponsored international conference& workshop on "Mental Health & Wellbeing of Youth Towards Realization of the Dream of Viksit Bharat" organized by Department of Human Development & Family studies, School of Home Science, BBAU, Lucknow in collaboration with Zoological Society of India & Bhartiya Shiksha Mandal (Awadh Prant) on 13th& 14th February 2025
- Presented a paper entitled "Role of Artificial Intelligence in STEM Education" in the ICSSR sponsored National Seminar on "Impact of Artificial Intelligence on Indian

Culture & Indian Knowledge System (With Special Reference in Future Perspective" organized by Department of Education D.A.V.(P.G.) College, Dehradun on 9th and 10th November 2024 in blended mode

- Presented a paper entitled "Inimitable Role of Teacher in Implementation of NEP 2020" in the national seminar on "Role of Teacher in Successful implementation of NEP 2020 in Higher Education organized by *Khwaja Moinuddin Chishti Language University*, Lucknow and Vidhya Bharati Ucch Shiksha Sansthan (Awadh Prant) on 1st October 2024.
- Presented a paper entitled "Law as a tool for National Building: A critical study of Ambedkar constitutional Commitments" In National Seminar on "Babasaheb Concept of National Building and constitutional Commitments" organized by Standing Organizing Committee, BBAU on 13th -14th April 2025

Dr. Vivek Nath Tripathi

- Self-efficacy & Mental Health, A Review Study, International, Department of Family Studies Babasaheb Bhimrao Ambedkar Jayanti & University Foundation, Day- 202513th 14th Feb, 2025.
- Transforming Teacher Education Towards Viksit Bhart, National Conclave, Kurukshetra University, Kurukshetra, Haryana, On 28th & 29th April 2025

Dr. Shikha Tiwari

- Attended NEP 2020 Orientation and Sensitization Programme from 18/03/25 to 27/03/25 organized by Assam University and BBAU Lucknow.
- Dr. Shikha Tiwari presented paper on 'Role of Teacher in Implementing NEP2020', at National Seminar on "*उच्चशिक्षा में राष्ट्रीय शिक्षा नीति* 2020 *के सफल क्रियान्वयन में शिक्षकों की भूमिका*" organized by KMCLU Luckow on 1st October 2024.
- Dr. ShikhaTiwari presented paper on 'Exploring Psychological Hardiness among Prospective Teachers: A Pathway to Resilience', at ICSSR sponsored International Seminar on "Mental Health and Wellbeing of Youth towards Realization of the dream of Viksit Bharat" at Department of HDFS, Babasaheb Bhimrao Ambedkar University on 13th and 14th February 2025.
- Dr. Shikha Tiwari presented paper on 'The Influence of Digital Addiction on Adolesents Socialization Patterns', at International Conference on "Global Issues in Multidisciplinary Research for a Digital Future" at CSJMU Kanpur on 16th to 18th February 2025.
- Dr. Shikha Tiwari presented paper on 'The role of psychological hardiness in Enhancing Professional development of Teacher Educators', at IATE sponsored Annual national Conference on "Reshaping Teacher Education Program: Making the Future Teacher" at Department of Education, Guru Ghasi Das University, Bilaspur on 20th to 22nd February 2025.
- Dr. Shikha Tiwari presented paper on 'Dr. Ambedkar's Contribution for Nation Building', at National Seminar on "Babasaheb's Concept of Nation Building and Constitutional Commitments" organized by SOC, Babasaheb Bhimrao Ambedkar University on 13th and 14th April 2025.
- Dr. Shikha Tiwari Seminar conducted on the topic "*शिक्षाकाभारतीयकरण: परंपराऔरआधुनिकताकासमन्वय*" on February 28th, 2025 in Department of education, BBAU Lucknow.

Dr. Meena Vishweshwar Rakshe

- Participated in two days National Seminar (Hybrid Mode) on "Convergence of Regular, Online & ODL Modes and Technology Integration in Higher Education" organized by Centre for Distance and Online Education Kurukshetra University, Kurukshetra & Vidya

Bharti Uchcha Shiksha Sansthan, Haryana Sponsored by ICSSR, North-Western Regional Centre, Chandigarh. It held on March 6-7, 2025, presented research paper title "Digital Pathways to Inclusion: Leveraging Online and Digital Education (ODL) And E-Learning Tools for A Diverse Learning Experience"

- Participated two days National Seminar (Hybrid Mode) on "Impact of NEP 2020 on Quality of Education in Viksit Bharat" Sponsored by Indian Council of Social Science Research, New Delhi, Organized by Department of Education, Sitapur Shiksha Sansthan, Kanwakhera, Resora-Sitapur (U.P.) held on 22 & 23rd March, 2025, presented research paper title "Bridging Nations, Shaping Futures: NEP 2020's Vision for a New Era of Globalizing Higher Education"
- Participated one day National Seminar (Hybrid Mode) on "Educational Scenario in India: Challenges and Prospects in the Era of Globalization" held on 22 March, 2025. Jointly Organized by IQAC of Sharan College of Education for Women Kangra (H.P.) (Affiliated to HP University Shimla) & Centre for Professional Development (CPD) R&D Cell, NIILM University Kaithal, Haryana, presented research paper title "Innovative Educational Approaches for the Upliftment of Tea Garden Workers' Children"
- Participated "20th National Seminar on Effects of Yoga and Naturopathy on Muscular System" in Department of Yoga, Faculty of Yoga and Alternative Medicine, University of Lucknow, presented paper title "Effect of Yoga on Mascular System"
- Participated "International Conferences on Research and Innovations" 8-9 November 2024, in "International Scientific Research Association", Bangkok, Thailand, presented paper titled "Pedagogy for School Education: NEP 2020"
- Participated "International Conferences on Holistic Education Reforms: Creating Synergy between NEP- 2020" in Counseling and Psychometric Assessments, Department of Education, Gujarat University, presented paper titled "Role of Educational Psychology in School".

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Raj Sharan Shahi

- Meenakshi Pandey has enrolled for a Ph.D. with the thesis titled "A Study of Dharampal's Educational Contribution in the Light of Indian Knowledge System"
- Nutan Sukanya has enrolled for a Ph.D with the thesis titled "माध्यमिक स्तर के जनजातीय विद्यार्थियों की अभिवृत्ति एवं व्यावसायिक आकांक्षा परपारंपरिक–ज्ञान आधारित एसटीईएम शिक्षा मॉड्यूल के प्रभावका अध्ययनश
- Sankar Bairagi has enrolled for a Ph.D. with the thesis titled "A Study of Vocational Attitude Maturity, Career Risk-Taking Behaviour and Self-Motivation Among Secondary School Students"

Prof. Harishankar Singh

- Riya Sharma has enrolled for a Ph.D. with the thesis titled "EFFECT OF YOGIC PRACTICES ON EMOTIONAL INTELLIGENCE AND SELF CONCEPT OF SECONDARY SCHOOL STUDENTS"
- Savitrir Kachhap has enrolled for a Ph.D. with the thesis titled "EFFECT OF CONSTRUCTIVIST APPROACH ON ACHIEVEMENT IN MATHEMATICS AT SECONDARY LEVEL"
- Rashmi has enrolled for a Ph.D. with the thesis titled "A STUDY OF ATTITUDE TOWARDS EXPERIENTIAL LEARNING AMONG TEACHER TRAINEES"
- Sunanda Singh has enrolled for a Ph.D. with the thesis titled "A STUDY OF EXPECTANCY-VALUE OF LEARNING ENGLISH, SELF-ESTEEM AND

ACHIEVEMENT IN ENGLISH AMONG SECONDARY SCHOOL STUDENTS"

- Rani Singh has enrolled for a Ph.D. with the thesis titled "EFFECT OF VALUE BASED INTERVENTION PROGRAM ON ACADEMIC STRESS AND EMOTIONAL INTELLIGENCE AMONG MIDDLE SCHOOL STUDENTS"
- Biswajit Sarkar has enrolled for Ph.D.

Dr. B. S. Gupta

- Mrityunjay Kumar has enrolled for a Ph.D with the thesis titled "उच्च प्राथमिक स्तर के विद्यार्थियों के आत्म–नियन्त्रण, समस्या–समाधान एवं सामाजिक व्यवहार पर यौगिक क्रियाओं के प्रभाव का अध्ययनश
- Mohini Sankhwar has enrolled for a Ph.D. with the thesis titled "EFFECT OF MOBILE PHONE AND INTERNET USAGE ON ACADEMIC PROCRASTINATION AND SOCIAL BEHAVIOUR AMONG UNDERGRADUATE STUDENTS"
- Shikha Singh has enrolled for a Ph.D. with the thesis titled "EFFECT OF EXPERIENTIAL LEARNING ON PROBLEM-SOLVING AND ACADEMIC ACHIEVEMENT AMONG MIDDLE SCHOOL STUDENTS"

Dr. Subhash Misra

- Neha Chaudhary has enrolled for a Ph.D. with the thesis titled "Multidisciplinary Research in Indian Universities with special reference to Research Trends Across the Discipline".

Dr. Victoria Susan Ijjina

- Himanshi Agnihotri has enrolled for a Ph.D. with the thesis titled "A STUDY OF METACOGNITIVE AWARENESS, EMOTIONAL MATURITY AND PURPOSE IN LIFE OF PROSPECTIVE TEACHERS".
- Nishtha Pandey has enrolled for a Ph.D. with the thesis titled "INDIAN ETHOS AND EUDAIMONIC WELL-BEING OF ADOLESCENTS".
- Shreyahas enrolled for a Ph.D with the thesis titled "MICRO-CREDENTIALS WITH SPECIAL REFERENCE TO NEP 2020: PERCEPTION OF STUDENTS OF HIGHER EDUCATION".

Dr. Sangeeta Chauhan

- Sonu Bara has enrolled for a Ph.D. with the thesis titled "RESEARCH CULTURE IN TEACHER EDUCATION INSTITUTIONS: A CRITICAL ANALYSIS".
- Michael TaranceSuraj has enrolled for a Ph.D with the thesis titled "EXPLORING THE STATUS OF MINORITY SCHOOLS IN JHARKHAND".

Dr. Rajesh Ekka

- Anees Ahmad Khanhas enrolled for a Ph.D with the thesis titled "माध्यमिक स्तर पर अध्ययनरत् विद्यार्थियों में निहित हिन्दी भाषा कौशलों के अनुप्रयोग का विश्लेषणात्मक अध्ययन".
- Sanjoy Sing has enrolled for a Ph.D with the thesis titled "A STUDY ON EARLY CHILDHOOD CARE AND EDUCATION AMONG MUNDA TRIBE IN JANGAL MAHAL OF WEST BENGAL".

Dr. Lalima

- Radha Rani has enrolled for a Ph.D with the thesis titled "EFFECT OF MUSIC INTEGRATED TEACHING PROGRM ON THE MEMORY AND ATTENTION OF PRIMARY SCHOOL STUDENTS".

- Moromi Hajonghas enrolled for a Ph.D with the thesis titled "IMPACT OF GAME-BASED LEARNING ON MATHEMATICS ACHIEVEMENT AMONG HAJONG TRIBAL STUDENTS".

Dr. Vivek Nath Tripathi

- Ankit Kumar has enrolled for a Ph.D with the thesis titled "संवेगात्मक क्षमता के विभिन्न स्तरों के विद्यार्थियों के आदर्श–आत्म, मूलप्रवृत्ति एवं आत्म–सामर्थ्य का अन्वेषणात्मक अध्ययनश्ण

Dr. Shikha Tiwari

- Priya Sharma has enrolled for a Ph.D with the thesis titled "PSYCHOLOGICAL HARDINESS AND SOCIAL INTELLIGENCE IN RELATION TO PROFESSIONAL COMMITMENT AND COMPETENCY AMONG PROSPECTIVE TEACHERS".

Dr. Meena Visheshwar Rakshe

- Kamalini Royhas enrolled for a Ph.D with the thesis titled "EDUCATIONAL ASPIRATION AND ACHIEVEMENT MOTIVATION OF THE CHILDREN OF TEA GARDEN WORKERS IN JALPAIGURI DISTRICT OF WEST BENGAL".

8.3.5.2 Ph.D. Awarded

Prof. Harishankar Singh

- Ph.D awarded to Avanish Kumar on the thesis titled "बदलते सामाजिक परिवेश में मुसहर समुदाय जातिः एक शैक्षिक–सामाजिक अध्ययन (Musahar Community in Changing Social Scenario: An Educational- Social Study)"
- Ph.D awarded to Rahul Balmiki on the thesis titled "Access, Retention and Educational Socialization of Schedule Caste and Schedule Tribe students: A Case Study of two Central Universities of India"

Dr. Subhash Misra

- Ph.D awarded to Komal Shukla on the thesis titled "A STUDY OF TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE AMONG ENGLISH PEDAGOGY TEACHER TRAINEES OF SECONDARY LEVEL"
- Ph.D awarded to Navneeta Tripathi on the thesis titled "LEADERSHIP AND PROFESSIONAL CAPACITIES AMONG TEACHER TRAINEES OF SECONDARY LEVEL"
- Ph.D awarded to Zaffer Iqbal on the thesis titled "PREFERENCES AND PATTERNS OF EDUCATION AMONG GUJJAR PASTORALISTS IN JAMMU REGION: A CASE STUDY OF RAJOURI DISTRICT"

Dr. Victoria Susan Ijjina

- Ph.D awarded to Srinivas Azad on the thesis titled "A STUDY OF ENVIRONMENTAL AWARENESS AND PRO-ENVIRONMENTAL BEHAVIOUR OF SECONDARY SCHOOL STUDENTS"

Dr. Sangeeta Chauhan

- Ph.D awarded to Shashwat Kumar on the thesis titled "A STUDY OF TEACHING-LEARNING AND EVALUATION PRACTICES IN HIGHER EDUCATION INSTITUTIONS OF UTTAR PRADESH."

Dr. Rajesh Ekka

- Ph.D awarded to Kumari Jyoti on the thesis titled "THE SOCIO-ECONOMIC EMPOWERMENT OF WOMEN THROUGH SELF-HELP GROUPS: A STUDY OF BIHAR."

Dr. Lalima

- Ph.D awarded to Jaya Shukla on the thesis titled "IMPACT OF INTERVENTION PROGRAM ON THE ATTITUDE OF SECONDARY GIRLS' STUDENTS TOWARDS STEM EDUCATION."

Dr. Vivek Nath Tripathi

- Ph.D awarded to Sonali Jaiswali on the thesis titled "STUDENTS WITH DISABILITIES AND BULLYING: A STUDY
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8.3.6 Projects/Consultancy/and any other

Prof. Raj SharanShahi

- *प्राचीन भारत में शिक्षा के अंतरराष्ट्रीयकरण में बौद्धशिक्षा का योगदान* Funded By ICHR
- एशिया के शैक्षिक विकास में बौद्ध आचार्यों का योगदान A minor Research Project *Funded By*UGC.

Dr. Subhash Mishra

- Dr. Subhash Misra, Project Director, Short-term Empirical Research Project (Individual) entitled "An Analysis of Effectiveness of Beti Bachao Beti Padhao (BBBP) Programme to Save, Educate and Empower the Girl Child in Uttar Pradesh" Amount Rs. 4,50,000/ (Report evaluated and successfully submitted the final report)
- Dr. Subhash Misra, Co-Project Director in ICSSR funded Project titled "Need Assessment of Massive Online Open Courses (MOOCS) for SWAYAM Platform of Higher Education" Amount Rs. 9,82,000/

Dr. Sangeeta Chauhan

- Dr. Sangeeta Chauhan running Minor project entitled "Development of Instructional Package to Inculcate Life Skills Education at Eklavya Model Residential School (EMRS)" funded by Indian Council of Social Science (ICSSR)with grantofgrant-11Lakhsforoneyear (w.e.f01.04.2025)

Dr. ShikhaTiwari

- Dr. Shikha Tiwari, Project Director, Minor research Project sponsored by ICSSR new Delhi on the topic 'Need Assessment of Massive Open Online Courses (MOOCs) for SWAYAM Platform of Higher Education'.

8.3.7 Award & Recognition (National/International)/and any other Academic Achievements

- Patent awarded to Dr. Victoria Susan Ijjina, titled "DIGITAL EDUCATION TRAINING DEVICE", Design no-444124-001, Published date 25.04.25

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	36
2.	Total number of journal publications by Department (International)	15
3.	Total number of publications in conference proceedings	01

4.	Total number of workshops/conferences/seminars/etc organized by Department	03
5.	Total number of PhD degree awarded by Department	10
6.	Total number of PG students	66
7.	Total number of UG students	227
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	11
10	Total number of Award and Medals	NIL
11	Total number of Patents/copyright filed/granted	01
12	Total number of sponsored research project sanctioned	05
13	Total number of consultancy projects sanctioned	NIL
14	Total number of MOOCs courses developed	NIL
15	Total number of MOOCs courses completed by students	01
16	Total number of students qualifying National level examinations	15
17	Total number of total number of students opted for higher studies	17

School of Home Science

1. **Introduction**

The School of Home Science is a distinguished institution dedicated to enhancing quality of life through a multidisciplinary approach to education and research. Our mission is to foster academic excellence and promote societal well-being, reflected in our diverse and comprehensive programs designed to equip students with the skills necessary to tackle contemporary challenges. Our academic offerings include postgraduate programs in Human Development & Family Studies, Food & Nutrition and Food Science & Technology along with Ph.D. programs in various specializations of Home Science. The school is working as an important centre of learning and disseminating knowledge across various domains.

To meet the evolving needs of our students, the infrastructure is being continuously upgraded providing state-of-the-art facilities for academic and extracurricular activities. Extensive amenities for organising and participation in cultural activities, community outreach, workshops, and seminars. Our vibrant Student's Council organizes cultural functions, empowering students with leadership qualities and opportunities to showcase their talents.

The excellence of our curriculum and the dedication of the faculty members have established the School of Home Science as a leading centre for education, research, and community extension. Our alumni hold esteemed positions in private and government organizations, a testament to the quality of our education. We are devoted to nurturing creative and critical thinking, fostering innovation, and preparing our students with global skills for entrepreneurship and professional proficiency.

2. **Number of Departments -** 02 (Two)

   i. Department of Human Development & Family Studies
   ii. Department of Food and Nutrition

3. **Number of Faculty in the Department of HDFS** – 06 (Six), [01 on Deputation, 01 on lien]

4. **Special highlights of the school**

The faculty members of the school are active in research with publications in reputed journals, with indexing in Scopus, Web of Science, PubMed etc. Excellent contribution in the field is also evident through patents & copy rights granted to the faculty members. The school also organise lecture series regularly delivered by luminaries of the field to enrich the student's knowledge for their vivid exposure.

The flagship programmes of MHRD along with **Vikshit Bharat @ 2047** is celebrated extensively by the students and faculty members of the school significantly by organising lecture's, Skill Development Programmes, Entrepreneurship Melas, Academic Activities and other Competitions.

5. **Citation-index of School**

Total Citation-index of School -

- Citation - 1668
- h-index - 43
- i10-index - 44

Department of Human Development and Family Studies

About the Department

The Department of Human Development and Family Studies (HDFS) is dedicated to the holistic study of human growth, development, and family dynamics across the life span. It offers undergraduate, postgraduate, and doctoral programs that combine theoretical knowledge with practical exposure, research, and community engagement. The department emphasizes interdisciplinary learning, field-based training, and extension activities to prepare students for professional and academic excellence.

Strengths

- Experienced and research-oriented faculty with interdisciplinary expertise.
- Strong student–teacher ratio enabling personalized mentoring.
- Well-structured programs at UG, PG, and Ph.D. levels with CBCS.
- Active engagement in research, publications, and projects.
- Regular organization of seminars, workshops, extension, and outreach activities.
- Strong alumni network with placement in academia, NGOs, and development sectors.

Next Year Plan (2025-26)



- Introduce new value-added/certificate courses aligned with NEP-2020.
- Strengthen industry–academia collaborations for student internships and research.
- Enhance ICT-enabled learning resources and smart classroom facilities.
- Expand research projects through national and international funding agencies.
- Organize more national seminars, FDPs, and skill-development programs.
- Establish stronger community outreach and extension services.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum framed as per UGC/ICAR guidelines.
- Regular revision and updating of curriculum through Board of Studies (BoS).

- CBCS and NEP-2020 principles incorporated.
- Inputs from stakeholders (students, alumni, industry experts).

1.2 Curricular Planning and Implementation

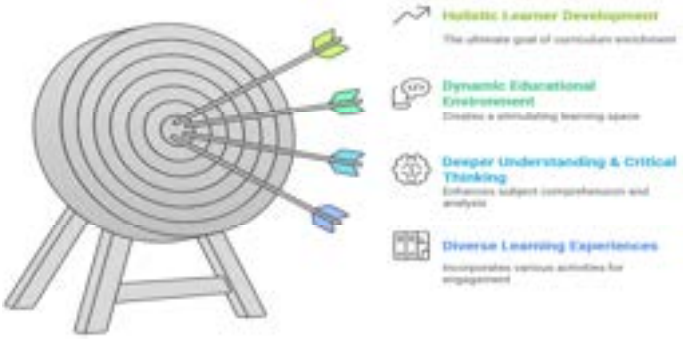
- Academic calendar followed strictly.
- Detailed teaching plans prepared by faculty.
- Continuous monitoring of course delivery.
- Use of ICT-based tools for effective teaching.

1.3 Academic Flexibility



- CBCS-based curriculum with elective choices.
- Open electives available across departments.
- Provision for interdisciplinary learning and skill enhancement.

1.4 Curriculum Enrichment



- Value-added courses and skill development workshops conducted.
- Life skills, gender sensitization, and environmental awareness integrated.
- Extension and outreach programs linked to curriculum.

1.5 Feedback System

- Structured feedback mechanism from students, alumni, employers, and faculty.
- Action Taken Reports prepared after each feedback cycle.
- Feedback utilized for curriculum improvement.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Admission through university norms ensuring equity and diversity.
- Representation from different states and socio-economic backgrounds.
- Reservation policies implemented.

2.2 Catering to Student Diversity



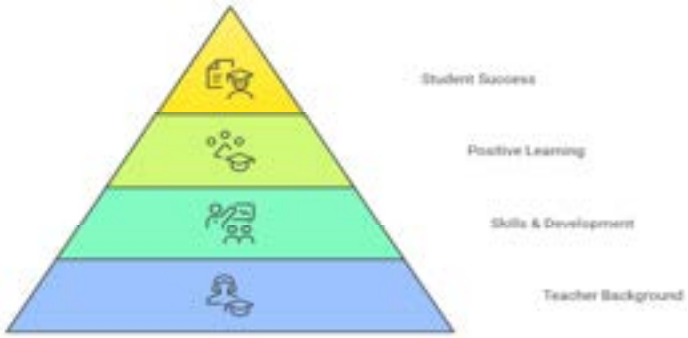
- Bridge courses for first-year entrants.
- Remedial classes for slow learners.
- Advanced learners provided with research exposure and additional projects.

2.3 Teaching–Learning Process



- Learner-centered teaching with group discussions, case studies, role play.
- Blended learning with ICT integration.
- Experiential learning through fieldwork and extension activities.

2.4 Teacher Profile and Quality



- Qualified faculty with Ph.D. degrees.
- Faculty actively engaged in research, publications, and projects.
- Participation in FDPs, orientation, and refresher courses.

2.5 Evaluation Process and Reforms



- Continuous internal assessment (CIA).
- Transparent examination system with moderation and revaluation.
- Online evaluations incorporated during pandemic.

2.6 Student Performance and Learning Outcomes



- PO/CO/PSO clearly defined and mapped.
- Learning outcomes assessed through assignments, projects, and viva-voce.
- Improved placement and higher studies records.

2.7 Student Satisfaction Survey

- Regular SSS conducted.
- Analysis used for improving teaching quality and facilities.

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research



- Research projects funded by ICSSR, ICAR, and other agencies.
- Internal funding support for faculty and research scholars.

3.2 Innovation Ecosystem

- Student projects linked to community-based research.
- Entrepreneurship and skill-based training promoted.

3.3 Research Publications and Awards



- Faculty publications in peer-reviewed and UGC CARE journals.
- Books and book chapters authored.
- Recognition and awards for research excellence.

3.4 Extension Activities

- Regular community outreach and awareness programs.
- Health, nutrition, and child development initiatives.
- Collaboration with NGOs and government agencies.

3.5 Collaboration

- MoUs with academic institutions and NGOs.
- Collaborative projects and seminars organized.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Well-equipped classrooms and laboratories.
- Smart class facilities.
- Departmental library with updated resources.

4.2 Library as Learning Resource

- Access to e-resources through INFLIBNET, e-Shodh Sindhu.
- Updated textbooks, journals, and reference materials.

4.3 IT Infrastructure

- Wi-Fi enabled campus.
- ICT-based teaching facilities.
- Online learning resources integrated.

4.4 Maintenance of Campus Infrastructure

- Annual maintenance contracts (AMC) in place.
- Regular audits of physical and digital infrastructure.

5. Student Support and Progression



5.1 Student Support

- Scholarships for SC/ST/OBC and minority students.
- Financial support for research scholars.

5.2 Capacity Building and Skill Enhancement

- Training in communication, ICT, soft skills.
- Certificate courses for employability enhancement.

5.3 Student Progression

- Students pursuing higher education (PG/Ph.D.).
- Alumni placed in academia, NGOs, and government services.

5.4 Alumni Engagement

- Active alumni association.
- Alumni contribution in seminars, placements, and mentoring.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision aligned with university goals.
- Faculty actively involved in decision-making and committees.

6.2 Strategy Development and Deployment

- Strategic planning for academic and research growth.
- Regular monitoring of departmental activities.

6.3 Faculty Empowerment Strategies

- Opportunities for faculty development programs.
- Support for attending conferences and workshops.

6.4 Financial Management and Resource Mobilization

- Transparent budgeting and resource allocation.
- Efforts to mobilize funds through research projects.

6.5 Internal Quality Assurance System

- IQAC guidelines followed.
- Regular audits and self-assessment reports.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Gender sensitization programs.
- Environmental sustainability initiatives.

7.2 Best Practices

- Community-based extension and outreach programs.
- Student mentoring and counselling system.

7.3 Institutional Distinctiveness

- Strong integration of research, extension, and teaching.
- Focus on inclusive and sustainable development practices.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Sunita Mishra**
  Professor (On Deputation for 03 years)
  Specialization: Food & Nutrition
  Qualifications: M.Sc., Ph.D., Doctors of Letter, Diploma in French

- **Dr. U.V. Kiran**
  Professor
  Dean, School of Home Science
  Specialization: Resource Management & Consumer Sciences
  Qualifications: M.Sc., Ph.D.

- **Dr. Neetu Singh**
  Professor
  Specialization: Food & Nutrition
  Qualifications: M.Sc., Ph.D.

- **Dr. Shalini Agarwal**
  Professor
  Head, Human Development & Family Studies
  Specialization: Family Resource Management
  Qualification: M.Sc., Ph.D.

- **Dr. Khwairakpam Sharmila**
  Assistant Professor (On Lien)
  Specialization: Human Development and Family Studies
  Qualifications: M.Sc., Ph.D.

- **Dr. Priyanka Shankar**
  Assistant Professor
  Specialization: Food and Nutrition
  Qualifications: M.Sc., Ph.D.

8.2 Various Positions held in & out the Institution –

8.3 Research Publications

8.3.1 Research Articles

Prof. U.V Kiran

- Paper titled "Exploring Upper Limb Discomfort due to Smartphone usage and internet addiction across age groups: A Scientific Exploration" by Sangeeta Singh, U.V. Kiran, Shikha Gautam and R. Dileep Kumar, published in the journal "Journal of Informatics education and research" with ISSN: 1000-6052, 2025
- Paper titled "Prevalence of smart phone usage habit and its association with symptoms of hand discomfort" by Sangeeta Singh, U.V. Kiran, Shikha Gautam published in the journal "Hill Quest" with ISSN: 2454-3144/ 2025.
- Paper titled "An exploratory study of Teacher's Knowledge and the development of phonological awareness skills in kindergarten children" by / Prakriti Singh, U V Kiran, Neha Rawat and Savita Mishra published in the journal "Shodh Drishti" with ISSN: 0976-6650/ 2025.
- Paper titled "Emotional Regulation and Mental Health among ageing populations: Pathways to healthy ageing" by Nisha Raj, U. V. Kiran and Shikha Gautam published in the journal "ShodhKosh: Journal of Visual and Performing Arts" with ISSN: 2582-7472/ 2024.
- Paper titled "Clinical Effects of Yoga and Meditational Practices on the Holistic Health of Chronic Kidney Disease Patients: A systematic Review" by Gautam Shikha and Kiran U.V. published in the journal "Cureus Journal of Medical Sciences indexed in Springer Nature & PubMed, DOI:10.7759/Cureus.57546 with e-ISSN2168-8184.

Prof. Neetu Singh

- Km, A., Sagar, P., &Singh, N. (2025). Efficacy of Lemongrass into Coffee Powder for the

Development of Cappuccino. Asian Journal of Food Research and Nutrition, 4(1), 226-234.

- Yadav, A., Singh, N., & Nanda, A. (2025). Association between Family Sociodemographic Characteristics and Anthropometric Measurements of Preschool Children in Nagram, Lucknow, India. Advances in Research on Teaching, 26(2), 275-289.
- Sathyavathi, P., Singh, N., & Singh, A. (2024). Knowledge Regarding Anaemia and Its Impact on Adolescent Girls of the Kolam Tribe; A Cross-Sectional Study. A Cross-Sectional Study (August 21, 2024). Journal of Complementary and Alternative Medical Research.
- Azhar, M., Singh, N., & Nanda, A. (2024). Proximate and Functional Characterization of Developed Malabar Tamarind (Garcinia cambogia) Paste. Current Journal of Applied Science and Technology, 43(12), 81-88.
- Raj, T., Singh, N., & Nanda, A. (2024). Optimizing Nutritional Content in Fortified Rice Cake: Phytochemical and Sensory Evaluation. Current Journal of Applied Science and Technology, 43(9), 67-77.
- KP, A. K. S., Singh, N., & Sagar, P. (2024). Formulation and Optimization of Chia based Strawberry Jam: A Functional Food Innovation. Adarsh Krishna S, Singh, N., & Sagar, P. (2024). Formulation and Optimization of Chia-based Strawberry Jam: A Functional Food Innovation. Asian Journal of Food Research and Nutrition, 3(2), 381-389.
- Podhem, Y., Singh, N., Sagar, P., & Nanda, A. (2024). Development of Floral Based Fermented Drink with Mahua Flowers. Available at SSRN 5006110.
- Raj, T., Singh, N., & Nanda, A. (2024). Enhancing Nutritional Value: Formulation and Analysis of Rice Cake Enriched with Green Gram Pea. Asian Journal of Food Research and Nutrition, 3(3), 431-438.
- Azhar, M., Singh, N., & Nanda, A. (2024). Development and Organoleptic Evaluation of Malabar Tamarind (Garcinia cambogia) Paste. Asian Journal of Food Research and Nutrition, 3(3), 574-581.
- Panigrahi, S., Nanda, A., Sagar, P., &Singh, N. (2024). Characterization and standardization of a millet-based probiotic beverage via physicochemical and microbial analysis. Asian Journal of Food Research and Nutrition, 3(2), 371-380.
- Yadav, A., Singh, N., & Singh, A. (2024). Study on Correlation between Food Gap and Dietary Habits of Preschool Children in Nagram (Lucknow), India. Asian Journal of Food Research and Nutrition, 3(41140-1146).
- Chauhan, T., Singh, N., Sagar, P., & Nanda, A. (2024). Development of jelly cake and its sensory evaluation by using millet and AMLA. Asian Food Science Journal, 23(9), 44–56. https://doi.org/10.9734/afsj/2024/v23i9743

Prof. Shalini Agarwal

- Singh S, and Agarwal S. (2025). Exploring the Interplay Between Cognitive Emotion Regulation Strategies and Spiritual Beliefs.INSPA Journal of Applied and School Psychology, January, Vol VI, Special Issue, 393-404.
- Singh S. and Agarwal S. (2024). Gender-based comparative analysis of life skills Acquisition: An Exploratory Pilot Study in Government Shelter Home. INSPA Journal of Applied and School Psychology, October, Vol VI (01), 33-42.
- Saxena S, Agarwal S. and Khwairakpam S. (2024). Severity of Insomnia among Adolescents and Young Adult Females: A Comparative Study. Bulletin of Environment, Pharmacology and Life Sciences. Vol.13 (3), 277-282.
- Singh S. and Agarwal S. (2024). Empowering Individuals for a Sustainable Tomorrow: Role of Life Skills Development. Journal of Eco physiology and Occupational Health. June Vol 24(2) 211-219, ISSN (e)-072-4397.

- Saxena S, Agarwal S. and Khwairakpam S. (2024). Screening of Adolescents and Young Adult Females Suffering from Polycystic Ovary Syndrome: A Comparative Study. Bulletin of Environment, Pharmacology and Life Sciences. Vol.13 (3), 277-282.

Dr. Khwairakpam Sharmila

- Rastogi, Purnima & Sharmila, Khwairakpam(2024) An Analysis of Social Support and Mental Health of Elderly: A Pilot Study. African Journal of Biomedical Research, 27(3S), 7221-7228. ISSN no. 1119-5096. Scopus Indexed & Web of Science
- Rastogi, Purnima & Sharmila, Khwairakpam (2024). A Cross- sectional Analysis of Spirituality and Mental Health among Elderly in Lucknow City. Frontiers in HealthInformatics, 13 (8) 1513-1525 ISSN-Online: 2676-7104. Scopus Indexed

Dr. Priyanka Shankar

- Shailesh Kumar, Priyanka Shankar Utilization of Fruits and Vegetables Processing Wastes into Food Products: A Descriptive Review. International Journal of Reviews and Research in Social Sciences. 13(1): January – March, 2025
- Devi, Madhu, And Priyanka Shankar. 2024. "Understanding Salt Consumption Patterns and Health Risks: A Study Among Young Adults in Lucknow". Asian Journal of Food Research and Nutrition 3 (4):997-1006
- Shreya Arya And Priyanka Shankar Study on Organoleptic Evaluation of The Barnyard Millet Muffins International Journal of Research Publication and Reviews, Vol 5, No 9, Pp 806-812 September 2024
- Shreya Arya, Priyanka Shankar. Nutritional And Shelf-Life Analysis of the Barnyard Millet International Journal of All Research Education and Scientific Methods (Ijaresm), Issn: 2455- 6211, Volume 12, Issue 9, September-2024
- Anandhu A, Priyanka Shankar Development of Dry Moringa Chutney Powder and Proximate Analysis Jetir January 2025, Volume 12, Issue 1
- Anandhu A, Priyanka Shankar Sensory Evaluation of Dry Moringa Chutney Powder.IJCRT Volume 12, Issue 9 September 2024
- Anushka Chand, Priyanka Shankar Understanding Youth Awareness of Food Fortification in Lucknow City: A Cross- Sectional Study Jetir January 2025, Volume 12, Issue 1
- Chand, Anushka, And Priyanka Shankar. 2025. "Youth Preferences of Fortified Products in Lucknow City in India: Exploring Consumption Pattern and Barriers". Asian Journal of Food Research and Nutrition 4 (1):168-74. Https://Doi.Org/10.9734/Ajfrn/2025/V4i1234.
- Koushik Ghosh, Priyanka Shankar Physicochemical Analysis Aloevera and Citrus Essential Oil as Coating Material to Enhance Shelf Life of Strawberries TIJER January 2025, Volume 12, Issue 1
- Koushik Ghosh, Priyanka Shankar Microbial Analysis of Coated Strawberry Samples Using Aloe Vera Gel and Citrus Essential Oil IJIRT | Volume 11 Issue 8 |2025
- Ch. Nv Srikanth Reddy, Priyanka Shankar. Nutritional Evaluation of University Hostel Foods in Lucknow International Journal of Research Publication and Reviews, Vol (6), Issue (1), January (2025), Page – 2978-2983
- Kripa A K, Priyanka Shankar Proximate Analysis and Shelf-Life Evaluation of The Millet Based Nutritious Porridge Powder JETIR January 2025, Volume 12, Issue 1
- Saket Kumar Ranjan Priyanka Shankar Effect of Dehydration Method on Antioxidants and The Difference in Samples Shelf Life's When Treated in Different Temperatures JETIR July 2024, Volume 11, Issue 7
- Ch. Nv Srikanth Reddy, Priyanka Shankar. Dietary Preferences of University Hostel Inmates in Lucknow International Research Journal of Modernization in Engineering Technology and Science, Volume:06/Issue:08/August-2024

- Saket Kumar Ranjan, Priyanka Shankar Study on Physiochemical and Nutritional Properties of Tomato Powder Dried in Solar Dryer and Dehydrator International Journal of Research Publication and Reviews, Vol 5, No 7, Pp 1512-1517 July 2024

8.3.2 Books / Edited Books - Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. U.V Kiran

- Book chapter titled "Comprehensive Solution for the management of chronic kidney disease: Application of IoT-assisted technology" by Shikha Gautam and U.V. Kiran in the book titled "AIOT innovations in Digital Health: Energy Trends, Challenges & Solutions" published by CRC Press Taylor & Francis with ISBN: 9781032744414 DOI: 10.1201/9781003469896 in 2025 (page nos. 61-64).
- Book chapter "Enhancing Mobility with Accessibility of Assistive Tools for the Elderly" by Savita Mishra and U.V. Kiran in the book titled "Old Age: Final Stage of Life Span" published by Navya Book House with ISBN: 978-81-962865-9-0 in 2024 (page nos. 129-140).

Prof. Neetu Singh

- Singh, N., Nanda, A., Singh, A., Kumari, P., & Singh, T. Cutting-Edge Antimicrobials in Food Packaging Applications. In Environmental Sustainability and Biotechnology: Opportunities and Challenges" Springer Nature.

Dr. K. Sharmila

- Rajani Karnwal and Khwairakpam Sharmila (2024). Parenting Style and its Effect on Teenager's Self Esteem. In Parenting and Child Care: A challenge or an Opportunity by Dr. Sonali Kartik and Dr. Neetu Singh. Kunal Books Publisher and Distributors, 4648/21, First Floor, Ansari Road, Daryaganj, New Delhi 110002. ISBN: 978-93-6389-998-8

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof U.V Kiran

- Chairperson and Convenor, ICSSR Sponsored International Conference and Workshop on "Mental Health and well-being of Youth Towards realization of the dream of Viksit Bharat" organized by Dept. of Human Development and Family Studies, BBAU, Lucknow on 13th -14th February, 2025 in collaboration with Zoological Society of India and Bhartiya Shikshan Mandal (Awadh Prant).
- Chairperson, "Shodh Anandshala-Research writing and publication" organized by School of Home Science in collaboration with Bhartiya Shikshan Mandal (Awadh Prant) held from 09th august, 2024 to 23rd august, 2024.
- Chairperson, One Day Seminar on Time to Act on Dementia Time to Act on Alzheimer's to mark World Alzheimer's Day in the Department of Human Development and Family Studies, School of Home Science, BBAU on 24th September, 2024.
- Member, Organizing Committee, Silver Jubilee, 25th INDO-US Flow Cytometery workshop.
- Attended workshop on Vyas Puja and Shodh Anandshala held on 24/07/2024.

Prof. Neetu Singh

- Invited as Panelist in National Congress on Nutrition & Public Health (NCICON), held on 07th& 08th February 2025 organized jointly by the Nutrition Council of India &King

George Medical University (KGMU), Lucknow.

- Invited as Panelist in State Conclave on "Strengthening Quality in Fortified Rice Kernel & Premix Manufacturing" held on 18th December 2024, jointly organized by World Food Programme & Innovation Hub for Rice Fortification, IIT Delhi.
- Chair-Person in 15th National Conference in Health Professions Education on "Enhancing Patient Safety: Linking HPE with Healthcare" held on 21st-23rd November 2024 organized by ERA University & Era's Lucknow Medical College & Hospital, Lucknow.
- Invited Talk on "Rice Fortification & its Impact on Anaemia Prevention" held on 26th October 2024 organized by College of Community Science, Acharya Narendra Deva University of Agriculture and Technology (NDUAT) Ayodhya.
- Delivered a radio talk on "भारत के सतत्विकास लक्ष्यों संबंधी पोषण लक्ष्य और उनकी प्राप्ति के प्रयास" on 27th August 2024, at Akashwani Kendra Lucknow.

Prof. Shalini Agarwal

- Participated in International Conference on Mental Health and Wellbeing of Youth towards Realization of the Dream of Vikshit Bharat, organized by Department of Human Development and Family Studies, School of Home Science, BBAU, Lucknow, in association with Zoological Society of India and Bhartiya Shikshan Mandal, Awadh Prant held on 13th Feburary- 14th February, 2025.
- Convenor in One Day Seminar on Time to Act on Dementia Time to Act on Alzheimer's to mark World Alzheimer's Day in the Department of Human Development and Family Studies, School of Home Science, BBAU on 24th September, 2024.
- Participated in 15 days' Workshop on SHODANANDSHALA Research Paper Writing and Publication organized by Bhartiya Shikshan Mandal, Awadh Pranth and School of Home Science, BBAU, Lucknow from 9th August – 23rd August 2024.
- Attended workshop on Vyas Puja and Shodh Anandshala held on 24/07/2024.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Sunita Mishra

- Rajani Singh has enrolled for a Ph.D. with the thesis titled "A Comprehensive Study on Nutritional and Nutraceuticals aspects of Foods Fortified with Millets "Nutri-Cereals".
- Zia Parveen has enrolled for a Ph.D. with the thesis titled "Extraction & Characterization of Edible flowers and their potential application in food".
- Kuril Sanjeet Babulal "A Comparative Study of Dietary Pattern Provided to Prisoners and Suggestions for Better Prisoners Well-being".

Prof. U.V Kiran

- Ms. Shikha has enrolled for a Ph.D. with the thesis titled "Cognitive Dysfunction and Life Orientation among Chronic Kidney Disease Patients: An Interventional Study."
- Ms. Savita Mishra has enrolled for a Ph.D. with the thesis titled "Quality of Life of People with Locomotor Disabilities: An Interventional Study."
- Mr. Rishi Dixit has enrolled for a Ph.D. with the thesis titled "Social Media Exposure and Its Impact on Working Memory and Social Competence – An Interventional Study on Differently Abled."
- Ms. Vaishnavi Mishra has enrolled for a Ph.D. with the thesis titled "Workplace Contaminants: Assessing Health Risks of Lead and Microplastics among Unorganised Sector Workers."

- Ms. Shivangi Gupta has enrolled for a Ph.D., and her synopsis is currently under preparation.

Prof. Neetu Singh

- Alka Nanda enrolled for a Ph.D. with the thesis titled "A study on novel Bio composite Film integrated with Pickering Emulsion for Active Packaging application".
- Ayushi Singh enrolled for a Ph.D. with the thesis titled "Potential of Vegan Vitamin D2 formulation-based Food Supplement from Mushroom Waste: An Experimental Study".
- Prashant Sagar enrolled for a Ph.D. with the thesis titled "Enhancing Micronutrients Bioavailability in Soil Nutrition through Rhizobium Bacteria and Industrial Seed Waste".
- Tanya Singh enrolled for a Ph.D. with the thesis titled "Sustainability of Fortified Processed Food and Nutrient Stability - A Comparative Analysis".
- Puja Kumari enrolled for a Ph.D. with the thesis titled "Therapeutic validation of millet and protein based vegan supplement (MPVS) for preventing malnutrition in children".
- Saket Kumar Ranjan has enrolled for a Ph.D., and his synopsis is currently under preparation.

Prof. Shalini Agarwal

- Shivani Singh has enrolled for a Ph.D. with the thesis Life skill enhancement of adolescents residing in shelter homes.
- Smrti Singh has enrolled for a Ph.D. with the thesis Cognitive Emotion Regulation and Psychological Well-being among Abled and Differently Young Adults: An Interventional Study.
- Ms. Anjali Singh has enrolled for a Ph.D., and her synopsis is currently under preparation.
- Ms. Pooja has enrolled for a Ph.D., and her synopsis is currently under preparation.

Dr. Khwairakpam Sharmila

- Ms. Purnima Rastogi enrolled for a Ph.D. with the thesis titled "Socio-Cultural Determinant and Mental Health: A comparative study of urban and rural elderly"
- Ms. Rajani Karnwal enrolled for a Ph.D. with the thesis titled "Effect of Fine Motor Skills Intervention in Graphomotor Skills of Pre-school children"

Dr. Priyanka Shankar

- Ms. Hema Deupa enrolled for a Ph.D. with the thesis development of microencapsulated spirulina added chocolate as a functional food.
- Mr. Shailesh Kumar enrolled for a Ph.D. with the thesis Development of Millet based Functional Food Product Enriched with Dietary Fiber Concentrate Present in Fruits and Vegetables Wastes

8.3.5.2 Ph.D. Awarded

Prof. Sunita Mishra

- Ph. D awarded to M.A. Firdaus on the thesis titled "Trans-fat replacement by using Food Grade Edible Bigels" in 2024.
- Ph. D awarded to Deep Shikha on the thesis titled "Nutritional Assessment of Patients Undergoing Hemodialysis at Dialysis in Central Urban Lucknow".

Prof. U.V Kiran

- Ph. D awarded to Padmini Pandey on the thesis titled "Health Hazards among Painters: An experimental Study" in 2024.

- Ph.D. Ph. D awarded to Neha Rawat on the thesis titled “Explicit Phonological Awareness Training: An Interventional Study on Native Hindi Speaking children” in 2025.

Prof. Neetu Singh

- Ph. D awarded to Nidhi on the thesis titled “"An Interventional Study on Milk Exclusive Breastfeeding Practices and Barriers overcome through Nutritional Education” in 2024.

Dr. Khwairakpam Sharmila

- Ph. D awarded to Gayatri Prajapati on the thesis titled “Emotional and Mental Wellbeing of Elderly dependent on Assistive Devices” in 2024.
- Number of students completed their Master/Graduation/Diploma - 13
- Number of students selected in civil services (UPSC/UPPSC). - NIL
- Details of students selected for teaching in higher education. - 01
- No. of students pursuing higher studies. - 02
- Number of students selected on other government jobs/banking/school teaching etc. - 01
- Number of students awarded SLET/NET/JRF/any other fellowship - 03

8.3.6 Projects/Consultancy/and any other

Prof. U.V. Kiran

- Research Grant of Rs. 20,00,000.00/- for the project titled “Multisensory Environments and its impact on Memory Retrieval, Cognitive flexibility and Well-Being: An Interventional Research on Youth in Northern India” Sponsored by ICSSR, New Delhi” was granted in 2024.

Prof. Neetu Singh

- The first project, entitled "Leveraging the Capacities and Expertise of Parties to Mainstream Fortified Rice in the Government Food-Based Safety Net Systems" funded by the World Food Programme, United Nations, with a total grant of ₹19 lakhs, and is being implemented from June 2023 to December 2027, serving as Coordinator.
- The second project, entitled "Learning Initiative for Vitamin A & D Fortification Programming" funded by the Bill & Melinda Gates Foundation, Seattle, Washington, USA, with a total grant of USD 154,937 (approximately ₹1,34,42,671), covering the period from November 2024 to April 2028 (42 months), serving as a Co-Principal Investigator (Co-PI).

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof U.V. Kiran

- Prof. B.N. Pandey medal, 2025 by Zoological Society of India, 2025.
- Citation for Outstanding contribution in Human Resource Management by Zoological Society of India, 2025.
- Glory of India Award for the year 2025 for outstanding services achievements and contribution in educational excellence celebrating 25 years of Friendship Forum.
- Dr. K.K. Tyagi Gold Medal Awarded in recognition of valuable contribution to the cause of Environment in general, through the subject of Home Science, 2024
- Certificate of Appreciation was presented in recognition to invaluable support to the success of the WETLANDS FOR LIFE Film Festival & Forum, held on August 1-3, 2024

at Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh.

Prof. Shalini Agarwal

- Best Indian Golden Personalities Award of India for the year 2025, for outstanding services achievements and contribution in educational excellence celebrating 25 years of Friendship Forum.

Dr. Khwairakpam Sharmila

- Awarded Women Scientist Award on November 2024 for her outstanding contribution in the field of Human Development at 2nd International Agriculture Conference on Natural farming Innovation: Enhancing soil health and seed quality with AI and drones for greener agricultural future jointly organized by Gujarat Natural Farming Science University, Halol; Indian Society of Genetics and Plant Breeding, New Delhi; IARI, New Delhi; Indian Society of Agronomy New Delhi; Hindustan Agricultural Research Welfare Society, Agra; Southern Federal University, Russia; Cambridge International Agricultural Organization, CIAO; BHU, Varanasi; CIMMYT-India, New Delhi; ICARDA-India, New Delhi; Hansraj College, DU and D. Y. Patil Agriculture and Technical University, Kolhapur.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	25
2.	Total number of journal publications by Department (International)	07
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	04
5.	Total number of PhD degree awarded by Department	06
6.	Total number of PG students	16
7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	06
9.	Total number of students placed	04
10	Total number of Award and Medals	07
11	Total number of Patents/copyright filed/granted	02
12	Total number of sponsored research project sanctioned	03
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	09
17	Total number of total number of students opted for higher studies	04

Department of Food & Nutrition

About the Department

The Department of Food and Nutrition, established in 2020, offers postgraduate programs in Food & Nutrition and Food Science & Technology with an intake of 40 students each. The Department is dedicated to improving human health through innovative nutritional practices, food processing technologies, nutraceutical-based functional foods, and bakery innovations for both domestic and global markets. It integrates research, field visits, laboratory experiments, and co-curricular activities to ensure holistic student development.

Programmes Offered

- M.Sc. Food and Nutrition
- M.Sc. Food Science & Technology
- P.G. Diploma in Nutrition & Dietetics

Facilities Available

- Food Analysis Lab
- Microbiology Lab
- Bakery and Confectionary cum Food Processing Lab
- Smart Classroom
- Departmental Library
- Seminar Hall

Strengths of the Department

- Highly qualified faculty with national & international collaborations.
- Strong research ecosystem with funded projects from UN & Gates Foundation.
- Modern labs (Food analysis, Microbiology, Bakery/Processing).
- Active student participation in research and extracurriculars.
- Community-oriented nutrition awareness and extension.

Next Year Plan (2025–26)



- Establish formal Alumni Association for mentoring and networking.
- Introduce short-term certificate courses in Functional Foods, Dietetics, and Food Safety.
- Increase industry collaborations for internships and placements.
- Organize national seminar/conference on Nutraceuticals & Public Health.
- Strengthen international collaboration for joint research/publications.
- Enhance student research output by publishing in Scopus/SCI journals.

1. Curriculum Aspects

1.1 Curriculum Design and Development



- PG programmes: M.Sc. (Food & Nutrition), M.Sc. (Food Science & Technology), PG Diploma in Nutrition & Dietetics.
- Curriculum integrates laboratory experiments, internships, workshops, seminars, and research projects.
- Focus on functional foods, nutraceuticals, food processing, and bakery technology.

1.2 Academic Flexibility



- Choice-based PG courses.
- MOOC/SWAYAM courses integrated; students required to complete at least one MOOC before 3rd semester.

1.3 Curriculum Enrichment



Educational tours:

- Chandra Shekhar Azad University, Kanpur & Fortified Rice Kernel Producer (March 2025).
- Regional Food Research & Analysis Centre, Lucknow (Jan 2025).
- Exposure to food research facilities and fortified food industries.

1.4 Feedback System

- Students' feedback taken at the end of each semester.
- Answer sheets of sessional/exams shown to students to ensure transparency.

2. Teaching–Learning and Evaluation



2.1 Student Enrolment and Profile



- Intake: 40 PG students per course.
- M.Sc. Food Science & Technology (31 students in 2024-25).
- M.Sc. Food & Nutrition (19 students in 2024-25).

2.2 Catering to Student Diversity



- Students encouraged to pursue MOOCs according to individual learning needs.
- Support through departmental library and remedial mentoring.

2.3 Teaching–Learning Process



- ICT-enabled smart classrooms.
- Field visits, lab experiments, internships, and project-based learning.
- Co-curricular competitions: Poster, Slogan Writing, Rec
- ipe Contest, Rangoli, Quiz.

2.4 Teacher Profile and Quality



- Faculty strength: 01 Professor + 04 Resource Persons.
- All with Ph.D. in Food & Nutrition.
- Google Scholar profiles maintained (citations, h-index).

2.5 Evaluation Process and Reforms



- Transparent evaluation: answer sheets shown before final result submission.
- Internal assessments + practical evaluations.

2.6 Student Performance and Learning Outcomes



- Masters completed: 50 (2024-25).
- Higher studies: 05 students.
- Government jobs/teaching/others: 10 students.
- NET/SLET/JRF: 02 students.

2.7 Student Satisfaction Survey (SSS)

- Regularly collected via feedback forms and direct interaction with HOD.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Research labs (Food Analysis, Microbiology, Processing).
- Dissertation work for all PG students.

3.2 Resource Mobilization for Research



Ongoing Projects:

- Fortified Rice in Govt. Food Systems (World Food Programme, UN) – ₹19 lakhs.
- Vitamin A & D Fortification (Bill & Melinda Gates Foundation, USA) – ₹1.34 crore.

3.3 Innovation Ecosystem

- Faculty & student projects on nutraceuticals, functional foods, millet-based innovations.
- Tools: High-pressure sterilization, ultra-sonification, ohmic processing.

3.4 Research Publications and Awards



- 25 National + 07 International publications (2024–25).
- Book chapters published in Springer Nature, Kripa-Drishti Publications, Well Press.

3.5 Consultancy

- Paid Consultancy: NIL.
- Free Consultancy: NIL.

3.6 Extension Activities

- Awareness programmes via radio talks and invited lectures on nutrition, rice fortification, anemia prevention.

3.7 Collaboration

- MoUs: NIL.
- Collaborations through funded projects (WFP, BMGF, AIIMS, IIT Delhi).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Specialized labs and seminar hall for student learning.

4.2 Library as a Learning Resource

- Departmental library with reference books and journals.

4.3 IT Infrastructure

- ICT-enabled smart classroom.
- Students use online platforms for MOOCs, research, and projects.

4.4 Maintenance of Campus Infrastructure

- Regular lab and classroom maintenance supported by university.

5. Student Support and Progression



5.1 Student Support

- MOOC guidance and certification.
- Counseling for higher education and career progression.

5.2 Student Progression

- 05 pursuing higher studies.
- 10 employed in govt./private sectors.
- 02 qualified for NET/JRF.

5.3 Student Participation and Activities

- Cultural & academic competitions: Poster, Quiz, Rangoli, Recipe contest.

5.4 Alumni Engagement

- Formal Alumni Association: In progress.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: Improve public health and empower youth through food & nutrition education and innovation.

6.2 Strategy Development and Deployment

- Roadmap for functional foods, nutraceuticals, and global market research.

6.3 Faculty Empowerment Strategies

- Faculty encouraged for publications, invited lectures, MOOC development.
- Prof. Neetu Singh – multiple panellist/chairperson invitations nationally.

6.4 Financial Management and Resource Mobilization

- Research grants mobilized: ₹1.53 crore (WFP + BMGF).

6.5 Internal Quality Assurance System

- Student participation in evaluation process.
- Regular workshops/visits for quality enhancement.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Research addressing malnutrition, anemia, dietary education.
- Extension via community radio and awareness programmes.

7.2 Best Practices

- MOOC Integration – Mandatory online courses before 3rd semester.
- Functional Food Innovation – Faculty & students working on nutraceuticals, fortified foods, millet-based products.

7.3 Institutional Distinctiveness

- Strong linkage between academic curriculum and applied research.
- Contribution to government policies on rice fortification & nutrition security.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Sunita Mishra**
  Professor (On Deputation for 03 years)
  Specialization: Food & Nutrition

Qualifications: M.Sc., Ph.D., Doctors of Letter, Diploma in French

- **Dr. Neetu Singh**
  Professor
  Specialization: Food & Nutrition
  Qualifications: M.Sc., Ph.D.

- **Dr. Priyanka Shankar**
  Assistant Professor
  Specialization: Food and Nutrition
  Qualifications: M.Sc., Ph.D.

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Prof. Neetu Singh

- Km, A., Sagar, P., & Singh, N. (2025). Efficacy of lemongrass into coffee powder for the development of cappuccino. Asian Journal of Food Research and Nutrition, 4 (1), 226–234.
- Yadav, A., Singh, N., & Nanda, A. (2025). Association between family sociodemographic characteristics and anthropometric measurements of preschool children in Nagram, Lucknow, India. Advances in Research on Teaching, 26 (2), 275–289.
- Sathyavathi, P., Singh, N., & Singh, A. (2024). Knowledge regarding anaemia and its impact on adolescent girls of the Kolam tribe: A cross-sectional study. Journal of Complementary and Alternative Medical Research.
- Azhar, M., Singh, N., & Nanda, A. (2024). Proximate and functional characterization of developed Malabar tamarind (Garcinia cambogia) paste. Current Journal of Applied Science and Technology, 43 (12), 81–88.
- Raj, T., Singh, N., & Nanda, A. (2024). Optimizing nutritional content in fortified rice cake: Phytochemical and sensory evaluation. Current Journal of Applied Science and Technology, 43 (9), 67–77.
- Adarsh Krishna, S., Singh, N., & Sagar, P. (2024). Formulation and optimization of chia-based strawberry jam: A functional food innovation. Asian Journal of Food Research and Nutrition, 3 (2), 381–389.
- Podhem, Y., Singh, N., Sagar, P., & Nanda, A. (2024). Development of floral-based fermented drink with Mahua flowers. SSRN Electronic Journal. https://doi.org/10.2139/ssrn.5006110.
- Raj, T., Singh, N., & Nanda, A. (2024). Enhancing nutritional value: Formulation and analysis of rice cake enriched with green gram pea. Asian Journal of Food Research and Nutrition, 3 (3), 431–438.
- Azhar, M., Singh, N., & Nanda, A. (2024). Development and organoleptic evaluation of Malabar tamarind (Garcinia cambogia) paste. Asian Journal of Food Research and Nutrition, 3 (3), 574–581.
- Panigrahi, S., Nanda, A., Sagar, P., & Singh, N. (2024). Characterization and standardization of a millet-based probiotic beverage via physicochemical and microbial analysis. Asian Journal of Food Research and Nutrition, 3 (2), 371–380.
- Yadav, A., Singh, N., & Singh, A. (2024). Study on correlation between food gap and dietary habits of preschool children in Nagram (Lucknow), India. Asian Journal of Food Research and Nutrition, 3, 1140–1146.
- Chauhan, T., Singh, N., Sagar, P., & Nanda, A. (2024). Development of jelly cake and its

sensory evaluation by using millet and amla. Asian Food Science Journal, 23 (9), 44–56.(https://doi.org/10.9734/afsj/2024/v23i9743)

Dr. Priyanka Shankar

- Kumar, S., & Shankar, P. (2025). Utilization of fruits and vegetables processing wastes into food products: A descriptive review. International Journal of Reviews and Research in Social Sciences, 13 (1), January–March.
- Devi, M., & Shankar, P. (2024). Understanding salt consumption patterns and health risks: A study among young adults in Lucknow. Asian Journal of Food Research and Nutrition, 3(4), 997–1006.
- Arya, S., & Shankar, P. (2024). Study on organoleptic evaluation of the barnyard millet muffins. International Journal of Research Publication and Reviews, 5(9), 806–812.
- Arya, S., & Shankar, P. (2024). Nutritional and shelf-life analysis of the barnyard millet. International Journal of All Research Education and Scientific Methods (IJARESM), 12(9).
- Anandhu, A., & Shankar, P. (2025). Development of dry moringa chutney powder and proximate analysis. Journal of Emerging Technologies and Innovative Research (JETIR), 12(1).
- Anandhu, A., & Shankar, P. (2024). Sensory evaluation of dry moringa chutney powder. International Journal of Creative Research Thoughts (IJCRT), 12(9).
- Chand, A., & Shankar, P. (2025). Youth preferences of fortified products in Lucknow City in India: Exploring consumption pattern and barriers. Asian Journal of Food Research and Nutrition, 4(1), 168 174. https://doi.org/10.9734/ajfrn/2025/v4i1234
- Chand, A., & Shankar, P. (2025). Understanding youth awareness of food fortification in Lucknow City: A cross-sectional study. Journal of Emerging Technologies and Innovative Research (JETIR), 12(1).
- Ghosh, K., & Shankar, P. (2025). Physicochemical analysis of aloe vera and citrus essential oil as coating material to enhance shelf life of strawberries. The International Journal of Engineering Research (TIJER), 12(1).
- Ghosh, K., & Shankar, P. (2025). Microbial analysis of coated strawberry samples using aloe vera gel and citrus essential oil. International Journal of Innovative Research in Technology (IJIRT), 11(8).
- Reddy, C. N. S., & Shankar, P. (2025). Nutritional evaluation of university hostel foods in Lucknow. International Journal of Research Publication and Reviews, 6(1), 2978–2983.
- Kripa, A. K., & Shankar, P. (2025). Proximate analysis and shelf-life evaluation of the millet-based nutritious porridge powder. Journal of Emerging Technologies and Innovative Research (JETIR), 12(1).
- Ranjan, S. K., & Shankar, P. (2024). Effect of dehydration method on antioxidants and the difference in samples' shelf life when treated at different temperatures. Journal of Emerging Technologies and Innovative Research (JETIR), 11(7).
- Reddy, C. N. S., & Shankar, P. (2024). Dietary preferences of university hostel inmates in Lucknow. International Research Journal of Modernization in Engineering, Technology and Science, 6(8).
- Ranjan, S. K., & Shankar, P. (2024). Study on physicochemical and nutritional properties of tomato powder dried in solar dryer and dehydrator. International Journal of Research Publication and Reviews, 5(7), 1512–1517.

8.3.2 Books / Edited Books: Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Neetu Singh

- Singh, N., Nanda, A., Singh, A., Kumari, P., & Singh, T. Cutting-Edge Antimicrobials in Food Packaging Applications. In Environmental Sustainability and Biotechnology: Opportunities and Challenges" Springer Nature.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Neetu Singh

- Invited as Panelist in National Congress on Nutrition & Public Health (NCICON), held on 07th& 08th February 2025 organized jointly by the Nutrition Council of India &King George Medical University (KGMU), Lucknow.
- Invited as Panelist in State Conclave on "Strengthening Quality in Fortified Rice Kernel & Premix Manufacturing" held on 18th December 2024, jointly organized by World Food Programme & Innovation Hub for Rice Fortification, IIT Delhi.
- Chair-Person in 15th National Conference in Health Professions Education on "Enhancing Patient Safety: Linking HPE with Healthcare" held on 21st-23rd November 2024 organized by ERA University & Era's Lucknow Medical College & Hospital, Lucknow.
- Invited Talk on "Rice Fortification & its Impact on Anaemia Prevention" held on 26th October 2024 organized by College of Community Science, Acharya Narendra Deva University of Agriculture and Technology (NDUAT) Ayodhya.
- Delivered a radio talk on "*भारत के सतत्विकास लक्ष्यों संबंधी पोषण लक्ष्य और उनकी प्राप्ति के प्रयास*" on 27th August 2024, at Akashwani Kendra Lucknow.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Neetu Singh

- Alka Nanda enrolled for a Ph.D. with the thesis titled "A study on novel Bio composite Film integrated with Pickering Emulsion for Active Packaging application".
- Ayushi Singh enrolled for a Ph.D. with the thesis titled "Potential of Vegan Vitamin D2 formulation-based Food Supplement from Mushroom Waste: An Experimental Study".
- Prashant Sagar enrolled for a Ph.D. with the thesis titled "Enhancing Micronutrients Bioavailability in Soil Nutrition through Rhizobium Bacteria and Industrial Seed Waste".
- Tanya Singh enrolled for a Ph.D. with the thesis titled "Sustainability of Fortified Processed Food and Nutrient Stability - A Comparative Analysis".
- Puja Kumari enrolled for a Ph.D. with the thesis titled "Therapeutic validation of millet and protein based vegan supplement (MPVS) for preventing malnutrition in children".
- Saket Kumar Ranjan has enrolled for a Ph.D., and his synopsis is currently under preparation.

Dr. Priyanka Shankar

- Ms Hema Deupa enrolled for a Ph.D. with the thesis development of microencapsulated spirulina added chocolate as a functional food.
- Mr. Shaliesh Kumar enrolled for a Ph.D. with the thesis Development of Millet based Functional Food Product Enriched with Dietary Fiber Concentrate Present in Fruits and Vegetables Wastes

8.3.5.2 Ph.D. Awarded

Prof. Neetu Singh

- Ph. D awarded to Nidhi on the thesis titled ""An Interventional Study on Milk Exclusive

Breastfeeding Practices and Barriers overcome through Nutritional Education" in 2024.

8.3.6 Projects/Consultancy/and any other

Prof. Neetu Singh

- The first project, entitled "Leveraging the Capacities and Expertise of Parties to Mainstream Fortified Rice in the Government Food-Based Safety Net Systems" funded by the World Food Programme, United Nations, with a total grant of ₹19 lakhs, and is being implemented from June 2023 to December 2027, serving as Coordinator.
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8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
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7.	Total number of UG students	Nil
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11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	02
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	33
16	Total number of students qualifying National level examinations	2
17	Total number of total number of students opted for higher studies	3

School of Information Science & Technology

The School of Information Science and Technology was started since inception of the university. It is an important interdisciplinary faculty in the University, aims at developing as a centre of excellence, especially in the present-day information age and Information Technology. Presently, the School for Information Science & Technology has three departments i.e., Department of Library and Information Science, Department of Computer Science and Department of Information Technology which are dedicated to studies and research on the state of the art in their respective areas. All the three departments are running Post Graduate courses at the Masters level along with in their respective subjects and Ph.D. Programs.

Students in this school are motivated to field visits and educational tours which make them acquainted with the practical problems by observing them. Students of the school are made to attend conferences at both National and International level and give seminars on a regular basis.

This school is acting as a visionary response to the rapidly growing need in every field for the development of leadership especially in the field of Information Sciences and its related technologies. The school with its collaborative efforts in both education and research are producing new knowledge leading to advances in technology and thus helps in our understanding of the way IT is shaping our lives. Pass out students of this school are in high demand across a spectrum of fields. Our renowned faculty, a diverse group of thought, leads in numerous fields including Computer Science, Information Technology and Library & Information Science. Through their sustained efforts and expertise our faculty is jointly helping to guide students and Research Scholars. To gain expertise in the cone and relevant areas which are in demand by corporate sectors, Research and Academic Institution.

Programmes offered with intake:

- Computer Science
- Library & Information Science
- Information Technology
- **Programmes offered with intake: Department of Computer Science.**

S. No	Programmes	Duration	Intake
1	MCA*	2 Years	60
2	M. Tech (Computer Science)	2 Years	38
3	Ph. D (Computer Science)	3 Years	

- **Programmes offered with intake: Department of Library & Information Science.**

S. No	Name of Programme	Duration	Intake
1	Bachelor of Library and Information Science	1 year	50
2	Master of Library and Information Science	1 year	38
3	PhD (Library and Information Science)	3 Year	

- **Programmes offered with intake: Department of Information Technology.**

S. No	Course Name	Duration	Intake Capacity
1	M.Sc. (Information Technology)	2 Years	50
2	M.Tech.(Software Engineering)	2 Years	30
3	M.Sc. Cyber Security (Evening)	2 Years	30
4	Ph.D. (Information Technology)	3 Years	

Department of Computer Science

About the Department

The Department of Computer Science was established in **1997** as the Centre of Vocational Studies (CVS) and started functioning independently in **2001**. Its main objective is to impart updated knowledge of Computer Science through effective teaching and research. The department offers **MCA, M.Tech (Computer Science), and Ph.D.** programmes. Academic and cultural activities such as seminars, invited talks, and debates are regularly organized. Since 2009, the **CSI Student Branch** has provided a platform for students to organize academic and co-curricular events. Faculty members are actively engaged in research, guidance of Ph.D. scholars, and publication of books, chapters, and papers in reputed international journals.

Strength of the Department

- **Faculty:** 09 with expertise across emerging technologies.
- **Students:** 151 (MCA), 34 (M.Tech), multiple Ph.D. scholars**.**
- **Research:** 24 publications, (2) books, (27) chapters, funded projects.
- **Infrastructure:** Smart Classrooms, Research Labs, Departmental Library.
- **Student Achievements:** 12 NET/JRF qualifiers, multiple placements, (06) Ph.D. awards.

Next Year Plan (2025-26)



- Introduce value-added/certificate courses in AI, Cyber Security, Data Analytics.
- Submit 3–4 research project proposals to DST/UGC/AICTE.
- Upgrade labs with cloud servers and IoT/Cyber Security facilities.
- Organize 2 student workshops/seminars per semester.
- Launch structured alumni network and feedback system.
- Strengthen industry tie-ups for internships and placements.
- Initiate outreach (digital literacy programmes, coding camps).

1. Curriculum Aspects

1.1 Curriculum Design and Development



- Established in 1997 as Centre of Vocational Studies (CVS), later became Department of Computer Science in 2001.
- Programs designed to provide updated knowledge in Computer Science.
- Courses updated to meet IT and corporate sector needs.

1.2 Curricular Planning and Implementation

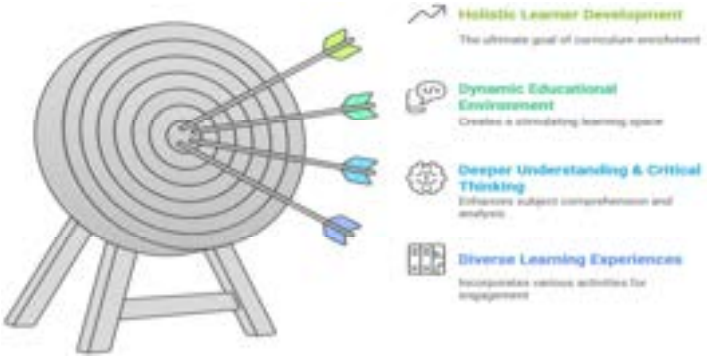
- Three full-time programmes: MCA, M.Tech (CS), Ph.D. (CS).
- Academic activities include seminars, invited talks, debates, presentations.
- CSI Student Branch established (2009) for co-curricular activities.

1.3 Academic Flexibility



- Choice of PG and doctoral programmes.
- Research areas span AI, ML, NLP, Web Engineering, Cyber Security, IoT, Data Science.

1.4 Curriculum Enrichment

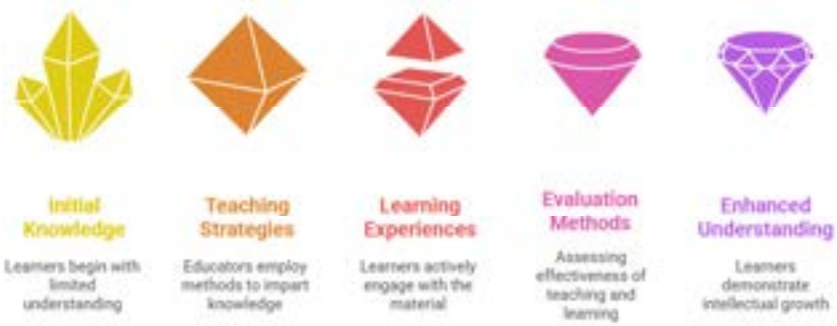


- Departmental seminars and cultural activities conducted.
- Guest lectures by experts to enrich curriculum delivery.

1.5 Feedback System

- No structured feedback system reported in document.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- MCA: 50 students (current year).
- M.Tech (CS): 11 students.
- Ph.D. scholars: multiple (UGC/NET/JRF funded).

2.2 Catering to Student Diversity



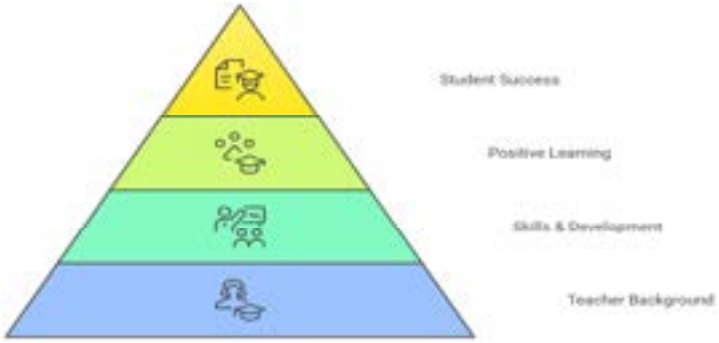
- Students pursuing higher studies (2 reported).
- NET (09) and JRF (03) qualifiers.

2.3 Teaching-Learning Process



- Smart classrooms, departmental library, research labs available.
- Faculty actively involved in mentoring students' research.

2.4 Teacher Profile and Quality



- Faculty strength: 10 (Professors, Associate Professors, Assistant Professors).
- Areas of expertise include AI, ML, NLP, Cyber Security, Software Engineering, Computer Vision.

2.5 Evaluation Process and Reforms



- Ph.D. award and submission process active.
- Continuous evaluation via projects, seminars, research publications.

2.6 Student Performance and Learning Outcomes



- NET/JRF qualified: 12 students.
- Placement through campus interviews: 03.
- Students in government jobs: 01.

2.7 Student Satisfaction Survey

- Not reported in document.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Two UGC funded projects completed.
- One ongoing project (Samvaad, CST Lucknow, ₹13.08 lakhs).
- Research labs available.

3.2 Resource Mobilization for Research



- Funded projects submitted to agencies.
- National/International publications (19 during current cycle).

3.3 Innovation Ecosystem

- Faculty research in AI, Cyber Security, NLP, Federated Learning, Cloud Computing.

3.4 Research Publications and Awards



- International publications: 19.
- Books/Edited Volumes: e.g., *Artificial Intelligence in Microbial Research* (Springer, 2025).
- Chapters in Springer/IEEE volumes.

3.5 Consultancy

- No consultancy reported.

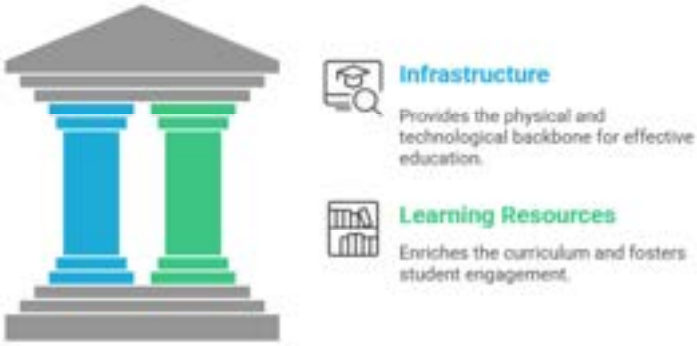
3.6 Extension Activities

- Nil reported.

3.7 Collaboration

- No active MoU's reported.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Departmental Library, Computer Lab, Lecture Hall, Smart Class, Research Lab.
- Centralized facilities: Instrumentation Lab, Computer Centre, Health Centre, Sports Section.

4.2 Library as a Learning Resource

- Departmental library maintained.
- Access to central library resources.

4.3 IT Infrastructure

- Computer labs, smart classes, research computing resources.

4.4 Maintenance of Campus Infrastructure

- Not explicitly reported.

5. Student Support and Progression



5.1 Student Support

- Students guided for NET/JRF, research fellowships.

5.2 Student Progression

- Higher studies: 2 students.
- Govt. Jobs: 1, Private jobs: 8, Projects: 1.

5.3 Student Participation and Activities

- CSI Student Branch (active since 2009).
- Limited co-curricular/extra-curricular participation mentioned.

5.4 Alumni Engagement

- Alumni data not provided.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To bridge the digital divide through advanced teaching and research.

6.2 Strategy Development and Deployment

- Research-driven strategy with emphasis on AI, Cyber Security, Cloud, NLP.

6.3 Faculty Empowerment Strategies

- Faculty engaged in national/international research collaborations.
- Active participation in conferences.

6.4 Financial Management and Resource Mobilization

- UGC projects funded.
- State CST funded project ongoing.

6.5 Internal Quality Assurance System

- Not explicitly reported.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- No specific community/social outreach mentioned.

7.2 Best Practices

- Active promotion of research publications.
- Student engagement in CSI Branch activities.

7.3 Institutional Distinctiveness

- Strong research publication record (19 international publications).
- Ph.D. production: 6 awarded this year.
- Interdisciplinary expertise among faculty.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Shishir Kumar**
  Professor& Head, Department of Computer Science

Specialization: Software Engineering, Web Engineering, Intelligent, Computational Techniques
Qualifications: Ph.D.

- **Prof. Vipin Saxena**
  Specialization: Scientific Computing / Software Engineering and Computer Networking
  Qualifications: M.Sc. (Applied Mathematics), MCA, MBA, M. Phil (Computer Appls), Ph.D. (I.I.T Roorkee)

- **Prof. S.K. Dwivedi**
  Specialization: Artificial Intelligence, Web Mining, NLP and WSD
  Qualifications: MCA, Ph.D. (Computer Science)

- **Prof. Deepa Raj**
  Specialization: Computer Graphics, Data Structure and Software Engineering
  Qualifications: M.Sc. (Computer Science) Ph.D. (Computer Science), NET.

- **Dr. Babita Pandey**
  Specialization: Machine Learning Social Network Deep Learning Elearing Expert System
  Qualifications: MCA, Ph.D.

- **Dr. Manoj Kumar**
  Specialization: Computer Vision, Graphics & Image Processing
  Qualifications: MCA, JNU (New Delhi), Ph.D. (I.I.T. Roorkee), NET, JRF.

- **Dr. Narander Kumar**
  Specialization: Computer Networks, Object Modeling Networks Simulation (OMNETPP)
  Qualifications: MCA, Ph.D. (Computer Science & Information Technology)

- **Dr. Shalini Chandra**
  Specialization: Software Engineering, Software Security, Internet of Things, Fog Computing
  Qualifications: MCA, NET, Ph.D. (I.T), PDF

- **Dr. Karm Veer Singh**
  Specialization: Multimedia Information Retrieval, Data Science, Medical Imaging, Quantum Neural Networks, Reliability, Cyber Security and Artificial Intelligence
  Qualifications: B.E. (Computer Engineering), M.S. (Software System), Ph.D.

8.2 Various Positions held in & out the Institution

- Director R & N, Director Computer Centre, Coordinator Music Department, Warden, ADSW, Member ICC, Coordinator Placement cell

8.3 Research Publications

8.3.1 Research Articles

Prof. Shishir Kumar

- Kishore Kumar, Sarvesh Tanwar, Shishir Kumar (April 2024) "MANC: A masked autoencoder neural cryptography-based encryption scheme for CT scan images", MethodsX, Vol. 12 No. 2024, ISSN 2215-0161, (Scopus (Elsevier): Scientific Journal Ranking (SJR):0.424)
- Anurag Tiwari, Nilesh Kumar Patel, Shishir Kumar (January 2025), "Efficient Object Detection and Tracking in Collaborative Mixed Reality Scenarios with AI Integration", Advances in Nonlinear Variational Inequalities, Vol 28, No. 3s, 609 – 622, ISSN 1092-910X, (Scopus: Scientific Journal Ranking (SJR):0.103)
- Praveen Goyal, Dinesh Kumar Verma & Shishir Kumar (January 2025) Detection and monitoring for enhanced prevention of grain plant disease using classification-based deep ensemble neural networks in smart agriculture, International Journal of Remote Sensing, Vol. 46 No.5, ISSN 1992-2022, DOI: 10.1080/01431161.2024.2443618, (Scopus (Taylor and Francis): Scientific Journal Ranking (SJR): 0.676)

Prof. Vipin Saxena

- Pawan Kumar and Vipin Saxena, "Secure Transmission of Information through Hybrid Cryptographical Techniques", TWIST, 19(2), 508-512ISSN:1759-0418, Scopus, 2024,https:// twistjournal.net/twist/article/view/388
- Jaydip Kumar, Hemant Kumar, Karm Veer Singh, Vipin Saxena, "Secure Data Storage and Retrieval over the Encrypted Cloud Computing", International Journal of Computer Network and Information Security, 16(4), 52-64, ISSN:2074-9090, Scopus, 2024, doi:10.5815/ijcnis.2024.04.04
- Hemant Kumar and Vipin Saxena, "Machine Learning for Test Case Prioritization in Continuous Integration: A Comprehensive Analysis", International Journal of Advanced Networking and Applications", 15(06), 6218 – 6228 ISSN:0975-0290, Peer Reviewed, 2024, doi:10.35444/IJANA.2024.15609
- Hemant Kumar and Vipin Saxena, "Effective Test Cases Generation with Harmony Search and RBF Neural Network", International Arab Journal of Information Technology, 21(5),786-799, ISSN:2309-4524, Scopus, (Q2 Journal), 2024, https://doi.org/10.34028/iajit/21/5/2
- Hemant Kumar and Vipin Saxena, "HV Process Model of Software Development", Journal of Software Engineering and Applications, 17(7), 553-570, ISSN:1945-3124, Peer Reviewed2024, doi:10.4236/jsea.2024.177032
- Versha Verma, Hemant Kumar, Vipin Saxena, Karm Veer Singh and Vishal Verma, "Blockchain Technology: A Comprehensive Review", Greenze International Journal of Engineering and Technology, Jan. Issue, 2445-2458, ISSN:2395-5295, Peer Reviewed, 2025, Grenze ID: 01. GIJET.11.1.88
- Hemant Kumar and Vipin Saxena, "Optimization and Prioritization of Test Cases through the Hungarian Algorithm", Journal of Advances in Mathematics and Computer Science, 40(3), 61-72, ISSN:2456-9968, Peer Reviewed, 2025, doi: https://doi.org/10.9734/jamcs/2025/v40i31978
- Hemant Kumar and Vipin Saxena, "A Novel Approach to Test Suite Prioritization Using Binary Insertion Sort", International Journal for Modern Trends in Science and Technology, 11(3), 39-47, ISSN:2455-3778, Peer Reviewed, 2025, https://doi.org/10.5281/zenodo.15078281
- Deepika Gautam and Vipin Saxena, "A Smarter Way to Compress and Decompress Data for Cloud Storage", Journal of Advances in Mathematics and Computer Science,

40(4),1-12 ISSN:2456-9968, Peer Reviewed, 2025, doi: https://doi.org/10.9734/jamcs/2025/v40i41984

- Hemant Kumar and Vipin Saxena, "Testing of Software Projects based on Function Points through a Machine-Learning Approach", International Journal of Advanced Networking and Applications, 16(5), 6583-6590 ISSN:0975-0290, Peer Reviewed, 2025, doi:10.35444/IJANA.2024.15609
- Versha Verma, Vipin Saxena, Vishal Verma and Karm Veer Singh, "A Framework for Secured Access Control of Cloud Data Using Blockchain Technology", Journal of Information Systems Engineering and Management, 10(29s),934-940, ISSN:2468-4376, Scopus (Q3 Journal), 2025, https://www.jisem-journal.com/index.php/journal/article/view/4606/21

Prof. Sanjay Kumar Dwivedi

- Nath, D., & Dwivedi, S. K. (2024). "Aspect-based sentiment analysis: approaches", applications, challenges and trends. Knowledge and Information Systems, 66(12), 7261-7303.
- Amit Asthana. "Performance Analysis of MT Tools through Hindi to English Web Query Translation", International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 23s, Nov. 2024, pp. 2811 - , https://www.ijisae.org/index.php/IJISAE/article/view/7498.
- Shukla, D., Dwivedi, S.K, "Sentiment analysis versus aspect-based sentiment analysis versus emotion analysis from text: a comparative study", Int J Syst Assur Eng Manag 16, 512–531 (2025). https://doi.org/10.1007/s13198-024-02666-4.
- Amit Asthana, Ganesh Chandra, Sanjay K. Dwivedi, "Approach to Handle Compound Out of Vocabulary Words in Hindi Web Queries", Journal of Information Systems Engineering and Management, Vol. 10No.13s (2025), https://doi.org/10.52783/jisem.v10i13s.2158.
- Shukla, D., Dwivedi, S.K, "The study of the effect of preprocessing techniques for emotion detection on Amazon product review dataset", Soc. Netw. Anal. Min. 14, 191 (2024). https://doi.org/10.1007/s13278-024-01352-4.

Dr. Babita Pandey

- Konjengbam, M., Pandey, B., & Pandey, D. K. (2024). "A response surface-based approach to optimize precursor feeding in Ophiorrhiza mungos shoot cultures for the enhancement of camptothecin", Industrial Crops and Products, 216, 118685. https://doi.org/10.1016/j.indcrop.2024.118685
- Dwivedi, M., Pandey, B. & Saxena, V, "Exploring the scope of explainable artificial intelligence in link prediction problem-an experimental study", Multimed Tools Appl, (2024). https://doi.org/10.1007/s11042-024-18287-9
- Rhmann, W., Khan, J., Khan, G. A., Ashraf, Z., Pandey, B., Khan, M. A. & Shaik, M. K. (2024)." Comparative study of IoT-and AI-based computing disease detection approaches", Data Science and Management.

Dr. Manoj Kumar

- Sangeeta Gautam, and Manoj Kumar. "Local Binary Pattern Based Robust Coverless Information Hiding Approach", SN Computer Science 6, no. 1 (2024): 24
- Dilip Kumar, and Manoj Kumar. "Hybrid Cryptographic Approach for Data Security Using Elliptic Curve Cryptography for IoT", International Journal of Computer Network and Information Security (IJCNIS) (2024).

Dr. Narander Kumar

- Archana, Narander Kumar (Corresponding Author), "A Modified Bat Mechanism for Virtual Machine Migration in a Cloud Environment", Published in SN Computer Science, A Springer Nature Journal, Volume: 6, No. 1, Article no. 74, PP: 1-13, Year/Date of Publication: 14 January 2025, published by: Springer Nature©2025 Springer Nature, Springer Nature Singapore Pte Ltd. ISSN: 2662-995X (print), e-ISSN: 2661-8907 (online), https://doi.org/10.1007/s42979-024-03627-1 (Scopus Indexed).
- A. Srivastava, Narander Kumar, "An efficient firefly and honeybee-based load balancing mechanism in cloud infrastructure", Published in Cluster Computing- The Journal of Networks, Software Tools and Applications, Volume 27, pages 2805–2827, (2024), Published by Springer, One New York Plaza, Suite 4600, New York, United States, NY, 10004. ISSN: 1386-7857, EISSN: 1573-7543, DOI: https://doi.org/10.1007/s10586-023-04118-3 (Scopus, SCIE Indexed).
- A. Srivastava, Narander Kumar (Corresponding Author), "A Secure VM Placement Strategy to Defend against Co-residence Attack in Cloud Datacentres", Published in International Journal of Computer Network and Information Security (IJCNIS), Volume: 16, No. 2, PP: 55-64, Year/Date of Publication: 8 Apr. 2024, Published by: Springer, One New York Plaza, Suite 4600, New York, United States, NY, 10004. ISSN: 2074-9090 (print), e-ISSN: 2074-9104 (online), https://doi.org/10.5815/ijcnis.2024.02.05 (Scopus Indexed).

Dr. Shalini Chandra

- A. Prasad, S. Chandra, M. Uddin, T. Al-Shehari, N. A. Alsadhan and S. Sajid Ullah, "PermGuard: A Scalable Framework for Android Malware Detection Using Permission-to-Exploitation Mapping", in IEEE Access, vol. 13, pp. 507-528, 2025
- P. Kaushal, S.Chandra. V.Saxena, "Prediction of Type-II Diabetic through Blockchain Technology", Indian Journal of Science and Technology, vol. 18, pp. 1177-1188.

Dr. Karm Veer Singh

- Versha Verma, Vipin Saxena, Vishal Verma, and Karm Veer Singh, "A Framework for Secured Access Control of Cloud Data Using Blockchain Technology", Journal of Information Systems Engineering and Management, 10(29s), 934-940, DOI: https://www.jisem-journal.com/
- Jaydip Kumar, Hemant Kumar, Karm Veer Singh, Vipin Saxena, "Secure Data Storage and Retrieval over the Encrypted Cloud Computing", International Journal of Computer Network and Information Security (IJCNIS), Vol.16, No.4, pp.52-64, 2024. https://doi.org/10.5815/ijcnis.2024.04.04
- Saxena, Vipin, Versha Verma, Vishal Verma, and Karm Veer Singh. 2024. "Hungarian Technique and Selection of Optimized Plan of Insurance", Journal of Advances in Mathematics and Computer Science 39 (3):11-19. https://doi.org/10.9734/jamcs/2024/v39i31871.
- Verma, Versha, Vipin Saxena, Vishal Verma, and Karm Veer Singh. 2024. "Clustering Based Recommender System for Compilation of Research Papers", Journal of Advances in Mathematics and Computer Science 39 (8):24-32. https://doi.org/10.9734/jamcs/2024/v39i81918.

8.3.2 Books / Edited Books

Dr. Babita Pandey

- Artificial Intelligence in Microbial Research: Bridging the Gap by Babita Pandey (Editor), Devendra Pandey (Editor), Aditya Khamparia (Editor), Venkatesh Dutta (Editor), Valentina E. Balas (Editor), Publisher: Springer Nature (14 June 2025). ISBN-10: 9819634474, ISBN-13: 978-9819634477.
- Computational Intelligence for Genomics Data Gap by Babita Pandey (Editor), Valentina Emilia Balas (Editor), Suman Lata Tripathi (Editor), Devendra Kumar Pandey (Editor), Mufti Mahmud (Editor), Publisher: Academic Pr (1 February 2025), ISBN-10: 0443300801, ISBN-13: 978-0443300806.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Shishir Kumar

- Shukla, A., Shukla, V., Kumar, S., Anand, A. (2024), "Secure Design and Implementation of Smart Traffic Light Management System", Cryptology and Network Security with Machine Learning. ICCNSML 2023. Lecture Notes in Networks and Systems, vol 918. Springer, Singapore. https://doi.org/10.1007/978-981-97-0641-9_5
- Shukla, A., Shukla, V., Kumar, S., Kushwah, V.S., Malviya, S. (2024), "Real-Time Authenticated and Secure Monitoring and Control of Low-Cost Sustainable Hydroponic System in Cloud", Cryptology and Network Security with Machine Learning. ICCNSML 2023. Lecture Notes in Networks and Systems, vol 918. Springer, Singapore. https://doi.org/10.1007/978-981-97-0641-9_4
- Anju Shukla, Shishir Kumar, Virendra Singh Kushwah, and Amarjeet Singh, "Medical Image Segmentation Techniques: A Review", Computer-Assisted Analysis for Digital Medicinal Imagery, IGI Global, ISBN13: 9798369352267, page 209-220

Prof. Sanjay Kumar Dwivedi

- Revanth, M. Kumar and S. k. Dwivedi, "HU-Net: A Hybrid U-Net for Single Image Dehazing Using Composite Attention Module," 2024 IEEE Students Conference on Engineering and Systems (SCES), Prayagraj, India, 2024, pp. 1-6, doi: 10.1109/SCES61914.2024.10652524.
- Chandra, G., Asthana, A., Pandey, M. S., Dixit, M., Dwivedi, S. K., & Dwivedi, A. P. (2024, May). "A Performance Evaluation of Cross-lingual and Monolingual IR. In International Conference on Computing and Communication Systems for Industrial Applications", (pp. 45-55). Singapore: Springer Nature Singapore.
- Nath, D., & Dwivedi, S. K. (2024, September). "Transforming Aspect-based Sentiment Analysis to Domain-Specific Mining by Integrating Machine Learning Ensemble (MLE) Model", In 2024 International Conference on Signal Processing and Advance Research in Computing (SPARC) (Vol. 1, pp. 1-6). IEEE.
- Nath, D., & Dwivedi, S. K. (2024, December), "Aspect Category Detection with Attention Mechanism", In 2024 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT) (pp. 1-6). IEEE.
- Shukla, D., & Dwivedi, S. K. (2025), "Word Embeddings for Emotion Detection on Amazon Product Review Dataset", In International Conference on Data Science and Applications (pp. 441-453). Springer, Singapore.

Prof. Vipin saxena

- Khamparia, A., Pandey, B., Pandey, D.K., Gupta, D. (eds). Dwivedi, M., Pandey, B., Saxena, V. (2024). "Analyzing the Frontier of AI-Based Plant Disease Detection: Insights and Perspectives. In: Microbial Data Intelligence and Computational

Techniques for Sustainable Computing. Microorganisms for Sustainability, vol 47. Springer, Singapore. https://doi.org/10.1007/978-981-99-9621-6_13

- M. Dwivedi, B. Pandey and V. Saxena, "X-FedAvg: An Explainable approach to FedAvg in Link Prediction," 2024 International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S), Una, India, 2024, pp. 1-6, doi: 10.1109/ICIC3S61846.2024.10603121.
  keywords: {Training; Data privacy; Federated learning; Soft sensors; Distributed databases; Propulsion; Predictive models; Federated Learning; Link Prediction; Recommendation System; FedAvg;XAI;LIME},

Prof. Deepa Raj

- Supriya Singh, Deepa Raj, "Optimising Grayscale Image Quality through Genetic Algorithm over Quad Histogram Division", in the conference 2024 IEEE Student Conference on Engineering and System (SCES-2024)"(conference paper)
- Diwakar, D., & Raj, D. (2025). "Generative AI in Wearables: Exploring the Impact of GANs, VAEs, and Transformers", Generative Artificial Intelligence for Biomedical and Smart Health Informatics, 1-34. [Published, 2025] (book chapter)

Dr. Babita Pandey

- Shukla, S., Pandey, B., Pandey, D. K., Mishra, B. P., & Khamparia, A. (2025). "Exploring Trust and Mistrust Dynamics: Generative AI-Curated Narratives in Health Communication Media Content Among Gen X", Generative Artificial Intelligence for Biomedical and Smart Health Informatics, 417-433.
- Pandey, B., Pandey, D., Khamparia, A., Dutta, V., Balas, V.E. (eds), Shukla, S., Pandey, B., Pandey, D. (2025), "Thematic Analysis of Media Influence on the Adoption of AI Climate Prediction Models in Microbial Agriculture Practices: A Case Study of Uttar Pradesh Using Diffusion of Innovations Theory. In: Artificial Intelligence in Microbial Research. Microorganisms for Sustainability, vol 45. Springer, Singapore. https://doi.org/10.1007/978-981-96-3448-4_1
- Pandey, B., Pandey, D., Khamparia, A., Dutta, V., Balas, V.E. (eds) Shukla, S., Pandey, B., Pandey, D., Mishra, B.P. (2025). Understanding Media Influence on the Adoption of AI Climate Prediction Models in Microbiological Agricultural Practices: A Study of Uttarakhand. In: Artificial Intelligence in Microbial Research. Microorganisms for Sustainability, vol 45. Springer, Singapore. https://doi.org/10.1007/978-981-96-3448-4_2
- Pandey, B., Pandey, D., Khamparia, A., Dutta, V., Balas, V.E. (eds), Pandey, B., Srivastava, R., Pandey, D. (2025). An Explainable AI-Based CNN Model for Plant Disease Diagnosis. In: Artificial Intelligence in Microbial Research. Microorganisms for Sustainability, vol 45. Springer, Singapore. https://doi.org/10.1007/978-981-96-3448-4_8
- Chapter 3-3 - Principal component analysis and optimization -based feature selection and extraction for gene expression microarray: a comparative study of classification of neuromuscular disorder. https://doi.org/10.1016/B978-0-443-30080-6.00017-1
- Khamparia, A., Pandey, B., Pandey, D.K., Gupta, D. (eds), Dwivedi, M., Pandey, B., Saxena, V. (2024). "Analyzing the Frontier of AI-Based Plant Disease Detection: Insights and Perspectives. In: Microbial Data Intelligence and Computational Techniques for Sustainable Computing", Microorganisms for Sustainability, vol 47. Springer, Singapore. https://doi.org/10.1007/978-981-99-9621-6_13

- Khamparia, A., Pandey, B., Pandey, D.K., Gupta, D. (eds), Pandey, B., Shukla, A., Khamparia, A. (2024). "An Optimized Hybrid ARIMA-LSTM Model for Time Series Forecasting of Agricultural Production in India. In: Microbial Data Intelligence and Computational Techniques for Sustainable Computing. Microorganisms for Sustainability", vol 47. Springer, Singapore. https://doi.org/10.1007/978-981-99-9621-6_7
- Kaur, R.K., Pandey, B., Pandey, D.K., Khamparia, A. (2024). "An Explorative Study on Code Comprehension: Issues and Challenges. In: Al-Turjman, F. (eds) The Smart IoT Blueprint: Engineering a Connected Future", AIoTSS 2024. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-031-63103-0_21
- Shukla, S., Pandey, B., Pandey, D.K., Khamparia, A. (2024), "Development of an Acoustic and Online VR Game to Improve Social Connectivity and Awareness About Tourist Places in Visually Impaired People", In: Al-Turjman, F. (eds) The Smart IoT Blueprint: Engineering a Connected Future. AIoTSS 2024. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-031-63103-0_23

Dr. Manoj Kumar

- Sangeeta Gautam, and Manoj Kumar. "A Coverless Information Hiding Approach using the Most Significant Bit." In 2024 IEEE Students Conference on Engineering and Systems (SCES), pp. 1-6. IEEE, 2024.
- Banala Revanth, Manoj Kumar, and Sanjay Kumar Dwivedi. "HU-Net: A Hybrid U-Net for Single Image Dehazing Using Composite Attention Module." In 2024 IEEE Students Conference on Engineering and Systems (SCES), pp. 1-6. IEEE, 2024.
- Sangeeta Gautam, Ruchi Agarwal, and Manoj Kumar. "A Novel Approach for Coverless Information Hiding with Encrypted Images." In 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), pp. 1-6. IEEE, 2024.

Dr. Narander Kumar

- Gaurav Singh, Narander. Kumar (Corresponding Author), "Sick Euthyroid Detection Using Machine Learning Techniques" Published as a chapter in, Eighth International Conference on Parallel, Distributed and Grid Computing (PDGC-2024), Organized by Department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat, Solan, HP, India, Conference date: 18th - 20th December, 2024, Published by IEEE, Eighth International Conference on Parallel, Distributed and Grid Computing (PDGC-2024), pp-176-181, Published Date: 09 May 2025, IEEE Conference Record Number #64653, SBN: 979-8-3315-2134-9, 979-8-3315-2135-6 (eBook), ISSN: 2573-3079, 2573-3087 (electronic) DOI: https://doi.org/10.1109/PDGC64653.2024.10984176 (Scopus Indexed)

Dr. Shalini Chandra

- P. Kaushal, S. Chandra., "Taxonomy of attacks and evolving solution in the IoT paradigm"- 5th Springer International Conference on Data Engineering & Applications (IDEA-2K24).

- P. Kaushal, V.Saxena, S.Chandra, "Ranking of Security Factors through the Hungarian Method"- 4th International Conferences on Soft Computing & Mathematical Modeling (ICSCMM-24).

8.3.4 Participation in National/International Seminars /Conferences /Workshops /Invited lectures

Prof. Vipin Saxena

- World Congress on Smart Computing (WCSC2024), 2024 (Scopus);
- International Conference on Data Science and Artificial Intelligence, 2025 (Scopus);

Dr. Narander Kumar

- Anand Gautam, Narander. Kumar (Corresponding Author), "Analytical and Comprehensive Study of Various Assignment Problems for Sustainable Management of Resources in Cloud Computing Environment", Presented In the International Conference on Sustainability and Technological Advancements in Engineering Domain (SUSTAINED-2024), Organized by School of Engineering & Technology, Manav Rachna International Institute of Research and Studies, Faridabad, Haryana, India in Association with SDA Committee IEEE India Council, IEEE record: #63638 Conference date: 13th 14th December, 2024.

Dr. Karm Veer Singh

- Verma, V., Kumar, H., Saxena, V., Singh, K.V. and Verma, V., "Blockchain Technology: A Comprehensive Review", Hinweis Third International Conference on Artificial Intelligence and Data Science, AIDE-2024

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Shishir Kumar

- Shweta Srivastav Under the guidance of Prof. Shishir Kumar & Co-supervisor Dr. Narendar Kumar,is pursuing a Ph. D on "Yet to be decided" With the support of a UGC NON-NET Fellowship
- Sweta Maurya Under the guidance of Prof. Shishir Kumar & Co-supervisor Dr. Narendar Kumar, is pursuing a Ph. D on "Yet to be decided" with the support of a UGC JRF Fellowship

Prof. Vipin Saxena

- Versha Verma Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Design of Framework to Secure Data over the Cloud" with the support of a UGC NON-NET Fellowship
- Sugandha Singh Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Design and Analysis of Effective Techniques for Identification of Brain Tumor in Human Magnetic Resonance Images" with the support of a UGC NON-NET Fellowship
- Mridula Dwivedi Under the guidance of Prof. Vipin Saxena & Co-supervisor Dr. Babita Pandey, is pursuing a Ph. D on "Improving Link Prediction: An Explainable Link Prediction Approach" with the support of a UGC NON-NET Fellowship
- Deepika Gautam Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Design and Analysis of Effective Security Techniques for Cloud Database" with the support of a UGC SRF fellowship

- Hemant Kumar Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Study and Design of Effective Software Testing Techniques" with the support of a UGC SRF fellowship
- Sushma Sahu Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship
- Sanyam Mittal Under the guidance of Prof. Vipin Saxena is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

Prof. Sanjay Kumar Dwivedi

- Sameeksha Tripathi Under the guidance of Prof. Sanjay Kumar Dwivedi is pursuing a Ph. D on "Personalised Hybrid Book Recommendation System Using Machine Learning Techniques" with the support of a UGC NON-NET Fellowship
- Diksha Shukla Under the guidance of Prof. Sanjay Kumar Dwivedi is pursuing a Ph. D on "Intensity Based Emotion Detection of Product Reviews Using Deep Learning" with the support of a UGC NON-NET Fellowship
- Amit Asthana Under the guidance of Prof. Sanjay Kumar Dwivedi is pursuing a Ph. D on "Improving Retrieval Effectiveness in Hindi-English Cross Lingual Information Retrieval Using Query Reformulation" with the support of a UGC NON-NET Fellowship
- Deena Nath Under the guidance of Prof. Sanjay Kumar Dwivedi is pursuing a Ph. D on "Aspect-Based Sentiment Analysis" with the support of a NFSC Fellowship
- Priyanka Singh Under the guidance of Prof. Sanjay Kumar Dwivedi is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

Prof. Deepa Raj

- Diwakar Under the guidance of Prof. Deepa Raj is pursuing a Ph. D on "Designing a Framework of Multi-Disease Detection and Prediction" with the support of a UGC SRF Fellowship
- Supriya Singh Under the guidance of Prof. Deepa Raj is pursuing a Ph. D on "Enhancement of Digital Images using Computational Intelligence" with the support of a NFSC Fellowship
- Neha Maurya Under the guidance of Prof. Deepa Raj is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship
- Mahima Pandey Under the guidance of Prof. Deepa Raj is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

Dr. Babita Pandey

- Aakrati Srivastava Under the guidance of Dr. Babita Pandey is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

Dr. Manoj Kumar

- Banala Revanth Under the guidance of Dr. Manoj Kumar & Co-supervisor Prof. S.K Dwivedi, is pursuing a Ph. D on "Restoration of Hazy Images Using Machine Learning" with the support of a NFSC Fellowship
- Sangeeta Gautam Under the guidance of Dr. Manoj Kumar is pursuing a Ph. D on "Secret Communication Through Coverless Information Hiding" with the support of a UGC SRF Fellowship
- Shrishti Gahlot Under the guidance of Dr. Manoj Kumar is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

Dr. Narander Kumar

- Archana Under the guidance of Dr. Narander Kumar is pursuing a Ph. D on "An Efficient Resource Allocation Mechanisms Framework for Cloud Environment" with the support of a UGC SRF Fellowship
- Anand Gautam Under the guidance of Dr. Narander Kumar is pursuing a Ph. D on "Efficient Resource Management Mechanisms for Cloud Computing Environment" with the support of a UGC NON-NET Fellowship
- Gaurav Singh Under the guidance of Dr. Narander Kumar & Co-supervisor Prof Shishir Kumar, is pursuing a Ph. D on "Detection and Diagnosis of Thyroid Disorders Using Intelligent Computational Mechanisms" with the support of a UGC NON-NET Fellowship
- Nikhil Singh Under the guidance of Dr. Narander Kumar & Co-supervisor Prof. Shishir Kumar, is pursuing a Ph. D on "Yet to be decided" with the support of a UGC JRF Fellowship

Dr. Shalini Chandra

- Ashwin Kumar Shrivastava Under the guidance of Dr. Shalini Chandra is pursuing a Ph. D on "Yet to be decided" with the support of a UGC JRF Fellowship
- Priyanka Kaushal Under the guidance of Dr. Shalini Chandra & Co-supervisor Prof. Vipin Saxena, is pursuing a Ph. D on "Security Enhancement in IoT Paradigm using Blockchain Technology" with the support of a NFSC Fellowship

Dr. Karm Veer Singh

- Saurabh Kumar Under the guidance of Dr. Karm Veer Singh & Co-supervisor Prof. Vipin Saxena, is pursuing a Ph. D on "Yet to be decided" with the support of a UGC JRF Fellowship
- Anchal Gupta Under the guidance of Dr. Karm Veer Singh is pursuing a Ph. D on "Yet to be decided" with the support of a UGC NON-NET Fellowship

8.3.5.2 Ph.D. Awarded

Prof. Vipin Saxena

- Mr. Banshidhar Choudhary under the guidance of Prof. Vipin Saxena, is pursuing a Ph. D on "Analysis and Design of Data Mining Application for Banking Industry" with the support of a UGC NON-NET Fellowship
- Mr. Pawan Kumar under the guidance of Prof. Vipin Saxena, is pursuing a Ph. D on "Analysis and Design of Effective Hybrid Cryptographical Techniques" with the support of a UGC NON-NET Fellowship

Prof. Deepa Raj

- Anshu Gupta under the guidance of Prof. Deepa Raj, is pursuing a Ph. D on "Multimodal Biometric Authentication System Using Human Footprints" with the support of a UGC NON-NET Fellowship

Dr. Manoj Kumar

- Ruchi Agarwal under the guidance of Dr. Manoj Kumar, is pursuing a Ph. D on "SECURING ENCRYPTED IMAGES THROUGH REVERSIBLE DATA HIDING" with the support of a UGC NON-NET Fellowship

Dr. Narander Kumar

- Ankita Srivastava under the guidance of Dr. Narander Kumar, is pursuing a Ph. D on "Analysis and Design of Efficacious Resource Management Mechanisms for Cloud Computing Environment" with the support of a UGC NON-NET Fellowship

Dr. Shalini Chandra

- Arvind Prasad under the guidance of Dr. Shalini Chandra, is pursuing a Ph. D on "Security Enhancement by Combatting Cyberattacks using Machine Learning Techniques" with the support of a NFSC Fellowship

8.3.6 Projects/Consultancy/and any other: - Nil

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements: - Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	14
2.	Total number of journal publications by Department (International)	10
3.	Total number of publications in conference proceedings	16
4.	Total number of workshops/conferences/seminars/etc organized by Department	Nil
5.	Total number of PhD degree awarded by Department	06
6.	Total number of PG students	185
7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	10
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	12
17	Total number of total number of students opted for higher studies	03

Department of Library information Science

About the Department

The Department of Library and Information Science, established in 1997, aims to produce competent professionals in Librarianship, Knowledge Management, Archival Science, and Information Services. The department emphasizes ICT applications, research orientation, and skill development for employment in academic institutions, R&D organizations, government bodies, and private sectors. Over the years, it has produced more than **500 LIS professionals**, **42 M.Phil.**, and **62 Ph.Ds.**

Strengths of the Department

- **Academic Excellence**: Experienced faculty with diverse specializations such as Digital Libraries, Information Systems, Cultural Informatics, Research Ethics, and Scientometrics.
- **Research Output**: Strong publication record including international and national journals, book chapters, and award-winning research contributions.
- **Infrastructure**: Equipped with smart classrooms, departmental IT laboratory, Wi-Fi-enabled learning environment, and a departmental library with 559 books.
- **Student-Centric Approach**: Weekly *"Mann Ki Baat"* sessions, remedial coaching, and support for JRF/NET aspirants.
- **Alumni Network**: More than 500 professionals serving in universities, government organizations, and libraries across India.
- **Commitment to NEP 2020**: Curriculum restructuring and participation in FDPs/workshops to align with national education goals.

Next Year Plan (2025–26)



- **Curriculum Enhancement**: Introduce new courses in Artificial Intelligence applications, Research Data Management, and Green Libraries aligned with NEP 2020.
- **Research Initiatives**: Establish collaborations with national and international institutions; encourage funded research projects.
- **Student Support**: Launch mentorship and placement cell for BLISc and MLISc students to increase employability.
- **Infrastructure Growth**: Expand departmental library resources with recent publications. Upgradation of the IT lab of the department.
- **Alumni & Industry Linkages**: Strengthen alumni engagement through annual meets and MoU's with professional bodies.

- **Quality Assurance**: Regular feedback from stakeholders; focus on student satisfaction and innovation ecosystem.

1. Curricular Aspects

1.1 Curriculum Design and Development



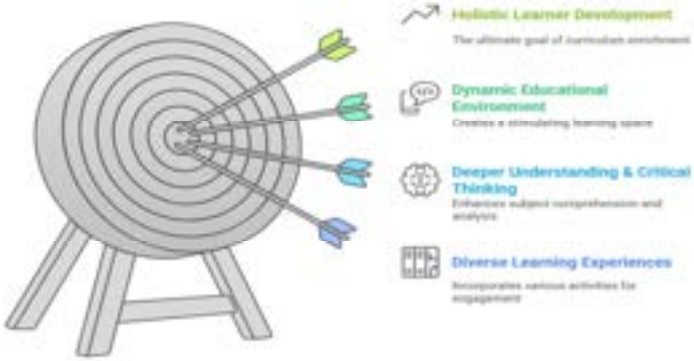
- BLISc, MLISc, and Ph.D. programmes are offered in the Department.
- Regular restructuring of courses in line with market demands, NEP 2020, and emerging technologies.
- Objective is to train students in IT applications, information handling, library management, and knowledge services across sectors.

1.2 Academic Flexibility



- CBCS implemented in both the BLIS and MLIS courses.
- CBCS coordinator is appointed for smooth execution of CBCS.

1.3 Curriculum Enrichment



- Integration of ICT-enabled learning, research-based training, and workshops.
- Courses aligned with societal needs, sustainable development, and employability.

1.4 Feedback System

- Student–faculty weekly interactive sessions like *"Mann Ki Baat"*.
- Course feedback incorporated for curriculum improvements.

2 Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- BLISc: 33 students
- MLISc: 28 students
- Ph.D.: 62 awarded, 40 ongoing.

2.2 Catering to Student Diversity



- Support for SC/ST/OBC/Minorities and PwD scholars through remedial coaching and awareness activities.

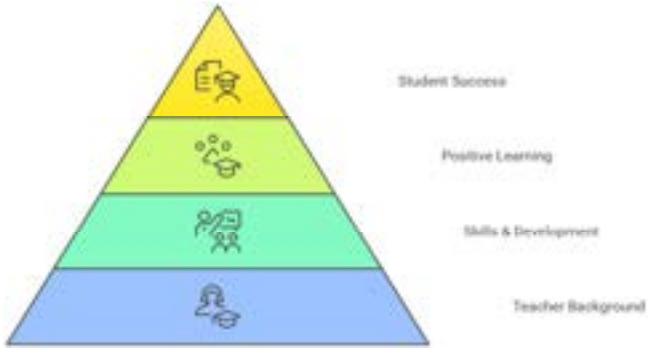
2.3 Teaching-Learning Process



- Smart classrooms, departmental library, IT lab with advanced facilities. Learning materials are shared with the students for further reading.

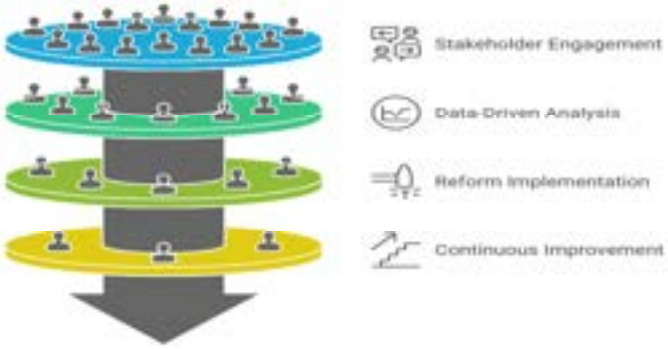
- Project-based learning and ICT integration.

2.4 Teacher Profile and Quality



- 7 faculty members (Professors & Assistant Professors) with specializations in LIS, IT applications, digital libraries, research ethics, cultural informatics, etc.
- Faculty with memberships in ILA, IASLIC, SLA, SALIS, etc.

2.5 Evaluation Process and Reforms



- Continuous internal assessment with mid-term assessment tests.
- The students are evaluated with seminars, presentations, and assignments.
- Internal and external evaluation implemented in the department.

2.6 Student Performance and Learning Outcomes



- High number of Ph.D. awards (08 during 2024–25).
- Students progressing to higher studies and government jobs.

2.7 Student Satisfaction Survey

- Conducted through direct feedback and interactive sessions.

3 Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Well-equipped IT lab and departmental library.
- Faculty guiding 40+ Ph.D. scholars currently.

3.2 Resource Mobilization for Research



- Faculty participation in UGC, INFLIBNET workshops and conferences at national and international level.
- Ph.D. scholars supported with JRF/NET/other fellowships.

3.3 Innovation Ecosystem

- Research focus on digital libraries, AI in LIS, cultural informatics, scientometrics, green libraries, etc.

3.4 Research Publications and Awards



- 15 research papers published (2024–25).
- Faculty contributing book chapters and editing volumes.
- Awards: Best Teacher Award, Research Excellence Award, Outstanding Achiever Award.

3.5 Consultancy

- No formal consultancy yet (Paid/Free = NIL).

3.6 Extension Activities

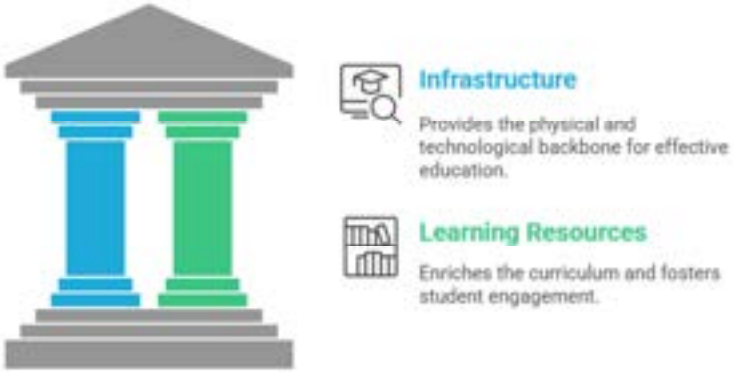
- Students and faculty encouraged to take pledges (Vigilance Awareness, Swachhta).
- Outreach through invited talks and conferences.

- A paper on Information and Digital Literacy for Social Groups of 2 credits is introduced for community engagement of students in MLIS course.

3.7 Collaboration

- MOUs: NIL (yet to initiate).
- Faculty collaborated in international conferences and trainings.

4 Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, seminar halls, IT laboratory.
- Wi-Fi enabled with projectors, digital boards, LCD TV.

4.2 Library as a Learning Resource

- Departmental Library with 559 books.
- Access to central university library resources.

4.3 IT Infrastructure

- IT lab with PCs, Wi-Fi, and video conferencing.

4.4 Maintenance of Campus Infrastructure

- Maintained under University ICT Cell and Department initiatives.

5 Student Support and Progression



5.1 Student Support

- Remedial coaching programme.
- JRF/NET qualified students receive fellowship support in PhD programme.

5.2 Student Progression

- BLIS to MLIS progression: 15 students.
- Higher education and research: several students of the department are pursuing Ph.D. at other universities.

5.3 Student Participation and Activities

- Department organizes Deeksharambh (induction programme).
- Students participate in workshops/seminars.

5.4 Alumni Engagement

- More than 500 LIS professionals trained since inception (1997).
- Alumni placed in Govt., Universities, and Research Organizations.

6 Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: prepare professionals for LIS, archives, knowledge management, and IT-based services.
- Leadership through Academic Council, DRC, BOS.

6.2 Strategy Development and Deployment

- Courses updated regularly.
- Strategy aligned with NEP 2020.

6.3 Faculty Empowerment Strategies

- Faculty attend FDPs, refresher courses, workshops.
- Recognized with national awards.

6.4 Financial Management and Resource Mobilization

- Managed through University funding and UGC schemes.

6.5 Internal Quality Assurance System

- Departmental committees for MOOCs, NEP implementation, evaluation reforms.
- Regular feedback mechanism from students.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Weekly *Mann Ki Baat* for addressing student concerns.
- Awareness drives on cleanliness, ethics and sustainability.

7.2 Best Practices

- Use of ICT-enabled teaching.
- Expert lectures are organised at regular interval to expose students with practical librarianship.

7.3 Institutional Distinctiveness

- One of the earliest LIS departments in India (since 1997).

- Produced a large number of LIS professionals, researchers and leaders.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. K. L. Mahawar**
  Professor & Head
  Specialization: Academic Library and Information System, User Services/Needs, Information Sources, System and Programme
  Qualifications: Ph.D., MLISc, Certificate in Computing (CIC - 2000)
  Email: mahawar_67@yahoo.co.in, mahawar67@gmail.com

- **Prof. M. P. Singh**
  Professor & Dean, SIST
  Specialization: Management of Libraries and Information Centers, Information Technology, User Studies
  Qualifications: Ph.D., MLISc, M. Com, M.Sc. (IT), M.B.A.
  Email: mpsinghdlis@gmail.com

- **Prof. Shilpi Verma**
  Professor
  Specialization: Electronic Resource Management, Digital Libraries, Library Automation and networking, Emerging Trends and Technology in LIS.
  Qualifications: Ph.D., MLISc, PGDM PG Diploma in Marketing & Sales Management.
  Email: shipoo_lko@rediffmail.com; shipoo.lko@gmail.com

- **Prof. S. K. Sonkar**
  Professor
  Specialization: Electronic Resource Management, Digital Libraries, Library Automation and networking, Emerging Trends and Technology in LIS
  Qualifications: Ph.D., PGDCA, MLISc.
  Email: sksonker@yahoo.co.in

- **Dr. Vinit Kumar**
  Assistant Professor
  Specialization: Information Technology Applications in Libraries, Research Methods and Statistical Techniques, Information Storage and Retrieval, Web technology and application in libraries
  Qualifications: Ph.D., MLISc, IMAD Course, UGC-JRF
  Email: vinitkr@bbau.ac.in, mailvinitkumar@gmail.com

- **Dr. Somipam R Shimray**
  Assistant Professor
  Specialization: Research Ethics, Knowledge sharing & Cultural Informatics
  Qualifications: Ph.D., MLISc, PGDLAN, UGC-JRF
  Email: srshimray@yahoo.com

- **Dr. Nitesh Kumar Verma**
  Assistant Professor
  Specialization: Website Usability Analysis, Webometrics, Website Content Analysis, Use of Open-Source Software's in the Library, Digital Library.

Qualifications: B. Com (Hons.), MLISc, UGC-NET, Ph.D.
Email: vermanite@gmail.com

8.2 Various Positions held in & out the Institution

Prof. K. L. Mahawar

- Head, Department of Library and Information Science, from 2022- Continued
- Chairman, Board of Post Graduate Studies, DLIS from 2022 - Continued
- Chairman, Department Research Committee, DLIS from 2022 - Continued
- Chairman, Departmental Admission Committees, DLIS 2022 - Continued
- Coordinator, Remedial Coaching Programme (RCP) from 2019 – 05.03.2025
- Director, Sport from 2018 - Continued
- Chairman, Standing Organizing Committee (SOC) of the University form 2022 - Continued
- Departmental Research Committee (DRC) – Department of Information Technology
- Departmental Research Committee (DRC) – Department of Mass Communication and Journalism
- Departmental Research Committee (DRC) – Department of Library and Information Science
- Academic Council
- Member of Library Committee/Library Advisory Committee from 1997 to Continue
- Member School Board of the School for Information Science and Technology

Prof. M. P. Singh

- Indian Library Association (ILA) - Life Member
- Indian Association of Special Libraries and Information Centers (IASLIC) - Life Member
- Society for the Advancement of Library and Information Science (SALIS) - Life Member
- Indian Association of Teachers in Library and Information Science (IATLIS)- Life Member
- Special Library Association (SLA) Asian Chapter President, Elect 2023-25

Prof. S. K. Sonkar

- Life time membership of ILA
- Life time membership of IATLIS
- Life time membership of IASLIC.
- Member, Board of Post Graduate Studies (BPGS), BBAU, Lucknow
- Member, Board of Post Graduate Studies (BPGS), UPRTOU, Lucknow
- Member, School Board, School for Science and Information Technology, BBAU, Lucknow
- Member, Board of Post Graduate Studies (BPGS), CSJM University, Kanpur
- Member, Board of Post Graduate Studies (BPGS), Maharaja Chhatrasal Bundelkhand University is a state university in Chhatarpur
- Member, Board of Post Graduate Studies (BPGS), University of Lucknow, lucknow

Prof. Shilpi Verma

- Life Membership of Indian Library Association (ILA) (Membership no. CL-9677)
- Life Membership of the Indian Association of Special Libraries and Information Centres (IASLIC)
- Life Member of the Indian Association of Teachers of Libraries & Information Science (IATLIS)

- Life Member of the Society for Conservation of Wildlife
- Life Member of Zoological Society of India, (Membership No. S-222(LB)
- Life Member of Blue Planet Society, Allahabad
- Life Member of Samagra Vikas Welfare Society (SVWS), Lucknow

Dr. Vinit Kumar

- **Dr Vinit Kumar** is a lifetime member of Indian Association of Special Libraries and Information Centres (IASLIC), Kolkata.
- **Dr Vinit Kumar** is a lifetime member of Indian Association of Teachers in Library and Information Science (IATLIS), Patiala.

Dr. Somipam R Shimray:

- Member, Association for Information Science and Technology (ASIS&T)
- Indian Library Association (ILA) – Lifetime

Dr. Nitesh Kumar Verma:

- Indian Library Association (ILA) – Lifetime
- Indian Association of Teachers of Library and Information Science (IATLIS) – Lifetime

8.3 Research Publications

8.3.1 Research Articles

Prof. K. L. Mahwar

- Hurum, U., K. L. Mahawar and R. S. Somipam, "Examining User Opinions, Satisfaction Levels, and Challenges towards Institutional Repository: An Empirical Study", *DESIDOC Journal of Library & Information Science*, vol. 44, no. 5, pp. 289–297, Sep. 2024.

Prof. M. P. Singh

- Gupta, K. and M. P. Singh, "Exploring the co-authorship networks of the Internet of Things in libraries", Journal of Indian Library Association, vol. 61, no. 1, pp. 28–34, 2025.
- Singh, M. P., K. Gupta, Arshiya, P. Bhagat and S. Bharti, "Unveiling the digital facets: An insight into Indian Institute of Management libraries' web performance", Journal of Information and Knowledge, vol. 61, no. 6, pp. 321–326, 2024. https://doi.org/10.17821/srels/2024/v61i6/171627.

Prof. Shilpi Verma

- Dubey, V. and S. Verma, "Evaluating the digital performance and accessibility of websites using Google Lighthouse", *International Journal of Computer Sciences and Engineering*, vol. 13, no. 3, pp. 16–23, Mar. 2025. https://doi.org/10.26438/ijcse/v13i3.1623.

Prof. S. K. Sonkar

- Khan, A. and S. K. Sonkar, "A Comprehensive Review of Literature and Exploration on Library Security System", Library Philosophy and Practice (e-journal), no. 8058, 2024. https://digitalcommons.unl.edu/libphilprac/8058.
- Verma, A. K., S. K. Sonkar and P. Srivastava, "Publication Awareness and Preferences of Indian Science Authors: An Evaluative Study", Library Herald, vol. 62, no. 4, pp. 612–622, 2024.

- Amreen and S. K. Sonkar, "The Intelligent Libraries: Imposing Artificial Intelligence to Enhance Activities and Services", Journal of Indian Library Association, vol. 60, no. 3, pp. 466–472, 2024. https://journal.ilaindia.net/index.php/lib/article/view/353.

Dr. Vinit Kumar

- Basumatary, B., M. K. Sinha, V. Kumar and M. K. Verma, "Retractions in Indian Business Research: A Closer Look at Trends, Reasons and Impacts of Retracted Articles", DESIDOC Journal of Library & Information Technology, vol. 45, no. 2, pp. 131–140, 2025. https://doi.org/10.14429/djlit.20357.
- Kushwaha, A. K., J. Singh and V. Kumar, "Post-COVID-19 publication opportunities for medical academics in top Indian medical institutes: An investigation into productivity, new venues, and collaborations", Science & Technology Libraries, vol. 0, no. 0, 2024. https://doi.org/10.1080/0194262X.2024.2434830.
- Kumar, V., Chandrappa and N. S. Harinarayana, "Exploring dimensions of metadata quality assessment: A scoping review", Journal of Librarianship and Information Science, vol. 57, no. 3, pp. 661–673, 2025.

Dr. Somipam R. Shimray

- Deepti, C., S. R. Shimray, A. Kaba and C. K. Ramaiah, "The Impact of Knowledge Creation, Acquisition, and Capture on Knowledge Sharing: An Investigation Among Nursing Professionals", *DESIDOC Journal of Library & Information Technology*, vol. 45, no. 1, pp. 65–73, Jan. 2025. https://doi.org/10.14429/djlit.20187.
- Shimray, S. R. and P. Nongsiej, "An examination of the 'top 100' articles published in 2023: An altmetric analysis", *Global Knowledge, Memory and Communication*, Sep. 2024. https://doi.org/10.1108/GKMC-02-2024-0083.
- Hurum, U., K. L. Mahawar and S. R. Shimray, "Examining User Opinions, Satisfaction Levels, and Challenges Towards Institutional Repository: An Empirical Study", *DESIDOC Journal of Library & Information Technology*, vol. 44, no. 5, pp. 289–297, Sep. 2024. https://doi.org/10.14429/djlit.44.5.19669.

Dr. Nitesh Kumar Verma

- Verma, N. K., S. K. Yadav and M. K. Verma, "Exploring Online Community Search Interest on Temporal Dynamics of Ayodhya: A Case Study of the Ram Mandir based on Google Search Trends Insight", *Annals of Library and Information Studies*, vol. 71, no. 3, pp. 331–340, 2024.
- Basumatary, B., M. Yuvaraj, N. K. Verma and M. K. Verma, "Mapping of the selected literature on Robotic Technology Applications in Libraries based on SCOPUS database: A Subjective Computational Review", *Library Hi-Tech*, vol. 43, no. 1, pp. 224–248, 2025.

8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. M. P. Singh

- Singh, M. P., P. Bhagat, Arshiya, K. Gupta and S. Bharti, "Navigating challenges and seizing opportunities in implementing the National Education Policy (NEP) 2020 and Vision 2047: The role of libraries", in *Innovative Library Practices in Digital Era: Aligning with National Education Policy for Viksit Bharat 2047*, pp. 731–737, Discount Group of Publication, 2024. ISBN: 978-93-6904-925-7.
- Singh, M. P., P. Bhagat, K. Gupta, Arshiya and S. Bharti, "Revolutionary library space redesign: Makerspaces, design thinking, and GIS for user engagement and spatial

efficiency", in M. Raghunandana (Editor-in-Chief), M. P. Singh, M. T. Manjula and Indrakumara (Eds.), *Digital Landscape in Library 4.0 (DLL 4.0)*, pp. 786–818, Bangalore University, 2024. ISBN: 978-81-9815217-6.

- Singh, M. P., S. Bharti, K. Gupta, Arshiya and P. Bhagat, "Synergistic partnerships: A need of the modern libraries in the changing scenario", in *Innovative Technologies in Librarianship: Challenges and Opportunities* (1st ed.), pp. 367–372, Ocean Publishing House, 2024. ISBN: 978-93-48184-87-0.
- Singh, M. P., K. Gupta, Arshiya, P. Bhagat and S. Bharti, "A scientometric study of effective tools and technologies for optimizing library website performance", in *Innovative Technologies in Librarianship: Challenges and Opportunities* (1st ed.), pp. 373–379, Ocean Publishing House, 2024. ISBN: 978-93-48184-87-0.
- Singh, M. P., P. Bhagat, S. Bharti, K. Gupta and Arshiya, "Mapping the evolution of virtual reality in libraries: A scientometric analysis and future directions", in *Innovative Technologies in Librarianship: Challenges and Opportunities* (1st ed.), Ocean Publishing House, 2024. ISBN: 978-93-48184-87-0.
- Singh, M. P., Arshiya, K. Gupta, P. Bhagat and S. Bharti, "Data integrity and scientific publications: A scientometric study of publication retractions from India", in *Proceedings of the Fifth International Conference on Science & Technology Metrics (STMet 2024)*, 2024. ISBN: 978-93-341-3801-6.
- Singh, M. P., A. Arshiya, K. Gupta, P. Bhagat and S. Bharti, "Scientometric review of retractions within the field of artificial intelligence: Implications for research integrity", in R. Tanwar, S. Sharma, A. K. Pathak, A. S. Thakur and M. Rawat (Eds.), *Research Paradigm in the Age of New Education Policy (NEP) – 2020*, Integrity Education India, 2024. ISBN: 978-81-979937-1-8.
- Singh, M. P., S. Bharti, P. Bhagat, Arshiya and K. Gupta, "Assessment of artificial intelligence tools and their uses", in K. Veeranjaneyulu, G. Rathinasabapathy, M. Madhusudhan and D. D. Lal (Eds.), *Leading the Information Revolution: The Role of LIS in a Connected World*, pp. 334–338, BSP BS Publications, 2024.

Prof. Shilpi Verma

- Verma, S., V. Dubey and S. Verma, "Balancing Sustainability and Inclusivity in Digital Library Services: Strategies, Challenges, and Case Studies", in *Innovative Library Practices in Digital Era: Aligning with National Education Policy for Viksit Bharat 2047*, ed. by R. N. Malviya et al., 2025. ISBN: 9789369049257.
- Mishra, R. R. and S. Verma, "Exploring the Role of E-Libraries and Digital Repositories: Trends, Challenges and Opportunities", in *Innovative Library Practices in Digital Era: Aligning with National Education Policy for Viksit Bharat 2047*, ed. by R. N. Malviya et al., 2025. ISBN: 9789369049257.
- Kumar, V. and S. Verma, "Gautam Buddha Central Library, BBAU's Leadership amidst the COVID-19 Pandemic: Leading Through Crises", pp. 131–138, 2025. ISBN: 9789392711589.
- Kumar, V., O. P. Saini and S. Verma, "Innovative Technologies in Conceptual Coupling of Digital Privacy in Libraries: A Theoretical Framework", in *Librarianship: Challenges and Opportunities*, ed. by D. C. Kar et al., 2024. ISBN: 9789348148870.
- Dubey, V., S. Verma et al., "Unlocking the Future: How Blockchain is Transforming Library Transactions", in *Innovative Technologies in Librarianship: Challenges and Opportunities*, ed. by D. C. Kar et al., pp. 208– [insert last page], 2024. ISBN: 9789348148870.

- Mishra, R. R. and S. Verma, "Green Libraries: Integrating Sustainability into Library Design and Operations", in *Opportunities and Challenges for Libraries in the Changing Education and Social Construct*, ed. by S. Singh et al., 2024. ISBN: 9788195461738.
- Kumar, V., B. Basumatary and S. Verma, "IFLA's Policy and Advocacy for Green Libraries: A Literature Study", in *Opportunities and Challenges for Libraries in the Changing Education and Social Construct*, ed. by S. Singh et al., 2024. ISBN: 9788195461738.
- Joshia, M. and S. Verma, "Copyright and IPR Ethical Issues in Digital Era", in *Opportunities and Challenges for Libraries in the Changing Education and Social Construct*, ed. by S. Singh et al., 2024. ISBN: 9788195461738.
- Kumari, P. and S. Verma, "Indian MOOCs: A Lifelong Learning", in *Opportunities and Challenges for Libraries in the Changing Education and Social Construct*, ed. by S. Singh et al., 2024. ISBN: 9788195461738.
- Dubey, V., S. Verma and S. Verma, "Digital Preservation: Ensuring Access for Future Generations", in *Opportunities and Challenges for Libraries in the Changing Education and Social Construct*, ed. by S. Singh et al., 2024. ISBN: 9788195461738.

Prof. S. K. Sonkar:

- Kumar, S., S. Kumari, S. P. Patel, P. Jha and S. K. Sonkar, "Library Podcast: An Opportunity to Take Your Library Beyond the Walls", in K. Veeranjaneyulu, G. Rathinasabapathy, M. Madhusudhan and D. D. Lal (Eds.), *Leading the Information Revolution: The Role of LIS in a Connected World*, pp. 483–492, BSP BS Publications, 2024.

Dr. Vinit Kumar

- Dev, A. and V. Kumar, "Unveiling the Impact of ICSSR-Funded Research: A Bibliometric Exploration of Social Science Contributions in India", in M. Devi, M. Nazim and M. Mushtaq (Eds.), *Transforming Library Services: Innovation, Access and Research Support*, pp. 87–101, Devyani Publishers and Distributors, Delhi, 2025. ISBN: 978-93-93751-07-2.
- Kushwaha, A. K. and V. Kumar, "Mapping the Scholarly Discourse on National Education Policy (NEP) 2020: A Bibliometric Study", in V. Vikramjeet and H. Chander (Eds.), *Proceedings of the National Conference on Revamping Academic Libraries in the Context of National Education Policy (NEP) 2020: Prospects and Challenges*, pp. 107–121, Shivalik Prakashan, Kangra, Himachal Pradesh, India, 2024. https://doi.org/10.5281/zenodo.16740453.

Dr. Somipam R. Shimray

- Deepti, C., S. R. Shimray, A. Kaba and C. K. Ramaiah, "Knowledge Management Practices Among Medical Students: An Investigation of Knowledge Creation, Acquisition, Sharing, and Capture", in *2024 Global Digital Health Knowledge Exchange & Empowerment Conference (gDigiHealth.KEE)*, Abu Dhabi, United Arab Emirates: IEEE, Sep. 2024, pp. 1–8. https://doi.org/10.1109/gDigiHealth.KEE62309.2024.10761684.

Dr. Nitesh Kumar Verma

- Kushwaha, S. S., U. P. Singh, M. Singh and N. K. Verma, "Mapping the intellectual landscape of glaciology: A scientometric analysis", *International Conference of Asian Academic Libraries (ICAAL 2025) on New Technologies in the Knowledge System & Libraries: Towards Viksit Bharat 2047*, H. Sharma, P. K. Sharma, A. Bhadauria and K. Rahat, Eds., Gwalior: Lion's Publication, pp. 125–135, 2025. ISBN: 9789349740983.
- Kumar, N., N. K. Verma and A. Lal, "Assessing library user perception and satisfaction with green library initiatives at BBAU: A case study", *70th ILA International Conference*

on Libraries and Artificial Intelligence: Empowering Users for Sustainable Knowledge Systems, O. N. Chaubey, M. S. Machendranath, V. Hanchinal, A. Sinha, I. M. Shettar and R. Gaur, Eds., Delhi: Indian Library Association, pp. 66–82, 2025. ISBN: 9788195664337.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. K. L. Mahawar

- Kushwaha, Akanksha & Mahawar, K.L (2024), Presented paper on the topic "Evolving Habits in scholarly Communication of LIS Professional: A Bibliometric study" under the theme "National Seminar Enriching Communities: the Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Hormiyo, Y & Mahawar, K.L (2024), Presented paper on the topic "Use And Awareness Of E-Reference Sources Among LIS Professionals: The Role Of Gautam Buddha Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow" under the theme "National Seminar Enriching Communities: the Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Sony, & Mahawar, K.L (2024), Presented paper on the topic "Upliftment of Weaker Sections Of The Society In Promoting Higher Education: Role Of Gautam Buddha Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow" under the theme "National Seminar Enriching Communities: the Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Mahto, Pradeep Kumar & Mahawar, K.L (2024), Presented paper on the topic "Information Seeking Behaviour Among The Students Of Tribal Language Department, Ranchi University Ranchi: Their Role In Achieving SDG" under the theme "National Seminar Enriching Communities: the Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Kumari, Sweta & Mahawar, K.L (2024), Presented paper on the topic "Cost Effectiveness Of Online Resources In Gautam Buddha Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow" under the theme "National Seminar Enriching Communities: the Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Rinki, Km & Mahawar, K.L (2024), Presented paper on the topic "The impact of Cloud Computing on Library Services" under the theme "National Seminar Enriching Communities: The Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.

Invited Lectures and Resource Persons

- Prof. K. L. Mahawar delivered invited talk as resource person on the Three Days International Conference of Asian Academic Libraries (ICAAL 2025) on the theme

"New Technologies in the Knowledge System & Libraries: Towards Viksit Bharat@ 2047" on 22-24 March 2025 organised by SOS in Library and Information Science Jiwaji University Gwalior in association with Special Libraries Association (SLA-USA) Asia Community and Society for Library Professionals.

- Prof. K. L. Mahawar delivered invited talk as resource person in a Refresher Course on the topic "The Evolution of library and Information Science (LIS) degrees and the advancements in courses curriculum in India" on 18 January 2025 at organised by Department of Library & Information Science, University of Rajasthan, Jaipur.
- Prof. K. L. Mahawar delivered invited talk as resource person in a Refresher Course on the topic "Role of libraries in sustainable development goal (SDG) 4 quality education" on 18 January 2025 at organised by Department of Library & Information Science, University of Rajasthan, Jaipur.
- Prof. K. L. Mahawar delivered invited talk as resource person in a Refresher Course on the topic "The Evolution of library and information science (LIS) degrees the and advancements in courses curriculum in India" under the theme "The Future of Libraries: Prediction and Trends in Library and Information Sciences" on organised on 06 -20 November 2024 by Malaviya Mission Teacher Training Centre (MMTTC) at Doctor Hari Sing Gaur University, Sagar M. P.
- Prof. K. L. Mahawar delivered invited talk of Refresher Course as resource person on the theme "Libraries on Metamorphosis from Clay Tablets to Tabs" on the topic "The Evolution of library and information science (LIS) degrees the and advancements in courses curriculum in India" on 13 – 14 November 2024 organised by Department of Library & Information Science, Jadavpur University, Kolkata.
- Prof. K. L. Mahawar chaired a technical session on two days "National Seminar Enriching Communities: The Role of Emerging Technologies & Techniques in Libraries Towards Societal Advancement & Upliftment" on 10-11 September 2024 organised by Department of Library & Information Science, University of Kashmir and Raja Rammohan Roy Library Foundation (RRRLF) Ministry of Culture, Govt. of India.
- Prof. K. L. Mahawar delivered invited talk as resource person on the Two Days National Conference on the topic "Digital and Technological Advancement for Sustainable Libraries" organised on 20-21 March 2024 by Department of Library & Information Science, Mahatma Gandhi Central University.
- Prof. K. L. Mahawar delivered a keynote talk on 'National e-Conference on Viksit Bhart @ 2047: Role of Library' on 14 March 2024 organized by Rajarshi Janak Central Library, Central University of South Bihar, Bihar, India.
- Prof. K. L. Mahawar delivered invited talk as resource person on the theme "Innovative Library Technologies and Services (NCILTS- 2024)" on 20-21 February 2024 organised by Department of Library & Information Science, University of Rajasthan, Jaipur

Prof. M. P. Singh:

- **Participated and Presented a Paper** in the **Fifth International Conference on Science & Technology Metrics (STMet 2024)** Paper Title: *Data Integrity and Scientific Publications: A Scientometric Study of Publication Retractions from India*, organized by: DIRF, India & UK and Tien Giang University, Held on: *October 17–18, 2024*, Location: *Tien Giang University, My Tho, Vietnam.*
- Participated and Presented a Paper in the International Conference on Digital Landscape in Library 4.0 (DLL 4.0) Organised by: Department of Library and Information Science and Dr. Ambedkar Central Library, Bangalore University Held on: December 24, 2024 Location: Bangalore University, Bengaluru, Karnataka, India

- Participated in the International Conference on Artificial Intelligence and Metaverse in Library and Education 5.0 at Uttaranchal University (AIMLE-2024), Organised by: University MASA+, Held on: 29th September 2024, Location: India

Prof. Shilpi Verma:

- Verma, Shilpi (2025) delivered an invited talk on the topic "Tips for facing the interview" in National Webinar on "How to Face Interview: Some Tips to Crack Interviews" on 18th May 2025, organised by Library Association of Bihar.
- Verma, Shilpi (2025) delivered a Keynote address on "Enhanced Library Services in Next Gen Libraries through Artificial Intelligence" organised by DLIS, Mahatma Gandhi Central University, Motihari, Bihar, held on 21-22 March 2025
- Verma, Shilpi (2025) has delivered a talk on "Digital Libraries and institutional repository" and "Traditional vs Automated Libraries" in one week workshop on Library automation from 18-22 Feb, 2025 in Dr. Ram Manohar Lohia Awadh University, Ayodhya.
- Verma, Shilpi (2025) delivered two invited talks in refresher course in Library and Information Science organised by MMTTC, University of Rajasthan on 15th January 2025
- Verma, Shilpi (2025) delivered a talk on "Digital Preservation of Cultural Heritage" at the International Conference on Re-Imagining in Academic Libraries (ICRAL,2025) organised by Tripura University, Agartala from 09-11 January 2025.
- Verma, Shilpi (2024) delivered an invited talk on "Research Ethics and Plagiarism" in a Multidisciplinary refresher course on recent advances in social science organised by UGC-MMTTC, Ishwar Saran PG College, Prayagraj from 12-28 September, 2024.
- Verma, Shilpi (2024) delivered an invited talk in Short Term Course on MOOCs organised by UGC-MMTTC and Jadavpur University, Kolkata, on the topic MOOCs: New Dimension of Education on 30th of August 2024.
- Verma, Shilpi (2024) delivered an invited talk on "Enhance the capacity of writing a research paper/review of books for publication" in a sponsored "Two-week capacity building program for Young Social Science faculty" organised by BHU, Varanasi from 15th May to 28th May 2024.

Prof. S. K. Sonkar:

- Participated as a resource person in the International Conference on Reimagining smart libraries: emerging technologies. Innovation, and knowledge creation, IILM University, Guru gram during May 10-11,2024
- Participated as a resource person in the International Conference on Opportunities and Challenges for Libraries in the Changing Education and Social Construct (OCLCESC-2024), Vikram University, Ujjain, M.P. during 22-23 August, 2024.
- Participated as a resource person in the International Conference on Artificial Intelligence and Metaverse in Library and Education 5.0, Uttaranchal University during 27-28 September, 2024.
- Participated as Resource person in the 12th International Library Information Professional, Summit (I-LIPS 2024), Galgotias University, 29 November-01 December, 2024.
- Participated as Resource person in the International Conference on Digital Landscape in Library (DLL 4.0), Bangalore University, 02-04 December, 2024.

Dr. Vinit Kumar

- Dr. Vinit Kumar successfully completed Nurturing Future Leadership Programme at Indian Institute of Management, Lucknow from 17th-21st March 2025.

- Delivered an invited talk as Resource Person on "The Significance of AI in Digital Content Creation" in the 2-Day National Workshop on Artificial Intelligence (AI) and Digital Education, organised by CEC, New Delhi in collaboration with EMRC, BBAU, Lucknow. Discussed key features of various AI tools – 28 February 2025.
- Delivered an invited talk on "MOOCs, SWAYAM and Content Creation: Transforming Digital Learning Experiences" in the One-Day Workshop on 'Online Teaching and Learning System—SWAYAM and MOOCS', organised by IQAC, Visva-Bharati University, Shantiniketan, West Bengal – 18 February 2025.
- Delivered an invited lecture as a resource person on "Digital Tools for Online Teaching and Content Creation" in the Short-Term Course on "E-Content Development and Open-Educational Resources" (Offline Mode), organised by UGC-Malaviya Mission Teacher Training Centre (MMTTC), University of Rajasthan, Jaipur – 13 February 2025.
- Delivered an invited lecture as a resource person on "Introduction to Moodle: A Learning Management System" in the Short-Term Course on "E-Content Development and Open-Educational Resources" (Offline Mode), organised by UGC-Malaviya Mission Teacher Training Centre (MMTTC), University of Rajasthan, Jaipur – 13 February 2025.
- Delivered an invited talk on "Scholarly Publication Process: Planning, Preparing, Pre-publication and Post-publication" in the One-Week National Workshop on Navigating Scholarly Communication: Advanced Tools and Techniques in Research (February 3-8, 2025), organised by GSV Central Library, Chhatrapati Sahu Ji Maharaj University, Kanpur – 03 February 2025.
- Delivered an invited talk on "Advanced Searching and Referencing Tools" in the Faculty Development Program organised by Digvijaynath PG College, Gorakhpur – 21 October 2024.
- Delivered an invited talk as a resource person on "Selecting Ideal Target Journal: A Guide for Researchers" in the Online Training Program on Maximising Research Visibility for Agricultural Professionals, organised by the National Institute of Agricultural Extension Management (MANAGE) – 08 October 2024.
- Delivered an invited talk as a resource person on "Reference Management Using Zotero" in the Online Training Program on Maximising Research Visibility for Agricultural Professionals, organised by the National Institute of Agricultural Extension Management (MANAGE) – 08 October 2024.
- Served as a resource person and delivered sessions on Web Scraping, OCR, Handling Datasets, and Fetching Data using APIs during Day 1 of the Two-Day In-House Workshop on "Digital Media Text Analysis", jointly organised by the Department of Library and Information Science and the Department of Journalism and Mass Communication, in collaboration with DST-Technology Enabling Centre, Mizoram University, Aizawl. Tools covered included Tesseract, Postman, BeautifulSoup, and Webscraper – 26 September 2024.
- Delivered an invited talk (online) as a resource person on "Visualising Research Data using VOSviewer and Managing References with Zotero" in the Six-Day Short-Term Programme titled "Empowering Education: Leveraging Cutting-Edge ICT Tools for Teaching and Scholarly Publications", organised by Malaviya Mission Teacher Training Centre (MMTTC), Berhampur University, Berhampur – 16 August 2024.
- Acted as Chief Inaugurator and delivered an invited talk on "Open Access in Scholarly Communication: Recent Trends" in the National Seminar on Open Access Horizons: Exploring the Future of Library and Information Science, organised by Vaidyanath College, Parli Vaijnath, Maharashtra – 26 July 2024.

- Delivered a talk on "Referencing Tools in Social Sciences and Humanities" in the Online Faculty Development Programme on Excellence in University Teaching and Research, organised by Shri Ramswaroop Memorial University, Lucknow – 20 July 2024.
- Delivered an online talk on "AI-Based Tools for Literature Search and Systematic Reviews" in a One-Day Lecture Programme organised by Chakreshwar Saikia Central Library, Nandanath Saikia College, Titabar, Jorhat, Assam – 09 June 2024.
- Delivered an invited talk on "Understanding Target Journal Selection" in virtual mode as part of the Online Training Programme on "Enhancing Scientific & Technical Writing Skills for Agricultural Professionals", organised by the National Institute of Agricultural Extension Management – 27 May 2024.
- Delivered an invited talk on "Reference Management Using Zotero" in virtual mode as part of the Online Training Programme on "Enhancing Scientific & Technical Writing Skills for Agricultural Professionals", organised by the National Institute of Agricultural Extension Management – 27 May 2024.

Dr. Nitesh Kumar Verma

- Verma, Nitesh Kumar (03-05 January, 2025). Presented a paper entitled The Role of Adult Literacy in Achieving SDG-4: A Bibliometric Study of Research Publications. Viksit Bharat 2047: The role of Public Libraries in Preserving Indian Knowledge Systems and Integrating NEP 2020 into Community Libraries. Ashok Goel Library, Rishihood University, Sonipat, Haryana.
- Attended Fourteen Days UGC Sponsored Refresher Course by Malaviya Mission Teacher Training Centre (MMTTC) of University Grants Commission (UGC), Kannur University, Kerala from 28.06.2024 to 11.07.2024.
- Attended One Day Workshop on Driving Discoveries Through Strategic Research Data Management Organised by Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gujarat on 25 April 2024.
- Attended One Day Workshop on Mastering Data Management Plans: Ensuring Accessibility, Reusability, and Data Persistence, Organised by Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gujarat on 23 October 2024.
- Attended Ten Days National Education Policy 2020 Orientation & Sensitisation Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), Organised by Iswar Saran PG College, Prayagraj from 06.06.2024 to 15.06.2024.
- Delivered a lecture on the topic "Accessing E-Resources in different Web Portals" at the Five Days Winter School Workshop on "Research Proposal Writing, Large-scale Data Analysis, and Academic Paper Publishing" organised by the Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, from 23 to 27 December 2024.
- Delivered a lecture on the topic "National Digital Library Portal and Library Automation" at the SEF Librarians' Meet organised by Delhi Public School, ELDECO, Lucknow, Uttar Pradesh on 24th February 2025 at DPS ELDECO, Lucknow, Uttar Pradesh.
- Delivered a lecture on the topic "Cybersecurity in Libraries: Threats & Preventive Measures" at the Five Days Library Automation Workshop 2025, organised by the Central Library, Dr. Rammanohar Lohia Avadh University, Ayodhya, Uttar Pradesh, from 18 to 22 February 2025.
- Delivered a lecture on the topic "RFID Technology: Basics & Applications in Libraries" at the Five Days Library Automation Workshop 2025, organised by the

Central Library, Dr. Rammanohar Lohia Avadh University, Ayodhya, Uttar Pradesh, from 18 to 22 February 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. K. L. Mahawar

- Km Rinki has enrolled for a PhD. With the thesis titled "Awareness and Use of Cloud Computing Technology Among Library Professionals in NIRF Ranked University Libraries In Uttar Pradesh: A Study"
- Pradeep Kumar Mahto has enrolled for a PhD. With the thesis titled "Information Literacy Among Tribal Students in the Government Universities of Jharkhand State: A Study"
- Akansha Kushwaha has enrolled for a PhD. With the thesis titled "Perception and Awareness of Open Educational Resources Among Postgraduate Students in the Central University Libraries of North India: A Study"
- Y. Hormiyo has enrolled for a PhD. With the thesis titled "Obsolescence: An Evaluative Study on Weeding Out in the Central University Libraries of North Eastern Region of India"
- Sony has enrolled for a PhD. With the thesis titled "Acquisition and Subscription Process in The Central University Libraries of North India: An Evaluative Study "
- Rajni Yadav is undergoing Coursework

Prof. M.P Singh

- Ms. Arshiya has enrolled for a PhD. With the thesis titled "Scientometric Study of Global Retracted Publication and Strategies for Maintaining Research Integrity"
- Ms. Suryakala Bharti has enrolled for a PhD. With the thesis titled "Application of Social Intelligence to Enhance Activities and Services of Indian Council of Agricultural Research Institutes' Libraries in Northern India: A Study"
- Ms. Komal Gupta has enrolled for a PhD. With the thesis titled "Critical Evaluation of Efficiency and Performance of National Library Website Across Globe"
- Ms. Pinky Bhagat has enrolled for a PhD. With the thesis titled "Mapping of Global Research Productivity in Geospatial Studies"
- Rithik Bajpai is undergoing Coursework
- Ankit Kumar is undergoing Coursework

Prof. Shilpi Verma

- Rajiv Ranjan Mishra has enrolled for a PhD. With the thesis titled "Role of Library Associations in Promoting Librarianship in India: An Explorative Study"
- Virendra Kumar has enrolled for a PhD. With the thesis titled "Challenges, Strategies, and Licensing in e-Book Collection Building among Select Libraries of National Institutes of Technology: A Study"
- Vikrant Dubey has enrolled for a PhD. With the thesis titled "Exploring Emerging Technology Applications in Libraries of Indian Institutes of Technology in India: Opportunities and Challenges"
- Birgwsri Basumatary has enrolled for a PhD. With the thesis titled "Health Literacy Among Bodo Community with Special Reference to Bodoland Territorial Region in Assam: A Study"
- Shweta Verma has enrolled for a PhD. With the thesis titled "Study of environmental literacy among users of select Indian Institutes of Technology with special reference to sustainable Library Initiatives"

- Manisha Joshia has enrolled for a PhD. With the thesis titled "Role of Libraries in Providing Artificial Intelligence Literacy: A Study of Research Scholars at Select Indian Institutes of Technology Libraries in India"
- Purnima Kumari has enrolled for a PhD. With the thesis titled "User's Satisfaction towards E-Resources in the Library of Government Engineering Colleges of Uttar Pradesh: A Survey"
- Anjali Chaurasiya has enrolled for a PhD. With the thesis titled "Designing an Ontology Model for indigenous Millet cultivation practices: a case study of Kodo Millet"

Prof. S.K. Sonkar

- Surya Prakash Patel has enrolled for a PhD. With the thesis titled "Information Literacy Among Users in Kendriya Vidyalaya Libraries Of Uttar Pradesh: A Study"
- Sumit Kumar has enrolled for a PhD. With the thesis titled "assessment and evaluation of resources and services in the libraries of Indian council of agricultural research institutions in India: a study"
- Sunita Kumari has enrolled for a PhD. With the thesis titled "Gender imbalance and job satisfaction level of women library professionals in university libraries of Uttar Pradesh: a study"
- Dhruv Kumar Tamrakar is undergoing Coursework
- Akanksha is undergoing Coursework

Dr. Vinit Kumar

- Mr. Aman Kumar Kushwaha has enrolled for Ph.D. with the thesis titled "Mapping Research Output and Publishing Preferences of Academics in NIRF Ranked Medical Institutions in India: A Decadal Analysis"
- Mr. Vinay Manral has enrolled for a Ph.D. with the thesis titled "Design and Development of Text Mining Based Knowledge Discovery System for Doctoral Theses in Library and Information Science: A Proposed Model."
- Mr. Anuj Dev has enrolled for a Ph.D. with the thesis titled "Extramural Research Grants Funded by Indian Council of Social Science Research in India: An Evaluative Study."
- Akash Kanojia is undergoing Coursework

Dr. Somipam R. Shimray

- Sakshi Tiwary has enrolled for a Ph.D. with the thesis titled "Relationship between emotional intelligence, artificial intelligence adoption and academic achievement among University students: A study"
- Pratiksha Bharti has enrolled for a Ph.D. with the thesis titled "Development and validation of Indian Library Anxiety Scale"
- Mohammad Zameer has enrolled for a Ph.D. with the thesis titled "Trends in patents grants in India: A bibliometric study"
- Thanshokla Mungkung has enrolled for a Ph.D. with the thesis titled "Measuring the role of artificial intelligence literacy and its impact on the creativity and research performance among research scholars in the North Eastern Region of India"

Dr. Nitesh Kumar Verma

- Milan Singh has enrolled for a Ph.D. with the thesis titled "Professional development of library personnel in central universities of northern India: a study"

- Sagar Singh Kushwaha has enrolled for a Ph.D. with the thesis titled "Research productivity and collaboration of geoscience researchers: a scientometric mapping"
- Amit Lal has enrolled for a Ph.D. with the thesis titled "Status of government district libraries of Uttar Pradesh: a proposed model for library portal"
- Neeraj Kumar has enrolled for a Ph.D. with the thesis titled "Problems in using information communication technology in university libraries of the eastern region of india: an analytical study"

8.3.5.2 Ph.D. Awarded

Professor Shilpi Verma

- Ph. D awarded to Suraj Kumar Dwivedi on the thesis titled "Preservation and Accessibility of Manuscripts in University Libraries and Institutions of Uttar Pradesh: A Study".
- Ph. D awarded to Bipin Kishore Lakra on the thesis titled "Need Awareness and Use of Library Resources among the users of Indian Institutes of Science Education and Research: A Study".
- Ph. D awarded to Rajesh Kumar Paswan on the thesis titled "Need and Awareness, and Use of Collection and Services in Libraries of National Institute of Pharmaceutical Education & Research in India: A Study".
- Ph. D awarded to Shikha Patel on the thesis titled "Academic Use of Web 2.0 Technology Among LIS Research Scholars in Central Universities of Northern and North Eastern Region of India".
- Ph. D awarded to Pratibha Kumari on the thesis titled "An Assessment of Services and Facilities Rendered by Central University Libraries for Divyangjan in Northern India: A Study".

8.3.6 Projects/Consultancy/and any other - Nil

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. K. L. Mahawar

- Received Lifetime achievement award offered by Mahatma Gandhi Central University.

Prof. Shilpi Verma

- Prof. Shilpi Verma was honoured with the Best Teacher Award in a Two-day national conference on enhanced services of next-gen libraries through Artificial Intelligence held from 21-22 March 2025 at Mahatma Gandhi Central University, Motihari, Bihar.
- Prof. Shilpi Verma (2024) received award on 75th Republic Day for her Outstanding Achiever Award for excellent performance as Member Secretary, Steering Committee, NAAC offered by BBAU, Lucknow

Prof. S. K. Sonkar

- Received Research Excellence Award
- Received Best Scientist Award

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	10
2.	Total number of journal publications by Department (International)	5
3.	Total number of publications in conference proceedings	24

4.	Total number of workshops/conferences/seminars/etc organized by Department	Nil
5.	Total number of PhD degree awarded by Department	5
6.	Total number of PG students	28
7.	Total number of UG students	33
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	01
10	Total number of Award and Medals	5
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	11
17	Total number of total number of students opted for higher studies	Nil

Department of Information Technology

About the Department

The Department of Information Technology (DIT) was established in 2006–2007. It offers M.Sc. (Information Technology), M.Tech. (Software Engineering), M.Sc. (Cyber Security - Evening), and Ph.D. programmes.

The Department has modern facilities including Computing Lab, Smart Classrooms, Research Lab, Server Room, and Departmental Library. A Wi-Fi enabled campus supports advanced IT training. Students are encouraged to work on real-time projects, research, seminars, and group discussions. The curriculum is regularly updated with industry consultation.

Strengths

- Research-driven faculty with high-quality publications, patents, and citations.
- Modern infrastructure with Smart Classrooms, Wi-Fi, and research labs.
- Strong research funding from UGC/DST/UPCST.
- Books and chapters published with reputed international publishers.
- Contribution to society through Cybersecurity and Digital Literacy awareness.

Next Year Plan (2025-26)



- Strengthen industry tie-ups for improved placements.
- Establish MoUs with national and international universities.
- Organize more seminars, workshops, and FDPs.
- Build stronger alumni network for mentorship and career support.
- Expand consultancy and extension activities in AI, Cyber Security, IoT.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum framed in consultation with industry experts and practitioners.

1.2 Curricular Planning and Implementation

- Four academic programs (PG + PhD) with updated syllabus.

1.3 Academic Flexibility



- Evening programme in Cyber Security.
- Interdisciplinary research opportunities.

1.4 Curriculum Enrichment



- Emphasis on co-curricular and professional skill development.

1.5 Feedback System

- Feedback collected from students and industry for curriculum reforms.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 35 PG students, 18+ PhD students pursuing.
- 42 PG students completed during 2024–25.

2.2 Catering to Student Diversity



- Personalized guidance for project-based learning and research.

2.3 Teaching-Learning Process



- ICT-enabled teaching through Smart Classrooms.
- Seminars, group discussions, project-based learning.

2.4 Teacher Profile and Quality



- 7 qualified faculty members, all Ph.D. holders with strong research profiles.

2.5 Evaluation Process and Reforms



- Continuous assessment via projects, seminars, viva.

2.6 Student Performance and Learning Outcomes



- PG results satisfactory; many students pursuing higher research.

2.7 Student Satisfaction Survey

- Feedback reflects quality teaching and strong research culture.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Active research culture with labs and project funding.

3.2 Resource Mobilization for Research



- Projects funded by UGC, DST, UPCST worth ₹30+ lakhs.

3.3 Innovation Ecosystem

- Patent granted (IoT-based EV Device).

3.4 Research Publications and Awards



- 48 research publications in 2024–25 (24 National + 24 International).
- Books/Book Chapters published with CRC Press, Elsevier, Academic Press.

3.5 Consultancy

- Faculty provided consultancy in AI, Cyber Security, Data Science.

3.6 Extension Activities

- Awareness programs on AI, Cybersecurity, and Digital Literacy.

3.7 Collaboration

- Collaboration with national-level institutions and industries.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, labs, server room, and departmental library.

4.2 Library as a Learning Resource

- Reference materials and updated IT resources available.

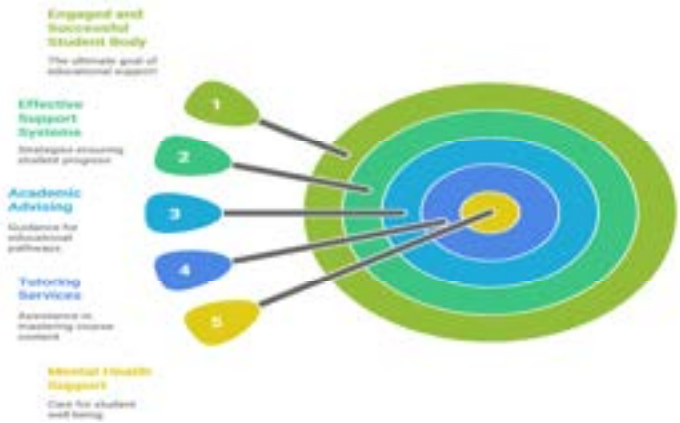
4.3 IT Infrastructure

- Fully Wi-Fi enabled with servers, access points.

4.4 Maintenance of Campus Infrastructure

- Regular maintenance and upgrading of IT infrastructure.

5. Student Support and Progression



5.1 Student Support

- Guidance for civil services, research fellowships, and placements.

5.2 Student Progression

- 42 PG students completed in 2024–25.

5.3 Student Participation and Activities

- Limited extra-curricular and co-curricular activities.

5.4 Alumni Engagement

- Alumni contributing in academia, research, and industry.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: Promote modern IT education and research to the highest level.

6.2 Strategy Development and Deployment

- Focus on funded projects, publications, and skill development.

6.3 Faculty Empowerment Strategies

- Faculty encouraged for research, patents, and consultancy.

6.4 Financial Management and Resource Mobilization

- Funded projects from UGC, DST, UPCST.

6.5 Internal Quality Assurance System

- Academic audit and continuous feedback mechanism.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Digital literacy for citizens, Cyber security awareness.

7.2 Best Practices

- Real-time project-based curriculum.
- Faculty engagement in national media for knowledge dissemination.

7.3 Institutional Distinctiveness

- High faculty research output (48 publications, books, patents).
- National recognition via AIR, Doordarshan, and CII talks.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Raj Shree**
  Associate Professor & Head
  Specialization: Mobile Ad Hoc Networks, Wireless Sensor Network, Routing, Security, Image Processing.
  Qualification: MCA, M.Tech, NET, Ph.D.

- **Prof. R.A. Khan**
  Professor
  Specialization: Software Quality Estimation, Software Testing, Software Security.
  Qualification: MCA, Ph.D.

- **Dr. Dhirendra Pandey**
  Associate Professor
  Specialization: Software Security, Information Security, Big Data Security, Network Security.
  Qualification: M.Sc. (Computer Sc.), M.Phil. (Computer Sc.), Ph.D (Computer Sc.), JRF- NET.

- **Dr. Pawan Kumar Chaurasia**
  Associate Professor
  Specialization: Software Engineering, Data Mining, Machine Learning.
  Qualification: MCA, Ph.D.

- **Dr. Alka**
  Assistant Professor
  Specialization: Digital Forensics, Fog Security, Software Security, Information Security, Big Data Security, Network Security.
  Qualification: B.Sc., MCA, Ph.D. (IT), GATE, NET.

- **Dr. Amit Kumar Singh**
  Assistant Professor
  Specialization: Performance Modelling, Communication Networks, Quantum Computing.
  Qualification: M.Tech, Ph.D.

- **Dr. Abhishek Verma**
  Assistant Professor
  Specialization: Internet of Things, Software-Defined Networking, Network Security, Intrusion Detection, Information Security.
  Qualification: B.Tech., M.Tech., Ph.D.

8.2 Various Positions held in & out the Institution -

Dr. Raj Shree

- Head of Department, Department of Information Technology, BBAU, LKO
- Associate NCC Officer, 20 UP Girls Bn. NCC, LKO

Prof. R.A. Khan

- Chief Vigilance Officer
- Web Information Manager
- Director, UIET BBAU, Lucknow

Dr. Dhirendra Pandey

- Head, Computer Engineering, UIET
- Coordinator- UGC Samarth Portal
- Nodal Officer- UGC CU Portal
- Nodal Officer- UGC Aishe Portal
- Nodal Officer- UGC Utsah Portal

Dr. Pawan Kumar Chaurasia

- Assistant Dean Student Welfare (Hostel Allotment), Babasaheb Bhimrao Ambedkar University, Central University, Lucknow (2025-till now).
- NSS Coordinator, Babasaheb Bhimrao Ambedkar University, Lucknow from January 2021-Till Now.
- Member, Board of Studies (BOS), Department of Computer Science and Information Technology, Qwaja Moinudin Chisti Urdu Arabi Farsi University, Lucknow. 2024.

Dr. Alka

- Social media in BBAU's social media Team
- Warden (Admin), Savitribai Phule Hostel, BBAU
- Member, Committee of Student Welfare, BBAU
- Assistant Co-ordinator, Online Entrance Test (2018-19), BBAU
- Warden (Maintenance), Chitralekha Girls Hostel, BBAU

Dr. Amit Kumar Singh

- Coordinator, Samarth Cell
- Departmental Placement Coordinator
- Departmental IQAC Coordinator
- Member, Admission Monitoring Committee

Dr. Abhishek Verma

- Coordinator, AISHE Portal, BBAU.
- Assistant Director, University Computer Centre, BBAU.
- Warden, OBC Boys Hostel, BBAU.
- Member, Institution's Innovation Council (IIC), BBAU.

8.3 Research Publications

8.3.1 Research Articles

Dr. Raj Shree

- Shukla, A. K., Shree, R., & Narayan, J. (2024). Combining Fusion-Based Thresholding and Non-Linear Diffusion for Improved Speckle Noise Mitigation in SAR Images. Applied Sciences, 14(19), 8985. https://doi.org/10.3390/app14198985

Prof. R.A. Khan

- A. Alharbi, W. Alosaimi, H. Alyami, et al., "Selection of data analytic techniques by using fuzzy AHP TOPSIS from a healthcare perspective," BMC Medical Informatics and Decision Making, vol. 24, p. 240, 2024, Doi: 10.1186/s12911-024-02651-8.
- S. Kumar, M. Ahmad, S. K. Maurya, et al., "Soft computing-driven framework for enhanced security in medical image transmission," Proceedings of the National Academy of Sciences, India, Section A: Physical Sciences, vol. 95, pp. 177–189, 2025, Doi: 10.1007/s40010-025-00919-w.
- R. Kumar, S. A. Khan, N. Alharbi, and R. A. Khan, "Code of silence: Cyber security strategies for combating deepfake disinformation," Computer Fraud & Security, vol. 2024, no. 4, 2024, Doi: 10.12968/S1361-3723(24)70013-X.

Dr. Dhirendra Pandey

- Khan, A., Varish, N., Pandey, D., Rizvi, S. Q. A., Mehrotra, S., & Parveen, N. (2024). Model-based recognition in robot vision for monitoring built environments. Multimedia Tools and Applications, 84(12), 10137–10154. https://doi.org/10.1007/s11042-024-19323-4
- Kumar Sahu, V., Pandey, D., Singh, P., Haque Ansari, M. S., Khan, A., Varish, N., & Khan, M. W. (2024). An empirical analysis of evolutionary computing approaches for IoT security assessment. Journal of Intelligent & Fuzzy Systems, 1–13. https://doi.org/10.3233/jifs-233759
- Joshi, M., Pandey, D., Pandey, V., & Khan, M. W. (2025). A fusion framework for Hinglish cyberbullying detection using mBERT and FastText. International Journal of Engineering in Computer Science, 7(1), 7–14. https://doi.org/10.33545/26633582.2025.v7.i1a.149

Dr. Pawan Kumar Chaurasia

- P K Chaurasia et. al. (2025), "Soft Computing-Driven Framework for Enhanced Security in Medical Image Transmission", National Academy of Sciences, India Section A: Physical Sciences, Springer Journal, Volume 95, Issue 1, ISSN: 2250-1762, pp-177-179 https://doi.org/10.1007/s40010-025-00919-w, Impact Factor (0.8).
- P K Chaurasia et. al (2025), "Authentication schemes for Post Cloud Computing-enabled IoT Models: A Systematic Review", International Journal SGS Engineering and Science,Vol 1, Issue 1, ISSN: 3048-5010, https://spast.org/techrep/article/view/5220

Dr. Alka

- R. Kumar and A. Agrawal, "Using blockchain to secure biometric healthcare apps," Biometric Technology Today, vol. 2024, no. 4, Apr. 2024

Dr. Abhishek Verma

- A. Verma, S. K. Verma, A. C. Pandey, J. Grover, and G. Sharma, "Li-MSD: A lightweight mitigation solution for DAO insider attack in RPL-based IoT," Future Generation Computer Systems, vol. 159, pp. 327–339, 2024.
- A. Mudgal, A. Verma, M. Singh, K. S. Sahoo, E. Elmroth, and M. Bhuyan, "FloRa: Flow table low-rate overflow reconnaissance and detection in SDN," IEEE Transactions on Network and Service Management, vol. 21, no. 6, pp. 6670–6683, 2024.
- S. Goel, A. Verma, and V. K. Jain, "Design and implementation of a lightweight mitigation solution for addressing network partitioning attack against RPL protocol," Wireless Personal Communications, vol. 139, no. 4, pp. 2027–2050, 2024.

8.3.2 Books / Edited Books

Prof. R.A. Khan

- S. Ahmad Khan, M. Faisal, N. Alharbe, R. Kumar, and R. Ahmad Khan, Eds., Computational Intelligence Applications in Cyber Security, 1st ed. Boca Raton, FL, USA: CRC Press, 2024, Doi: 10.1201/9781003514312.

Dr. Pawan Kumar Chaurasia

- Pawan Kumar Chaurasia (2025), Recent Trends in Science and Technology, Shree Publishers and Distributors, New Delhi, ISBN: 978-3-031-88041-4.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Raj Shree

- Ashwani Kant Shukla, Raj Shree, Ravi Prakash Pandey, Vivek Shukla, Karm Veer Arya. (2025). "The future of digital twin technology in healthcare", Digital Twin Technology for Better Health, CRC Press

Dr. Dhirendra Pandey

- Mishra, D., Chaurasia, P. K., Pandey, D., Alka, & Verma, V. R. (2025). Bio - Medical Waste Management: Deep Learning Approach. In Communications in Computer and Information Science (pp. 94–106). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-88042-1_8
- Satyarthi, S., & Pandey, D. (2024). Model-Based Testing for Efficient Security and Work Flow for Secure Software Development. In Recent Advances in Computational Intelligence and Cyber Security (pp. 214–221). CRC Press. https://doi.org/10.1201/9781003518587-22
- Sahu, V. K., Pandey, D., Khan, R. A., Waris Khan, M., & Pandey, V. (2024). An Enhanced Layered IoT-Architecture for IoT Applications Against Cyber-Attacks. In Recent Advances in Computational Intelligence and Cyber Security (pp. 222–235). CRC Press. https://doi.org/10.1201/9781003518587-23

Dr. Pawan Kumar Chaurasia

- Pawan Kumar Chaurasia (2025): "Bio - Medical Waste Management: Deep Learning Approach", Soft Computing and Its Engineering Applications (icSoftComp 2024), 6th

International Conference, icSoftComp 2024, Bangkok, Thailand, December 10–12, 2024, ISBN: 978-3-031-88041-4, Revised Selected Papers, Part II, SPRINGER Scopus

- Pawan Kumar Chaurasia (2025): "Transitioning from Industry 4.0 to Industry 5.0: Exploring the potential and implications", Advances in Science, Engineering and Technology, CRC Press, ISBN 9781041076476, 602 Pages https://doi.org/10.1201/9781003641544
- Pawan Kumar Chaurasia (2024): Diabetic Retinopathy Detection using Machine Learning Approach, CRC Press, Challenges and Opportunities in Innovation in India, ISBN: 978-1-003-60626-0, DOI: 10.1201/9781003606260

Dr. Alka

- V. Verma, S. Kumar, and A. Agrawal, "Enhancing Early Diabetes Prediction Using Extra Tree Classifier: A Machine Learning Approach," in Proc. National Conference on Recent Trends in Science and Technology, Feb. 2025.
- A. Agrawal, et al., "Quantum Security in Cyber Risk Analysis Through Fuzzy Analytic Hierarchy Process," Journal of Information Security and Cybercrimes Research, vol. 7, no. 2, pp. xx–xx, Dec. 2024.
- A. Agrawal, et al., "Optimal Dispatch Strategy for Roof Top Solar PV-Based EV Charging Stations," in Proc. 2025 10th Int. Conf. Signal Processing and Communication (ICSC), pp. 494–499, 2025.

Dr. Amit Kumar Singh

- A. K. Shukla, S. Upadhyay, R. Shree, A. K. Singh, "An impact of reliability in healthcare Internet of Things (HIOT)," in Intelligent Biomedical Technologies and Applications for Healthcare 5.0, pp. 147-151, 2024.
- A. R. Dalabehera, S. Bebortta, A. K.Singh, D. Senapati, "Real-time Criticality Evaluation Through Vision-based Human-centric Emotion, Activity and Object Interactions" in Proc. 2024 1st International Conference on Cognitive, Green and Ubiquitous Computing (IC-CGU), pp.1-6, 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Raj Shree

- International Conference on Future of Computer Science with AI: Theory, Practice, and Impact-2025 organized by DCS&E, IET, Dr. Bhimrao Ambedkar University, Agra on 25th – 27th September 2025. Paper Titled "Multi-Scale Diffusion Methods for Speckle-Noise Suppression in Synthetic Aperture Radar (SAR) Images".

Dr. Dhirendra Pandey

- Invited talk on "Digital Literacy for Senior Citizens" at All India Radio (AIR FM:100.70) – May 19 2024.
- Invited talk on "Use of Artificial Intelligence" Door Darshan Uttar Pradesh (08.04.2024 – 09PM).

Dr. Pawan Kumar Chaurasia

- P K Chaurasia (2025 September): Proposed Framework for Sustainable BioMedical Waste Management in Smart Cities: Artificial Intelligence Techniques", International Conference on Next Generation Technology in Science and Engineering (ICNGTSE-2025) held on August 22-23, 2025 at the Pranveer Singh Institute of Technology (PSIT) in Kanpur. (Springer Nature: Scopus).

- P K Chaurasia (2024, December), Bio-Medical Waste Management: Deep Learning Approach, 6th International Conference on Soft Computing and Its Engineering Applications organized by the Charotaor University of science and Technology (icSoftComp2024) held during December 10-12, 2024, Bangkok, Thailand.
- P. K. Chaurasia (2024, February) Sustainable Healthcare Practices: Bio-Medical Waste Segregation through IoT and Machine Learning, in International Conference on "Waste Recycling & Environment Technology (WRET-2024) held during 8-9th February 2024, Organized by the Department of Environmental Science, Babasaheb Bhimrao Ambedkar Central University, Lucknow, India.
- P. K. Chaurasia (2024, February) Unmasking social fake news: Machine learning approach, in International Conference on "Waste Recycling & Environment Technology (WRET-2024) held during 8-9th February 2024, Organized by the Department of Environmental Science, Babasaheb Bhimrao Ambedkar Central University, Lucknow, India.
- P. K Chaurasia (2024, February), Diabetic Retinopathy Detection using Machine Learning Approach. In 7th International Conference on Challenges and Opportunities for Innovation in India, Organized by Ambalika Institute of Management & Technology, 23-24 February 2024.
- P. K Chaurasia (2024, February), Leaf Disease Detection using Machine Learning Approach. In 7th International Conference on Challenges and Opportunities for Innovation in India, Organized by Ambalika Institute of Management & Technology, 23-24 February 2024.
- Expert Lecture in INTERNATIONAL CONFERENCE ON CYBER ETHICS AND DATA.
- PROTECTION (IC-CEDP 2025)" 01-03 May 2025 on "Digital Personal Data and Cyber Ethics in Today's Era" organized by Lucknow Public College of Professional Studies, Vinamra Khand, Gomti Nagar, Lucknow.
- Expert Lecture in Malaviya Mission Teacher Training Centre, University Grant Commission Sponsored Online Short-Term course 07 February -24 February 2025, on "Cyber Crime and Forensic Law in India" organized by Ishwar Sharan Degree College, University of Allahabad, Prayagraj.121. Expert Lecture in Malaviya Mission Teacher Training Centre, University Grant Commission Sponsored Online Short-Term course 07 February -24 February 2025, on "Use of Digital Technology in Research" organized by Ishwar Sharan Degree College, University of Allahabad, Prayagraj.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course 22 May -08 June 2025, on "Cyber Crime and Forensic Law" organized by Ishwar Sharan Degree College, University of Allahabad, Prayagraj.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course (19-11-2024 – 04-12-2024) on "Role of ICT in Cybercrime and Its Laws in India" organized by UGC-Malaviya Mission Teacher Training Centre, Punjabi University, Patiala.
- P K Chaurasia (2024, December), 6th International Conference on Soft Computing and Its Engineering Applications organized by the Charotaor University of science and Technology (icSoftComp2024) held during December 10-12, 2024, Bangkok, Thailand.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course 23 November 2024, on "Challenges of Cyber Crime and Law in India" organized by Ishwar Sharan Degree College, University of Allahabad, Prayagraj.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course 26 October 2024, on "Role of ICT

in Cyber Crime and Law in India" organized by Ishwar Sharan Degree College, University of Allahabad, Prayagraj.

- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course (10th - 16th) September 2024, on "Cyber Crime Trends and Security Challenges in India" organized by GNDU, Amritsar.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short-Term course (10th - 16th) September 2024, on "Cyber Forensic and Law Challenges in India" organized by GNDU, Amritsar.
- Cyber Security Expert in 3rd edition on Cyber Security & Data Protection 2024 on 20th June 2024 at Lucknow, Organized by Confederation of Indian Industry (CII) Plot – A, Vibhuti Khand, Gomti Nagar Lucknow.

Dr. Alka

- Invited Lecture (Guest Lecture) on "Security Challenges of Fog Computing" to BCA students at Study Hall College, Lucknow (20 Mar 2024).

Dr. Abhishek Verma

- Distinguished Speaker for delivering an expert lecture on "Improving Resilience of Resource-Constrained Networks Against Cyber Attacks" in the Department of Computer Application, Integral University, Lucknow, on February 4, 2025, in Hall 2, Central Auditorium.
- Speaker for delivering an expert lecture in the Short-Term Course on "Research and Industry Trends in Data Science for Cyber Security (RITDC-2024)" organized by the Department of Computer Science & Engineering, NIT Kurukshetra, Kurukshetra, Haryana, on June 13, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Dr. Raj Shree

- Apoorva Singh, under the guidance of Dr. Raj Shree, is pursuing a Ph.D. on "Zero Shot Image Classification Using Pseudo Labels" with the support of a Non-NET Fellowship.
- Ashwani Kant Shukla, under the guidance of Dr. Raj Shree, is pursuing a Ph.D. on "Design of a Fusion-Based Framework for Despeckling of Synthetic Aperture Radar (SAR) Images" with the support of a Non-NET Fellowship.

Prof. R.A. Khan

- Sandeep Kumar Verma, under the guidance of Prof. R. A. Khan, is pursuing a Ph.D. on "Industry 5.0 in Healthcare Perspective" with the support of a Non-NET Fellowship.
- Mausmi Devi, under the guidance of Prof. R. A. Khan, is pursuing a Ph.D. on "Oral Cancer Early Prediction Using Machine Learning and Deep Learning" with the support of an RJNF Fellowship.
- Shahabaj Ahamad, under the guidance of Prof. R. A. Khan, is pursuing a Ph.D. with the support of a Non-NET Fellowship.
- Sonam, under the guidance of Prof. R. A. Khan, is pursuing a Ph.D. with the support of a Non-NET Fellowship.
- Sakshi Rastogi, under the guidance of Prof. R. A. Khan, is pursuing a Ph.D. with the support of a Non-NET Fellowship.

Dr. Dhirendra Pandey

- Richa Kesharwani, under the guidance of Dr. Dhirendra Pandey, is pursuing a Ph.D. on "Machine and Deep Learning Approaches for the Effective Classification of Remote Sensing Images" with the support of a Non-NET Fellowship.
- Dipanshu Mishra, under the guidance of Dr. Dhirendra Pandey, is pursuing a Ph.D. with the support of a Non-NET Fellowship.

Dr. Pawan Kumar Chaurasia

- Madhulika Sharma, under the guidance of Dr. P. K. Chaurasia, is pursuing a Ph.D. with the support of a Non-NET Fellowship.
- Savitri Devi Singh, under the guidance of Dr. P. K. Chaurasia, is pursuing a Ph.D. with the support of a Non-NET Fellowship.
- Akash Singh, under the guidance of Dr. P. K. Chaurasia, is pursuing a Ph.D. with the support of a Non-NET Fellowship.

Dr. Alka

- Vishal, under the guidance of Dr. Alka, is pursuing a Ph.D. on "Classification and Prediction of Diseases Using Machine Learning Techniques in the Healthcare Domain" with the support of a Non-NET Fellowship.
- Anuj Kumar, under the guidance of Dr. Alka, is pursuing a Ph.D. on "Security in Digital Forensics Using Blockchain" with the support of an NFSC Fellowship.

Dr. Amit Kumar Singh

- Jaya Yadav, under the guidance of Dr. Amit Kumar Singh, is pursuing a Ph.D. on "Stochastic Modeling for Optimizing Traffic Steering in O-RAN" with the support of a Non-NET Fellowship.
- Baljeet Ram, under the guidance of Dr. Amit Kumar Singh, is pursuing a Ph.D. on "Optimizing Performance and Energy Efficiency in O-RAN" with the support of an NFSC (RGNF) Fellowship.
- Vipin Kumar, under the guidance of Dr. Amit Kumar Singh, is pursuing a Ph.D. on "QoS-Based Resource Allocation in Macro/Micro Cells under O-RAN" with the support of a Non-NET Fellowship.

Dr. Abhishek Verma

- Preeti Ranjan, under the guidance of Dr. Abhishek Verma and Dr. Neeraj Kumar Tiwari as co-guide, is pursuing a Ph.D. on "Security Solutions for SDN" with the support of a UGC-JRF Fellowship.

8.3.5.2 Ph.D. Awarded

Prof. R.A. Khan

- Suman, under the guidance of Prof. R. A. Khan, completed a Ph.D. on "Software Security Testing: Vulnerability Assessment and Penetration Testing Security Challenges" with the support of a Non-NET Fellowship.
- Masood Ahmad, under the supervision of Prof. R. A. Khan and Dr. Rajeev Kumar as co-guide, completed a Ph.D. on "Medical Device Security Assessment Through Computational Technique" with the support of a PwD NFST Fellowship.

Dr. Dhirendra Pandey

- Sandhya Satyarthi, guided by Dr. Dhirendra Pandey, completed a Ph.D. on "Identification and Removal of Requirement Specification Defects Using Defect

Detection Reading Techniques and Tools for Quality Software" under the RGNF Fellowship.

- Manish Joshi, guided by Dr. Dhirendra Pandey, completed a Ph.D. on "Detection of Cyberbullying in Code-Mixed Language Using Soft Computing Techniques" under the RGNF Fellowship.

8.3.6 Projects/Consultancy/and any other

Prof. R.A. Khan

- Advancing Healthcare Transformation in Uttar Pradesh: Crafting Secure and User-Centric Health Information Systems through AI and ML in the Era of Industry.

Dr. Pawan Kumar Chaurasia

- "Design and Development of Framework for Bio-Medical Waste Segregation using Internet of Things and Machine Learning Approach to Elevate the 'Swachha Bharat' in Hospitals of Uttar Pradesh" is funded by UPCST, Lucknow with a total grant of ₹11.94 lakh for a duration of three years (2022–2025), serving as the Principal Investigator (PI)
- "Advancing Healthcare Transformation in Uttar Pradesh: Crafting Secure and User-Centric Health Information System Through AI and ML in the Era of Industry 5.0" is funded by UPCST, Lucknow with a total grant of ₹10.72 lakh for a duration of three years (2024–2026), serving as the Co-Principal Investigator (Co-PI).
- The design patent titled "AI-Enabled Disease Detection Medical Device" has been granted under Patent Number 458924-001. The date of award is 15th May 2025, and the date of grant is 1st August 2025.
- The design patent titled "AI-powered Personal Assistance Robot" has been granted under Patent Number 439370. The date of award is 3rd December 2024, and the date of grant is 6th February 2025.
- The patent application titled "A Bio-Medical Waste Segregation System and Method Thereof" was published under Application Number 202411022696 on 10th May 2024.
- The design patent titled "IoT Based Electric Vehicle Energy Consumption Predicting Device" has been granted under Patent Number 409667. The date of award is 7th March 2024, and the date of grant is 10th May 2024.

Dr. Alka

- "Design and Development of Framework for Bio-Medical Waste Segregation using Internet of Things and Machine Learning Approach to Elevate the 'Swachha Bharat' in Hospitals of Uttar Pradesh" (Project I.D. 1040) is funded by the Council of Science and Technology, Uttar Pradesh, with a total grant of ₹11.94 lakh for a duration of three years (2023–2026).
- "Advancing Healthcare Transformation in Uttar Pradesh: Crafting Secure and User-Centric Health Information Systems Through AI and ML in the Era of Industry 5.0" is funded by the Council of Science and Technology, Uttar Pradesh, with a total grant of ₹10.72 lakh for a duration of two years (2024–2026) and is a major project.
- "Design and Development of Power Grid Stability Pipeline Machine Mechanism to Make Pradhan Mantri Surya Ghar: Muft Bijli Yojna More Versatile" is funded by the Council of Science and Technology, Uttar Pradesh, with a total grant of ₹7.72 lakh for a duration of two years (2024–2026).

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Pawan Kumar Chaurasia

- BEST TEACHER AWARD-2025 in School of Information Science and Technology (SIST), Babasaheb Bhimrao Ambedkar University, Lucknow,
- Appreciation Letter, awarded by the Election Commission of Uttar Pradesh as a Contribution to SVEEP (Systematic Voters' Education and Electoral Participation Program) on 25th January 2024.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	10
2.	Total number of journal publications by Department (International)	5
3.	Total number of publications in conference proceedings	24
4.	Total number of workshops/conferences/seminars/etc organized by Department	Nil
5.	Total number of PhD degree awarded by Department	5
6.	Total number of PG students	28
7.	Total number of UG students	33
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	01
10	Total number of Award and Medals	5
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	11
17	Total number of total number of students opted for higher studies	Nil

भाषा एवं साहित्य विद्यापीठ (School of Languages and Literature)

विश्वविद्यालय के अंतर्गत स्थापित भाषा एवं साहित्य विद्यापीठ शिक्षा एवं समाज के क्षेत्र में महत्तर उद्देश्यों की पूर्ति करता है। इसके अधीन निम्नलिखित विभागों का संचालन प्रस्तावित है– अंग्रेजी, हिंदी, उर्दू एवं अन्य विदेशी भाषाएँ। विद्यापीठ का लक्ष्य भाषा एवं साहित्य के शिक्षण के माध्यम से अध्येताओं में ज्ञान एवं संवेदना का विकास एवं विस्तार करना है। उच्चतर शिक्षा को केंद्र में रखते हुए विद्यापीठ की संकल्पना का यह प्रधान ध्येय है कि भाषाओं के शिक्षण में अंतर–अनुशासनिक शिक्षण को महत्व दिया जाय एवं उनकी प्रकृति को समावेशी बनाया जाय। विद्यापीठ के माध्यम से विभिन्न भाषाओं और साहित्य के बीच तुलनात्मक शिक्षण एवं शोध को बढ़ावा देना है। इनके साथ ही साथ विद्यापीठ भाषा एवं साहित्य के क्षेत्र में उच्चस्तरीय शोध को अवधारित, विकसित एवं परिमार्जित करता है। भाषा एवं साहित्य विद्यापीठ परम्परागत अनुसंधान से भिन्न समाज एवं संस्कृति के अप्रकाशित, अनछुए पहलुओं पर अनुसन्धान कार्य को भी प्रोत्साहित करता है। वर्तमान में विद्यापीठ के अंतर्गत हिंदी विभाग एवं अंग्रेजी विभाग (सैटेलाईट कैम्पस) का संचालन हो रहा है। शीघ्र ही अन्य विभागों को स्थापित किये जाने की भी सम्भावना है।

- **विभागों की संख्याः 02–** हिंदी विभाग, अंग्रेजी विभाग (सैटेलाईट कैम्पस)
- **संकाय सदस्यों की संख्या (विभागवार):** हिंदी विभाग 06, अंग्रेजी विभाग, 01

हिंदी विभाग (Department of Hindi)

विभाग के बारे में (About the Department)

हिंदी विभाग 2013 में स्थापित हुआ। यह विभाग भाषा और साहित्य के अध्ययन-अध्यापन तथा शोध को समर्पित है। विभाग में M.A. Hindi, Ph.D. Hindi तथा PG Diploma in Translation संचालित किए जाते हैं। विभाग का उद्देश्य विद्यार्थियों में भाषा-संवेदनशीलता, साहित्यिक दृष्टि तथा शोधाभिरुचि विकसित करना है।

विभाग की प्रमुख शक्तियाँ (Strength)

- अनुभवी एवं शोधमुखी शिक्षकों की टीम (6 स्थायी शिक्षक)।
- नियमित रूप से संगोष्ठियाँ, व्याख्यान एवं कार्यशालाएँ।
- विद्यार्थियों का NET/JRF जैसी परीक्षाओं में चयन (08 विद्यार्थी सफल)।
- आधुनिक स्मार्ट क्लासरूम की सुविधा।
- राष्ट्रीय एवं अंतर्राष्ट्रीय स्तर पर शोधपत्र प्रकाशन और सम्मान।
- सामाजिक व सांस्कृतिक गतिविधियों में सक्रिय भागीदारी (वृक्षारोपण, सांस्कृतिक आयोजन, समाजोपयोगी व्याख्यान)।

अगले वर्ष की कार्ययोजना (Next Year Plan)



पाठ्यक्रम विस्तार

- अनुवाद अध्ययन, लोकसाहित्य और मीडिया अध्ययन पर नए वैकल्पिक पाठ्यक्रम शुरू करना।

शोध संवर्धन

- UGC/ICSSR की शोध परियोजनाओं के लिए प्रस्ताव भेजना।

बुनियादी ढाँचे का विकास

- विभागीय पुस्तकालय की स्थापना तथा ICT संसाधनों का विस्तार।

सहयोग व साझेदारी

- अन्य विश्वविद्यालयों एवं शोध संस्थानों के साथ MoU कर शैक्षणिक सहयोग बढ़ाना।

विद्यार्थी उन्नयन

- NET/JRF मार्गदर्शन कक्षाएँ, प्लेसमेंट कार्यशालाएँ और कैरियर काउंसलिंग।

अंतर्राष्ट्रीयकरण

- विदेशी विद्वानों को आमंत्रित कर विशेष व्याख्यान व संयुक्त संगोष्ठियों का आयोजन।

1. पाठ्यक्रम संबंधी पहलू (Curricular Aspects)

1.1 पाठ्यक्रम डिज़ाइन और विकास



- हिंदी विभाग 2013 में स्थापित हुआ।
- ijk-लुकर्ड में राष्ट्रीय सांस्कृति एवं वैचारिकी को समाहित किया गया।
- शोध-पाठ्यक्रम भी संचालित हैं।

1.2 पाठ्यचर्या योजना और क्रियान्वयन

- M.A. Hindi, Ph.D. Hindi तथा PG Diploma in Translation संचालित।

1.3 शैक्षणिक लचीलापन (Academic Flexibility)



- SWAYAM पर MOOC पाठ्यक्रम (हिंदी साहित्य का इतिहास) विकसित।

1.4 पाठ्यचर्या समृद्धिकरण (Curriculum Enrichment)



- संगोष्ठियाँ, व्याख्यान एवं अतिथि व्याख्यान (लोककाव्य, शोध पद्धति, उपन्यास आदि विषयों पर)।

1.5 प्रत्युत्तर प्रणाली (Feedback System)

- विद्यार्थियों से फीडबैक लेकर सुधार।

2. अध्यापन-अधिगम एवं मूल्यांकन (Teaching-Learning and Evaluation)



2.1 विद्यार्थी नामांकन एवं प्रोफ़ाइल



- कुल PG विद्यार्थी - 36
- NET/JRF में सफल विद्यार्थी - 08

2.2 विद्यार्थी विविधता



- राष्ट्रीय स्तर की प्रतियोगिताओं में विद्यार्थियों की उपलब्धियाँ।

2.3 अध्यापन-अधिगम प्रक्रिया



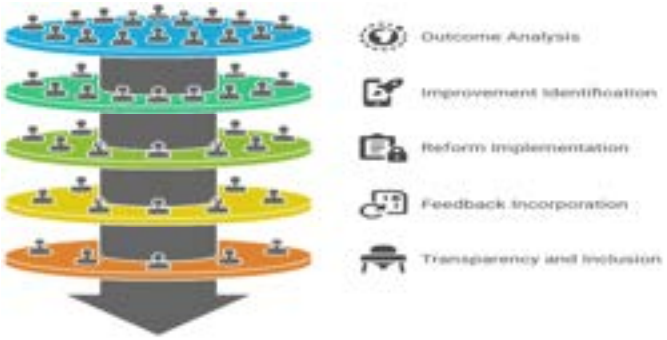
- स्मार्ट क्लासरूम उपलब्ध।
- विषय-विशेष व्याख्यान नियमित।

2.4 शिक्षक प्रोफ़ाइल एवं गुणवत्ता



- कुल शिक्षक - 06
- विभागाध्यक्ष: प्रो. राम पाल गंगवार

2.5 मूल्यांकन प्रक्रिया एवं सुधार



- निरंतर एवं समग्र मूल्यांकन प्रणाली।

2.6 विद्यार्थी प्रदर्शन एवं अधिगम परिणाम



- 05 विद्यार्थी उच्च शिक्षा हेतु चयनित।
- 05 Ph.D. उपाधियाँ प्रदान।

2.7 विद्यार्थी संतोष सर्वेक्षण

- विद्यार्थियों की संतोषजनक प्रतिक्रियाएँ।

3. अनुसंधान, नवाचार और विस्तार (Research, Innovations and Extension)



3.1 अनुसंधान संवर्धन एवं सुविधाएँ

- विभागीय शिक्षकों द्वारा शोधपत्र, पुस्तक एवं अध्याय प्रकाशन।

3.2 अनुसंधान हेतु संसाधन संचयन - NIL



3.3 नवाचार पारिस्थितिकी तंत्र

- MOOC पाठ्यक्रम विकास।

3.4 प्रकाशन एवं पुरस्कार



- 21 राष्ट्रीय शोधपत्र प्रकाशित।
- कई संकाय सदस्यों को सम्मान।

3.5 परामर्श (Consultancy) - NIL

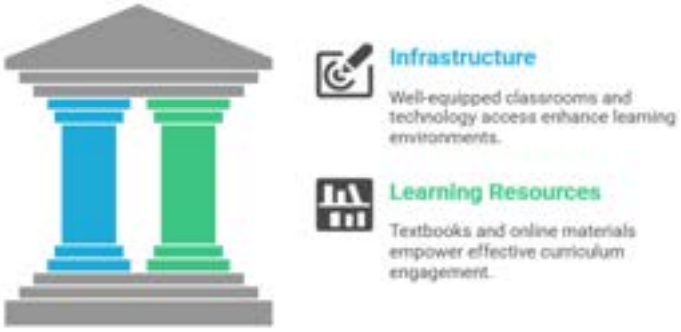
3.6 विस्तार गतिविधियाँ (Extension Activities)

- वृक्षारोपण, शिक्षक दिवस, सांस्कृतिक कार्यक्रम।

3.7 सहयोग (Collaboration)

- राष्ट्रीय व अंतर्राष्ट्रीय विद्वानों का भ्रमण।

4. बुनियादी ढाँचा और अधिगम संसाधन (Infrastructure and Learning Resources)



4.1 भौतिक सुविधाएँ

कक्षा-कक्ष - 02

स्मार्ट क्लास - 01

4.2 पुस्तकालय - विभागीय पुस्तकालय नहीं।

4.3 IT अवसंरचना - स्मार्ट क्लासरूम।

4.4 परिसर अनुरक्षण - विश्वविद्यालय स्तर पर।

5. विद्यार्थी सहयोग एवं प्रगति (Student Support and Progression)



5.1 विद्यार्थी सहयोग

NET/JRF कोचिंग एवं मार्गदर्शन।

5.2 विद्यार्थी प्रगति

05 विद्यार्थी उच्च शिक्षा हेतु चयनित।

5.3 विद्यार्थी सहभागिता एवं गतिविधियाँ

संगोष्ठियों एवं सांस्कृतिक कार्यक्रमों में सक्रिय भागीदारी।

5.4 पूर्व छात्र सहभागिता - NIL

6. संस्थागत नेतृत्व और प्रबंधन (Governance, Leadership and Management)



6.1 दृष्टि और नेतृत्व

हिंदी भाषा व साहित्य का संवर्धन।

6.2 रणनीति विकास और क्रियान्वयन

अकादमिक व शोध गतिविधियों को बढ़ावा।

6.3 संकाय सशक्तिकरण रणनीतियाँ

राष्ट्रीय व अंतर्राष्ट्रीय सम्मेलनों में भागीदारी।

6.4 वित्तीय प्रबंधन एवं संसाधन संचयन - NIL

6.5 आंतरिक गुणवत्ता आश्वासन प्रणाली - विश्वविद्यालय स्तर पर।

7. संस्थागत मूल्य एवं सामाजिक दायित्व (Institutional Values and Social Responsibilities)



7.1 सामाजिक उत्तरदायित्व

वृक्षारोपण, लोकजागरूकता व्याख्यान।

7.2 श्रेष्ठ प्रथाएँ (Best Practices)

अनुवाद अध्ययन, लोकसाहित्य अध्ययन, विशेष व्याख्यान।

7.3 संस्थागत विशिष्टता (Distinctiveness)

लोक साहित्य व राष्ट्रीय चेतना के संवर्धन पर बल।

8. संकाय प्रोफ़ाइल (विभाग-विशिष्ट)

8.1 शैक्षणिक विवरण

- **प्रो0 राम पाल गंगवार**

  संकायाध्यक्ष एवं विभागाध्यक्ष

  विशेषज्ञता: मध्यकालीन हिन्दी काव्य, संत काव्यय विमर्श: दलित, संस्कृतिय आलोचनाय काव्य शास्त्र

  शैक्षिक योग्यता: डी.लिट, डी.फिल, यू.जी.सी. नेट एम.ए., (हिन्दी, अंग्रेजी), एल.एल.बी.

- **प्रो0 सर्वेश कुमार सिंह**,

  आचार्य

  विशेषज्ञता: भक्तिकालीन कविता, आधुनिक कथा साहित्य, समकालीन कविता

  शैक्षिक योग्यता: नेट., एम.फिल., पीएच.डी.

- **डॉ0 बलजीत कुमार श्रीवास्तव**

  सहायक आचार्य

  विशेषज्ञता: लोकसाहित्य, प्रयोजनमूलक हिन्दी, पत्रकारिता

  शैक्षिक योग्यता: नेट., पीएच.डी.

- **डॉ0 शिवशंकर यादव**
  सहायक आचार्य
  विशेषज्ञता: हिन्दी आलोचना, हिन्दी साहित्य का इतिहास, हिन्दी पत्रकारिता
  शैक्षिक योग्यता: नेट., पीएच.डी.

- **डॉ0 नमिता जैसल**
  सहायक आचार्य
  विशेषज्ञता: हिन्दी नाटक, कथा साहित्य
  शैक्षिक योग्यता: नेट., पीएच.डी.

- **डॉ0 प्रीति राय**
  सहायक आचार्य
  विशेषज्ञता: कथा साहित्य, तुलसी साहित्य, हिन्दी कविता
  शैक्षिक योग्यता: नेट., पीएच.डी.

8.2 संस्थान के भीतर और बाहर विभिन्न पद -

प्रो0 र. पी. गंगवार

- अध्यक्ष, स्कूल बोर्ड, बी.बी.ए.यू., लखनऊ
- अध्यक्ष, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- अध्यक्ष, डी.आर.सी., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- सदस्य, बोर्ड ऑफ स्टडीस., हिन्दी विभाग, कानपुर विश्वविद्यालय
- सदस्य, पीएच.डी. परीक्षक, श्री सत्यसाँई मेडिकल एण्ड टेक्नोलॉजी सांइसेस विश्वविद्यालय, सेहोर, मध्य प्रदेश, इलाहाबाद विश्वविद्यालय, प्रयागराज, महात्मा गांधी काशी विद्यापीठ, छत्रपति साहू जी महाराज विश्वविद्यालय, कानपुर, दिल्ली विश्वविद्यालय, जवाहर लाल नेहरू विश्वविद्यालय, लखनऊ विश्वविद्यालय, बुंदेलखण्ड विश्वविद्यालय, झांसी, महात्मा ज्योतिबा फुले रूहेलखण्ड विश्वविद्यालय, बरेली, शकुन्तला, मिश्रा राष्ट्रीय पुनर्वास विश्वविद्यालय, लखनऊ, राम मनोहर लोहिया, अवध विश्वविद्यालय, अयोध्या
- सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ
- सदस्य, क्लब्, अंग्रेजी विभाग, सैटेलाईट सेन्टर, बी.बी.ए.यू.
- सदस्य/परीक्षक, लोक सेवा आयोग, प्रयागराज
- सदस्य/परीक्षक, उ0प्र0 उच्चतर शिक्षा सेवा चयन आयोग
- सदस्य, भारतीय हिन्दी परिषद, प्रयागराज

- सदस्य, स्थायी आयोजन समिति, बी.बी.ए.यू., लखनऊ
- पीएच.डी. परीक्षक, पश्चिम बंगाल राज्य विश्वविद्यालय, बारासात कोलकाता

प्रो0 सर्वेश कुमार सिंह

- सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ
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- विशिष्ट वक्ता- हिन्दी के विकास में डॉ0 धीरेन्द्र वर्मा का प्रदेय, हिन्दी का अकादमिक नेतृत्व- डॉ0 धीरेन्द्र वर्मा, भारतीय हिन्दी परिषद प्रयाग एवं हिन्दी विभाग, इलाहाबाद विश्वविद्यालय प्रयागराज, प्रयागराज, अप्रैल 2024
- सह-संयोजक- कबीर आज और कल, कबीर जयंती समारोह, 22 जनू 2024 बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ
- विशिष्ट वक्ता- सियाराम शरण गुप्त के निबंधों में आत्मीयता बोध, हिन्दी साहित्य के विकास में बुंदेलखंड का योगदान, मैथिलीशरण गुप्त जयंती, हिंदुस्तानी अकादेमी प्रयागराज, हिन्दी विभाग, बुंदेलखण्ड विश्वविद्यालय, झाँसी 4-5 अगस्त 2024
- मुख्य वक्तव्य- सांस्कृतिक राष्ट्रवाद और तुलसी साहित्य, तुलसीदास और उनका साहित्य, हिन्दी विभाग, नवयुग कन्या महाविद्यालय, लखनऊ 10 अगस्त 2024
- विशिष्ट वक्ता- गुरुनानक देव के काव्य में सामाजिक सांस्कृतिक चेतना, गुरुमति साहित्य में राष्ट्रीय चेतना, पंजाबी अकादमी, लखनऊ एवं आर0एम0पी0 कॉलेज सीतापुर 3 सितम्बर 2024
- विशिष्ट वक्ता- अवधी काव्य में लोक संस्कृति, अवधी काव्य और लोक संस्कृति, हिंदुस्तानी अकादेमी, प्रयागराज 19 अक्टूबर 2024
- अध्यक्षता- भारतीय ज्ञान परम्परा और गद्य साहित्य, भारतीय ज्ञान परम्परा और हिन्दी, 47वां अंतर्राष्ट्रीय अधिवेशन, भारतीय हिन्दी परिषद एवं बुंदेलखंड विश्वविद्यालय, झाँसी 29-30 नवम्बर, 2024

- विशिष्ट वक्ता- भारतीय ज्ञान परम्परा और हिन्दी काव्य, भारतीय ज्ञान परम्परा और साहित्य, डी0वी0 कॉलेज उरई 2 दिसम्बर 2024
- विशिष्ट वक्ता- हिन्दी तथा भारतीय भाषाओं का अन्तःसम्बंध, भारतीय भाषा उत्सव 11 दिसम्बर 2024 बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ
- विषय विशेषज्ञ- घुमंतू भाषा की प्रासंगिकता, घुमंतू भाषा शब्द संचयन शिविर, कार्यशाला 20-22 दिसम्बर 2024 एवं र0एम0पी0 कॉलेज सीतापुर ।
- वक्तव्य- भारतीय ज्ञान परम्परा और महर्षि अगस्त्य, भारतीय ज्ञान परम्परा और महर्षि अगस्त्य रू प्राचीनता से धुनिकता, 7 फरवरी 2025 बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ
- संयोजक एवं वक्तव्य- राष्ट्रीय एकता का प्रतीक: राष्ट्रभाषा, राजभाषा से राष्ट्रभाषा की ओर, मातृभाषा दिवस पर योजित 21 फरवरी 2025 बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ
- विशिष्ट वक्ता- तुलसीदास के काव्य में भारत बोध, रामकाव्य परम्परा और तुलसीदास, उत्तर प्रदेश भाषा संस्थान एवं के0के0वी0 कॉलेज, लखनऊ 10 मार्च 2025
- मुख्य वक्ता- जैन सम्पदा में ज्ञान सम्पदा, जैन साहित्य परम्परा में ऋषभदेव और राम बी0एन0के0बी0 पी0जी0 कॉलेज, अकबरपुर एवं जैन विद्या शोध संस्थान, लखनऊ 28 मार्च 2025

8.3.5 शोध पर्यवेक्षण

8.3.5.1 सतत पर्यवेक्षण

8.3.5.2 पीएच.डी. प्रदान की गई

8.3.6 परियोजनाएँ/परामर्श/और कोई अन्य

8.3.7 पुरस्कार एवं मान्यता (राष्ट्रीय/अंतर्राष्ट्रीय)/और कोई अन्य शैक्षणिक उपलब्धियाँ

प्रो0 राम पाल गंगवार

- Honor's of Living Legends from CMP Degree College (A Constituent College of Allahabad University), Prayagraj for College Diamond Jublee.
- 'शिवमंगल सिंह सुमन सम्मान' राजकीय महाविद्यालय, गोसाई खेड़ा, उन्नाव 25 सितम्बर 2024

बलजीत कुमार श्रीवास्तव

- राम रत्न सम्मान' पद्यनाभ साहित्य परिषद, वैशाली विहार 3 अगस्त 2024
- 'शिवमंगल सिंह सुमन सम्मान' राजकीय महाविद्यालय, गोसाई खेड़ा, उन्नाव 25 सितम्बर 2024
- उत्कर्ष समीक्षक सम्मान, भारतीय शिक्षण मण्डल युवा याम, विजन फॉर विकसित भारत' विविभा, फाउंडेशन विकसित भारत

9. विभाग/केंद्र का सारांश

क्रमांक	विवरण	कुल
1.	विभाग द्वारा प्रकाशित पत्रिकाओं की कुल संख्या (राष्ट्रीय)	21
2.	विभाग द्वारा प्रकाशित पत्रिकाओं की कुल संख्या (अंतर्राष्ट्रीय)	00
3.	सम्मेलन कार्यवाहियों में प्रकाशित प्रकाशनों की कुल संख्या	00
4.	विभाग द्वारा आयोजित कार्यशालाओं/सम्मेलनों/सेमिनारों/आदि की कुल संख्या	06
5.	विभाग द्वारा प्रदान की गई पीएचडी उपाधियों की कुल संख्या	05
6.	स्नातकोत्तर छात्रों की कुल संख्या	36
7.	स्नातक छात्रों की कुल संख्या	00
8.	डिप्लोमा/प्रमाणपत्र प्राप्त छात्रों की कुल संख्या (यदि कोई हो)	08
9.	नियुक्त छात्रों की कुल संख्या	0
10	पुरस्कार और पदकों की कुल संख्या	0
11	दायर/प्रदान किए गए पेटेंट/कॉपीराइट की कुल संख्या	0
12	स्वीकृत प्रायोजित शोध परियोजनाओं की कुल संख्या	0
13	स्वीकृत परामर्श परियोजनाओं की कुल संख्या	0
14	कुल विकसित MOOCs पाठ्यक्रमों की संख्या	01
15	छात्रों द्वारा पूर्ण किए गए MOOCs पाठ्यक्रमों की कुल संख्या	0
16	राष्ट्रीय स्तर की परीक्षा उत्तीर्ण करने वाले छात्रों की कुल संख्या	08
17	उच्च अध्ययन के लिए चुने गए छात्रों की कुल संख्या	10

School of Legal Studies

On behalf of the faculty and staff I welcome you to the School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh, India.
The School of Legal Studies is proud of its accomplished faculty members and their deep commitment to Intellectual Inquiry in Law that sets them apart. The School of Legal Studies provides for an Interdisciplinary approach. Delivering excellent legal education is the core mission of the School of Legal Studies in order to shape the future legal minds of our country and the world.
School of Legal Studies Having Three Departments, Department of Law, Department of Human Rights, and Center for Post Graduate Legal Studies.

Department of Human Rights

About the Department
Department of Human Rights conducts post-graduate teaching and research programmes in the areas relating to Human Rights and Law and aims at recommending appropriate measures for enforcing human rights and securing ends of justice through legal and democratic processes.
Presently, the Department is running Ph.D. and LL.M. (Human Rights) courses. The number of students in Ph.D. course on date is 25 in Department of Human Rights; LL.M. Course is 45 during the session 2024-25.
In Ph.D. course there is a one semester Pre-Ph.D. Research Course Work for the scholars. Besides Research Methodology and Research and Publication Ethics are also offered as compulsory papers.
LL.M. course consists of four semesters spanning in two years. Students have to opt four papers in each semester. These papers cover many local, national, regional and global curriculums. The syllabus of LL.M. course has an inter-disciplinary approach. The LL.M. course is in tune with the prime concerns of legal aid, advocacy, social justice, community services and governance.
The students are encouraged to apply their knowledge of the subject in the real-life situations. Besides dissertation writing on relevant issues of law and human rights, the students have to present ten seminars (one Mega Seminar based on empirical study) on different topics covering many national, regional and global issues of law and human rights as a compulsory part of the course work in the Third Semester.

Strengths
- Experienced and research-oriented faculty with interdisciplinary expertise.
- Strong student–teacher ratio enabling personalized mentoring.
- Well-structured programs at UG, PG, and Ph.D. levels with CBCS.
- Active engagement in research, publications, and projects.
- Regular organization of seminars, workshops, extension, and outreach activities.
- Strong alumni network with placement in academia, NGOs, and development sectors.

Next Year Plan (2025-26)



- Introduce new value-added/certificate courses aligned with NEP-2020.
- Strengthen industry–academia collaborations for student internships and research.
- Enhance ICT-enabled learning resources and smart classroom facilities.
- Expand research projects through national and international funding agencies.
- Organize more national seminars, FDPs, and skill-development programs.
- Establish stronger community outreach and extension services.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum framed as per UGC/ICAR guidelines.
- Regular revision and updating of curriculum through Board of Studies (BoS).
- CBCS and NEP-2020 principles incorporated.
- Inputs from stakeholders (students, alumni, industry experts).

1.2 Curricular Planning and Implementation

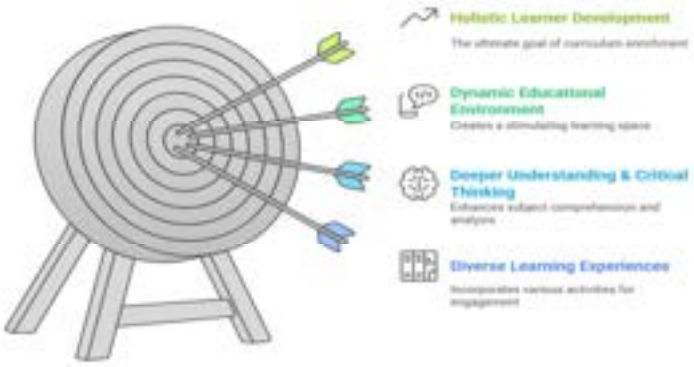
- Academic calendar followed strictly.
- Detailed teaching plans prepared by faculty.
- Continuous monitoring of course delivery.
- Use of ICT-based tools for effective teaching.

1.3 Academic Flexibility



- CBCS-based curriculum with elective choices.
- Open electives available across departments.
- Provision for interdisciplinary learning and skill enhancement.

1.4 Curriculum Enrichment



- Value-added courses and skill development workshops conducted.
- Life skills, gender sensitization, and environmental awareness integrated.
- Extension and outreach programs linked to curriculum.

1.5 Feedback System

- Structured feedback mechanism from students, alumni, employers, and faculty.
- Action Taken Reports prepared after each feedback cycle.
- Feedback utilized for curriculum improvement.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Admission through university norms ensuring equity and diversity.
- Representation from different states and socio-economic backgrounds.
- Reservation policies implemented.

2.2 Catering to Student Diversity



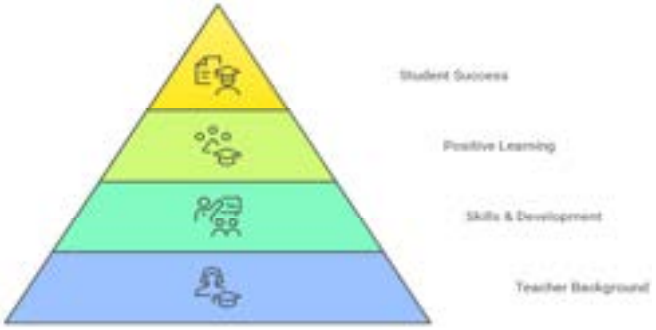
- Bridge courses for first-year entrants.
- Remedial classes for slow learners.
- Advanced learners provided with research exposure and additional projects.

2.3 Teaching–Learning Process



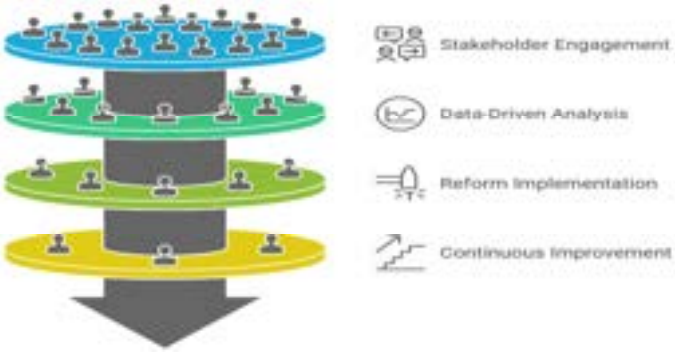
- Learner-centered teaching with group discussions, case studies, role play.
- Blended learning with ICT integration.
- Experiential learning through fieldwork and extension activities.

2.4 Teacher Profile and Quality



- Qualified faculty with Ph.D. degrees.
- Faculty actively engaged in research, publications, and projects.
- Participation in FDPs, orientation, and refresher courses.

2.5 Evaluation Process and Reforms



- Continuous internal assessment (CIA).
- Transparent examination system with moderation and revaluation.
- Online evaluations incorporated during pandemic.

2.6 Student Performance and Learning Outcomes



- PO/CO/PSO clearly defined and mapped.
- Learning outcomes assessed through assignments, projects, and viva-voce.
- Improved placement and higher studies records.

2.7 Student Satisfaction Survey

- Regular SSS conducted.
- Analysis used for improving teaching quality and facilities.

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research



- Research projects funded by ICSSR, ICAR, and other agencies.
- Internal funding support for faculty and research scholars.

3.2 Innovation Ecosystem

- Student projects linked to community-based research.
- Entrepreneurship and skill-based training promoted.

3.3 Research Publications and Awards



- Faculty publications in peer-reviewed and UGC CARE journals.
- Books and book chapters authored.
- Recognition and awards for research excellence.

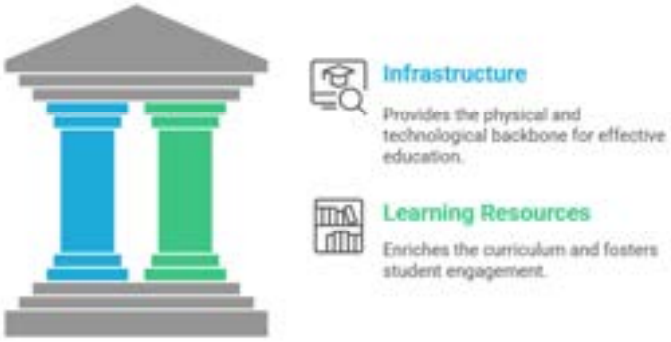
3.4 Extension Activities

- Regular community outreach and awareness programs.
- Health, nutrition, and child development initiatives.
- Collaboration with NGOs and government agencies.

3.5 Collaboration

- MoUs with academic institutions and NGOs.
- Collaborative projects and seminars organized.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Well-equipped classrooms and laboratories.
- Smart class facilities.
- Departmental library with updated resources.

4.2 Library as Learning Resource

- Access to e-resources through INFLIBNET, e-Shodh Sindhu.
- Updated textbooks, journals, and reference materials.

4.3 IT Infrastructure

- Wi-Fi enabled campus.
- ICT-based teaching facilities.
- Online learning resources integrated.

4.4 Maintenance of Campus Infrastructure

- Annual maintenance contracts (AMC) in place.
- Regular audits of physical and digital infrastructure.

5. Student Support and Progression



5.1 Student Support

- Scholarships for SC/ST/OBC and minority students.
- Financial support for research scholars.

5.2 Capacity Building and Skill Enhancement

- Training in communication, ICT, soft skills.

- Certificate courses for employability enhancement.

5.3 Student Progression

- Students pursuing higher education (PG/Ph.D.).
- Alumni placed in academia, NGOs, and government services.

5.4 Alumni Engagement

- Active alumni association.
- Alumni contribution in seminars, placements, and mentoring.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision aligned with university goals.
- Faculty actively involved in decision-making and committees.

6.2 Strategy Development and Deployment

- Strategic planning for academic and research growth.
- Regular monitoring of departmental activities.

6.3 Faculty Empowerment Strategies

- Opportunities for faculty development programs.
- Support for attending conferences and workshops.

6.4 Financial Management and Resource Mobilization

- Transparent budgeting and resource allocation.
- Efforts to mobilize funds through research projects.

6.5 Internal Quality Assurance System

- IQAC guidelines followed.
- Regular audits and self-assessment reports.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Gender sensitization programs.
- Environmental sustainability initiatives.

7.2 Best Practices

- Community-based extension and outreach programs.
- Student mentoring and counselling system.

7.3 Institutional Distinctiveness

- Strong integration of research, extension, and teaching.
- Focus on inclusive and sustainable development practices.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Priti Saxena**
  Professor (On Deputation)
  Specialization: Constitutional Law, Administrative Law, Torts, Constitutional Governance
  Qualifications: LL.M. (Gold Medallist), Ph.D. (Law)

- **Prof. Preeti Misra**
  Professor
  Head, Department of Human Rights
  Specialization: Criminal Law, Women & Law, Intellectual Property Law & Family Law, Criminal Law, Women and Law, Intellectual Property Law, Family Law & Human Rights Law
  Qualifications: M.A. (Eco); B.Ed.; LL.M.; LL.D.; Proficiency in German

- **Prof. Shashi Kumar**
  Professor
  Specialization: Human Rights, Indian Politics & Law, Political Theory
  Qualifications: M.A. (Political Science); Ph.D. (Political Science)

- **Dr. Rashida Ather**
  Associate Professor
  Specialization: International Human Rights Law, International Humanitarian and Refugee Law, Women's and Child Rights
  Qualification: M.A. (Human Rights), Ph.D. (Human Rights)

- **Dr. Ajay Singh Kushwah**
  Assistant Professor
  Specialization: Women & Human Rights, Environment and Human Rights, Right to Information & Human Rights, Health and Human Rights
  Qualifications: M.A. (Human Rights), Ph.D. (Human Rights)

- **Dr. Rashwet Shrinkhal**
  Assistant Professor
  Specialization: Indigenous Peoples Rights and International Law, Legal Theory, Law and Literature, Human Rights, Legal Anthropology
  Qualifications: LL.M. (Human Rights), M.Phil.-Ph.D. (International Law)

8.2 Various Positions held in& out the Institution-

8.3 Research Publications

8.3.1 Research Articles

Prof. Preeti Misra

- Misra, P. and Shukla, S. "**The Menace of Fake News in the Rise in the Use of Social Media**", Journal Global Values, Journal Anu Books, An International Peer Reviewed

Journal, Delhi/Meerut" Vol. XV, No.1 Jan to June **2024**, Article No.11, pp. 076-83, ISSN: 2454-8391, 2025 Online available at https://anubooks.com/view?file=3632&session_id=jgv-vol-xv-no1-jan-june-2024.

- Misra, P. "Critical Method and the Question of Legal Personality: Exploring the Subjugation of Humans Through Personhood", RMLNLU Journal Vol.16 (2024), Pp306-324 (Peer Reviewed, Indexed in Indian Citation Index, UGC Care Listed), ISSN: 0975-9549.

Dr. Rashwet Shrinkhal

- Shrinkhal, R., Kumar, S., Shukla, S. and Singh, A. "Review of Flood Hazards in Kosi River – A Way Forward for Disaster Risk Reduction", World Water Policy, [Wiley publication], Vol. 10(4), Page No. 1270-1291, ISSN No.: 2639-541X, Impact Factor: 1.5 (2024) (https://onlinelibrary.wiley.com/doi/10.1002/wwp2.12206).
- Shrinkhal, R. " Protection of Traditional Knowledge (TK) and Traditional Cultural Expressions' (TCEs) of Indigenous Peoples: Some Reflections", SAMPRATYAYA ASSRA's Multi-Disciplinary International Journal Of Social Sciences & Humanities, Vol. 1(3) Special Issue, Page No. 24-33, ISSN No.: 3048-5851 (Online) (2024) (https://sampratyaya.com/wp-content/uploads/2024/09/Article-3-Dr.Rashwet -1-Spl-3.pdf).
- Shrinkhal, R. "Revisiting Lohia's Vision of Socialism and [His] Just World Order", Eastern Book Company RMLNLU Law Journal, Vol. 16, Page No. 24-33, ISSN No.: 0975-9549 (2025).

8.3.2 Books / Edited Books - Nil

9.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Preeti Misra

- Block 3 Justice Delivery Unit 8 Role of Judiciary and Justice Delivery System, Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration (Accepted for Publication)
- Block 3 Justice Delivery Unit 9 Legal Aid, Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration (Accepted for Publication)
- Block 3 Justice Delivery Unit 10 Witness Protection Mechanism and Rights of the Victims, Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration (Accepted for Publication)
- Block 3 Justice Delivery Unit 11 Role of Stake Holders in The Process of Eradicating Human Trafficking, Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration (Accepted for Publication)

9.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Preeti Misra

- Presided over a National Webinar organized by Dept of Human Rights on World Day Against Child Labour on 12 June 2024, https://arya-tv.com/online-webinar-organized-at-bbau-on-the-occasion-of-world-day-against-child-labor/.
- Co-Chairperson, Two Days National Workshop "NEP 2020: Legal Curriculum" organized by Dept. of Legal Studies and Research, Barkatullah University, Bhopal, M.P. & Vidhya Bharti Uchcha Shiksha Sansthan, New Delhi on 23 & 24 October, 2024.
- Chairperson, One Day Workshop on Intellectual Property Rights Awareness 2025 (funded by UP Council of Science and Technology) organised by IPR, Legal and Ethical Related Committee (R&D Cell) BBAU on 6th February 2025.
- Invited lecture, Two Days Online National Workshop on the topic "Three New Criminal Laws" organized by T.S. Mishra Law School, T.S. Mishra University, Lucknow on 20 July 2024
- Invited Lecture, "New Criminal Laws: With Special Reference to BNS" in Short Term Course on New Criminal Laws Organised by UGC Malaviya Mission Teacher Training Centre (MMTTC), University of Lucknow on 3rd March 2025
- Invited Lecture as Panellist on the topic "The Impact of Common Law Culture on Indian Legal Language" in International Seminar on "Impact of Culture on Legal Language & Discourse" organized by Amity University, Lucknow Campus on 20 March 2025.

Prof. Shashi Kumar

- Director, One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.
- Director, Legal Aid Programme on the topic "भारत सरकार की कल्याणकारी योजनाएँ" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on November 13th, 2024.
- Director, One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Director in One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Director, One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.

- Invited as Panelist in National Congress on "Nutrition & Public Health (NCICON)", held on 07th& 08th February 2025 organized jointly by the Nutrition Council of India & King George Medical University (KGMU), Lucknow.
- Invited as Panelist in State Conclave on "Strengthening Quality in Fortified Rice Kernel & Premix Manufacturing" held on 18th December 2024, jointly organized by World Food Programme & Innovation Hub for Rice Fortification, IIT Delhi.
- Chair-Person, 15th National Conference in Health Professions Education on "Enhancing Patient Safety: Linking HPE with Healthcare" held on 21st-23rd November 2024 organized by ERA University & Era's Lucknow Medical College & Hospital, Lucknow.
- Invited Talk on "Rice Fortification & its Impact on Anaemia Prevention" held on 26th October 2024 organized by College of Community Science, Acharya Narendra Deva University of Agriculture and Technology (NDUAT) Ayodhya.
- Delivered a radio talk on "भारत के सतत्विकास लक्ष्यों संबंधी पोषण लक्ष्य और उनकी प्राप्ति के प्रयास" on 27th August 2024, at Akashwani Kendra Lucknow.

Dr. Rashida Ather

- Keynote Speaker, National Webinar on "International Humanitarian Law: Contemporary Challenges and Prospects for Advancement" organised by the ICFAI University, Dehradun on 24th October, 2024.
- Chair a session, One Day National Seminar on Human Rights of "Prisoners- Issues, Challenges and Prospects" organized by Department of Law, SLS, BBAU, Lucknow in collaboration with National Human Rights Commission, New Delhi on 03rd February, 2025.
- Joint Secretary, One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.
- Organizing Secretary, Legal Aid Programme on the topic "भारत सरकार की कल्याणकारी योजनाएँ" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on November 13th, 2024.
- Organising Secretary, One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Participated, One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.
- Invited lecture in Amity University Lucknow is hosting a National Conference on "Environmental Law Challenges and Management" on 18th October 2024. The event will focus on pressing environmental issues, legal frameworks, and sustainable management practices.

Dr. Ajay Singh Kushwah

- **Organising Secretary,** One Day National Seminar to commemorate **'Human Rights Day'** on the topic of "**OUR RIGHTS, OUR FUTURE, RIGHT NOW**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.
- Organizing Secretary, Legal Aid Programme on the topic "**भारत सरकार की कल्याणकारी योजनाएँ**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on November 13th, 2024.
- Joint Secretary, One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Organising Secretary, One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Organising Secretary, One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.
- Organising Secretary, National Seminar on Babasaheb's Concept of Nation Building and Constitutional Commitments in spoke on the theme of Constitutionalism and Constitutional Morality Exploring the concepts from Ambedkar's vision organized by Standing Organising Committee (SOC), BBAU, Lucknow 13-14 April, 2025.
- Participated, Online programme on Multidisciplinary Refresher Course in Social Sciences and Humanities: New Trends and Concepts from 07th – 24th February, 2024 organised by Malviya Mission Teacher Training Programme, Iswar Saran P.G. College, Prayagraj.
- Paper presentation, One Day National Seminar on the theme of "Unrevealed Aspects of Ambedkar's Scientific Temperament and Reform in Nation Building" on the paper titled 'Dr. Ambedkar's Scientific Ideology and Current Indian Perspective' organized by Department of Mass Communication & Journalism, BBAU, Lucknow on 14th April, 2023.

Dr. Rashwet Shrinkhal

- Attended 12-week Faculty Development Programmes on the topic of "Constitution Law and Public Administration in India" organized by NPTEL-AICTE from 01/01/2024 to 30/04/2024.
- Joint Secretary, One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.
- Joint Secretary, Legal Aid Programme on the topic "**भारत सरकार की कल्याणकारी योजनाएँ**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on November 13th, 2024.

- Joint Secretary, One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- Convenor, One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.
- Invited lecture and deliberation as Resource Person in the virtual mode on the topic - "Publication and Ethics: Some Reflections" in PG Orientation Programme for LLM students organised by the Faculty of Law, Allahabad Degree College, Prayagraj on 23rd April, 2025.
- Speaker in National Seminar on Babasaheb's Concept of Nation Building and Constitutional Commitments in spoke on the theme of Constitutionalism and Constitutional Morality Exploring the concepts from Ambedkar's vision organized by Standing Organising Committee (SOC), BBAU, Lucknow 13-14 April, 2025.
- As a panelist, Reflection was made on "Decoloniality and Digital Sovereignty from Indigenous Peoples Perspective" organized by Reflection on Coloniality and Sovereignty in Relation to Digital Transformations, Data and AI on 13th February, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Priti Saxena

- Ms. Shraddha Srivastava has enrolled for a Ph.D. with the thesis titled " Data Protection Laws in India: A Comparative Study of Individualist and Collectivist Approaches ".
- Mr. Ravish Yadav has enrolled for a Ph.D. with the thesis titled " Digital Financial Crimes in India: A Socio-Legal Study of Lucknow City.".

Prof. Preeti Misra

- Ms. Shailja Shukla has enrolled for a Ph.D. with the thesis titled " Indian Democracy, Dharma and Constitutionalism: A Critical Evaluation."
- Mr. Rohit Kumar Chaubey has enrolled for a Ph.D. with the thesis titled " Emerging Trends of Artificial Intelligence (AI) Enabled Cybercrimes- A Socio Legal Study in Lucknow District of Uttar Pradesh."
- Mr. Saurabh Kumar Pandey has enrolled for a Ph.D.
- Mr. Sandeep Kumar has enrolled for a Ph.D.
- Ms. Shruti Sonkar has enrolled for a Ph.D.

Prof. Shashi Kumar

- Mr. Deepak Yadav enrolled for a Ph.D. with the thesis titled "**दण्ड के सुधारात्मक सिद्धांत एवं पुर्नस्थापन नीतियाँ: लखनऊ जिले के आदर्श कारागार के संदर्भ में एक आलोचनात्मक अध्ययन**".
- Ms. Ratna Priya enrolled for a Ph.D. with the thesis titled "Tribal Self-Governance: A Case Study of Dumka District in Jharkhand".

- Mr. Avneesh Bharati enrolled for a Ph.D. with the thesis titled "Enforcement Mechanism of Human Rights in India: A Socio-Legal Study with Reference to Human Rights Courts in Uttar Pradesh".
- Mr. Shubham Singh has enrolled for a Ph.D.
- Mr. Chandra Bhushan Kumar has enrolled for a Ph.D.
- Ms. Alka has enrolled for a Ph.D.

Dr. Rashida Ather

- Mr. Pranjal Kharbanda has enrolled for a Ph.D. with the thesis titled "Right against discrimination and Protection of Sexual Minorities: A study of International Law and India Response".
- Mr. Rajneesh Kumar Verma has enrolled for a Ph.D. with the thesis titled "Regulatory Framework of Over-The-Top (OTT) Platforms in India: An Analytical Study".
- Mr. Sujay Kumar Lal has enrolled for a Ph.D. with the thesis titled "Online Violence against Women and Access to Justice in India: A Socio-Legal Study with reference to Lucknow District of Uttar Pradesh".
- Mr. Harshit Singh has enrolled for a Ph.D.
- Mr. Rizwan Siddiqui has enrolled for a Ph.D.

Dr. Ajay Singh Kushwah

- Mr. Akhilendra Pratap enrolled for a Ph.D. with the thesis titled "Legal Framework Governing AI Surveillance and Privacy in India- A Critical Study".
- Mr. Ajay Kumar enrolled for a Ph.D. with the thesis titled "Poverty Alleviation and Role of E-Governance in India: An Analytical Study with Reference to Lucknow District of Uttar Pradesh".
- Ms. Anita enrolled for a Ph.D. with the thesis titled "Sexual Harassment of Women at Workplace: A Socio-Legal Study with Reference to Judiciary in Uttar Pradesh".
- Mr. Rahul Gupta has enrolled for a Ph.D.

Dr. Rashwet Shrinkhal

- Mr. Devesh Singh enrolled for a Ph.D. with the thesis titled "Use of Force in International Law: A Critical Analysis from TWAIL Perspective".
- Mr. Sparsh Kumar Lal enrolled for a Ph.D. with the thesis "Evolving Digital Human Right Framework in the Age of ICT: A Critical Legal Analysis".
- Ms. Anjali Kumari enrolled for a Ph.D. with the thesis "Live in Relationship in India: "A Socio Legal Study with special reference to Uttar Pradesh".

8.3.5.2 Ph.D. Awarded

Prof. Preeti Misra

- Ph.D. awarded to Anurag Krishan Tiwary on the thesis titled "Status of Women Workers in Unorganised Sector- A Socio-Legal Study of Ranchi, Jharkhand" in 2025.
- Ph.D. awarded to Jitendra Kumar Saroj on the thesis titled "**सामाजिक कुप्रथाएं, अन्धविश्वास और महिला मानवाधिकार: जौनपुर जिले के सन्दर्भ में एक सामाजिक एवं विधिक अध्ययन**" in 2025.

- Ph.D. awarded to Dinesh Kumar on the thesis titled "Status & Impact of Inter-Caste and Inter Religious Marriage- A Socio-Legal Study with Reference to Lucknow, U.P." in 2025.

Prof. Shashi Kumar

- Ph.D. awarded to Ashok Kumar on the thesis titled "The Status of Sanitation Workers in India: A Socio-Legal Study in Human Rights Perspective in Lucknow, U.P." in 2025.

Dr. Rashida Ather

- Ph. D awarded to Yogendra Nath Tripathi on the thesis titled "A Socio Legal Study of Child Beggars in Varanasi City of Uttar Pradesh".
- Ph. D awarded to Jaya Chaudhary on the thesis titled "A Socio Legal Study of Women with Disabilities in Higher Educational Institutions of Lucknow City, U.P.".
- Number of students completed their Master/Graduation/Diploma - 45
- Number of students selected in civil services (UPSC/UPPSC). - NIL
- Details of students selected for teaching in higher education. - 07
- No. of students pursuing higher studies. - 03
- Number of students selected on other government jobs/banking/school teaching etc. - 02
- Number of students awarded SLET/NET/JRF/any other fellowship - 14

8.3.6 Projects/Consultancy/and any other

Dr. Rashida Ather

- Research Grant of Rs. 7,00,000.00/- for the project titled "The Assessment of Health Status of Elderly Persons in Old Age Homes of Major Cities of Uttar Pradesh" Sponsored by ICSSR, New Delhi" was granted in 2024.

Dr. Rashwet Shrinkhal

- Research Grant of Rs. 1,00,000.00/- for the project titled "Human Rights of Elderly People in Uttar Pradesh: A Critical Study" Sponsored by Uttar Pradesh Human Rights Commission (UP HRC)" was granted in 2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof Preeti Misra

- Patron in Two Days National Seminar on "Transformation in the Criminal Laws in India: A New Era of Indian Criminal Justice System" organized by Dept. of Law, School of Legal Studies on 8 & 9 April 2024.
- Patron in One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.
- Judge in Late Dr. Vijay Agrawal Memorial Inter Moot Court Competition 2023 organised by Maa Vaishno Devi Law College on 3/8/2024

- Patron in One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.

Dr. Rashida Ather

- Dr. Rashida Ather Department of Human Rights, Babasaheb Bhimrao Ambedkar University in recognition of her outstanding dedication, commitment and contribution to the development and progress of the University on the occasion of International Women's Day on 08 March, 2025.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	02
2.	Total number of journal publications by Department (International)	03
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	13
5.	Total number of PhD degree awarded by Department	06
6.	Total number of PG students	43
7.	Total number of UG students	NA
8.	Total number of diploma/certificates students (if any)	NA
9.	Total number of students placed	06
10	Total number of Award and Medals	00
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	02
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	13
17	Total number of total number of students opted for higher studies	05

Department of Law

About the Department

The Department of Law was established in 2008-09 with the aim of imparting quality legal education and fostering a culture of justice, equity, and social responsibility. It began with an LL.M. programme and later expanded to include Ph.D. and BBA LL.B.(H) (5-year Integrated Programme). The Department emphasizes research-based learning, practical exposure through Moot Courts, and holistic development of students to prepare them for careers in judiciary, academics, advocacy, corporate sector, and civil services.

Strengths of the Department

- Qualified and experienced faculty with diverse specializations (Constitutional Law, IPR, Criminal Law, Cyber Law, Environmental Law, Jurisprudence, etc.).
- Smart classrooms, Wi-Fi enabled campus, departmental library, Moot Court Hall, and Computer Lab for ICT-based teaching.
- Active research culture: 30+ ongoing Ph.D. candidates, multiple publications in Scopus/UGC Care indexed journals, and books authored by faculty.
- Student achievements in Civil Services (UPSC, UPPSC), UGC-NET/JRF, and other competitive exams.
- Regular organization of national seminars, conferences, webinars, cultural events, and legal awareness programmes.
- Social outreach through free legal consultancy, human rights awareness drives, and environmental campaigns.

Next Year Plan (2025-26)



Establish **Centers of Excellence** in:

- Law and Governance
- Environmental Law
- Alternative Dispute Resolution (ADR)
- Health Care Laws
- Cyber Law and Artificial Intelligence in Law
- Launch certificate/diploma courses in Cybersecurity Law, Mediation & Arbitration, and IPR Management.
- Strengthen alumni engagement and mentorship programmes.
- Enhance MoUs/collaborations with law schools, NGOs, bar associations, and research bodies.
- Organize International Conference on Emerging Areas of Law.

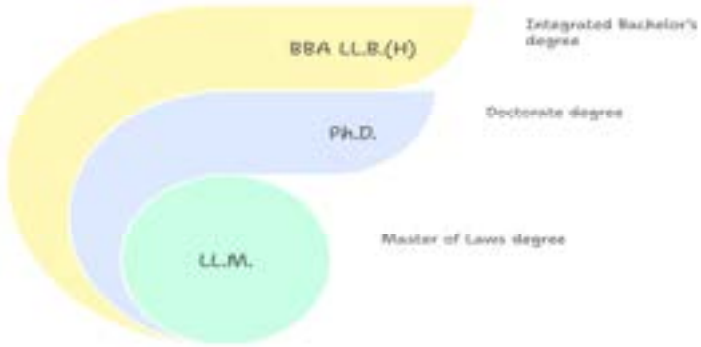
1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



- Introduction of the Department (Started in 2008-09 with LL.M., Ph.D., BBA LL.B.(H))
- Objective: impart quality legal education, advocacy skills, para-legal reasoning, socially responsible graduates.
- Future plan: Centres of excellence (Law & Governance, Environmental Law, ADR, Health Care Laws, etc.)

1.2 Academic Flexibility



Programmes Offered:

- LL.M. (2 Years)
- Ph.D.
- BBA LL.B.(H) (5 Years Integrated)

1.3 Curriculum Enrichment



- Specialized courses in: IPR, Environmental Law, Cyber Law, ADR, Biotechnology Law, IT Law, International Trade Law, Human Rights.
- Seminars & Conferences on contemporary issues (climate change, disarmament, constitutional law).

1.4 Feedback System

- Not explicitly mentioned – can be developed (Student feedback on curriculum delivery, Alumni input, etc.).

2. Teaching–Learning and Evaluation



2.1 Student Enrolment and Profile



- Student intake in LL.M., BBA LL.B., and Ph.D. (details available in dissertations & Ph.D. lists).

2.2 Catering to Student Diversity



- Emphasis on socially relevant issues (women rights, marginalized groups, SC/ST representation, environmental justice).

2.3 Teaching–Learning Process



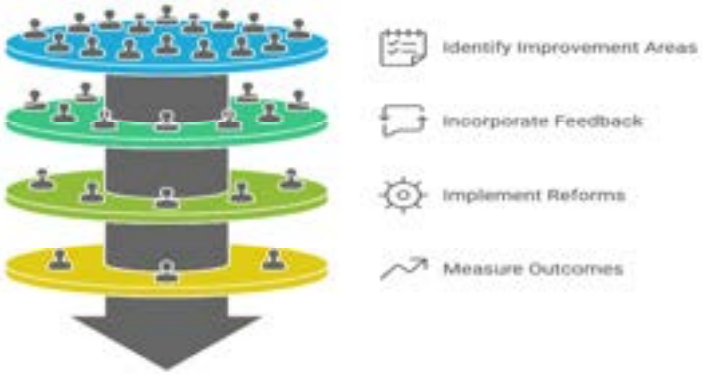
- Smart Classrooms, Computer Lab, Wi-Fi enabled department.
- Moot Court for experiential learning.

2.4 Teacher Profile and Quality



- Faculty strength: 6 (Professors, Associate Professors, Assistant Professors) with Ph.D., NET/JRF qualifications.
- Specializations cover Constitutional Law, Criminal Law, Environmental Law, IPR, Cyber Law, Jurisprudence, etc.

2.5 Evaluation Process and Reforms



- Continuous assessment via dissertations, Ph.D. progress review, Moot Court competitions.

2.6 Student Performance and Learning Outcomes



- 40 LL.M. students and 68 BBA LL.B.(H) completed in 2024-25.
- Civil Services selections: UPSC (05), UPPSC (03).
- Other govt. jobs: 10, Higher education: 30.
- NET (10), JRF (02) qualified.

2.7 Student Satisfaction Survey

- Not explicitly mentioned – can be documented separately.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Departmental Library, Moot Court, Computer Lab, Smart Classrooms.
- Strong Ph.D. programme (30+ ongoing candidates).

3.2 Resource Mobilization for Research



- Research funded through fellowships (JRF, SRF, NFST, NFSC, Non-NET fellowships).

3.3 Innovation Ecosystem

- Research in cutting-edge areas: AI & Law, Cybersecurity, Environmental Justice, Gender & Law, UCC.

3.4 Research Publications and Awards



- Faculty published 30+ papers in Scopus, UGC Care, ABDC Indexed, and peer-reviewed journals (2024–25).
- Books authored/edited:
- Intellectual Property Rights, Protecting Creativity and Innovation (2024) by Prof. S.K. Chadha.
- DNA Profiling as Scientific Method of Investigation in India (2024) by Dr. Sufiya Ahmed.
- Multiple book chapters in national/international edited volumes.

3.5 Consultancy

- Free Legal Consultancy provided at the Departmental level.

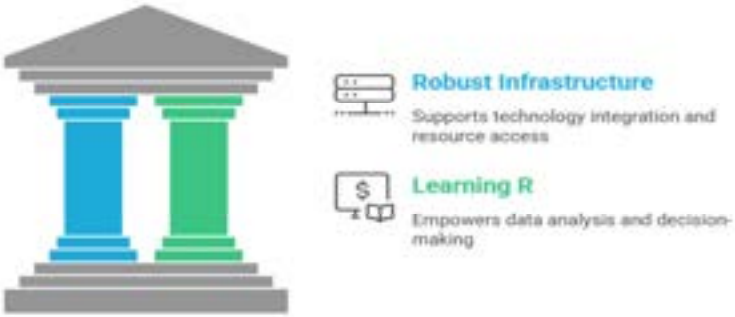
3.6 Extension Activities

- Plantation programme, Anti-Ragging Awareness, World Cancer Day, World Wetlands Day, Constitution Day, IP Day, Cultural programmes.

3.7 Collaboration

- MoUs with external institutions: NIL (scope for improvement).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Moot Court Hall, Computer Lab, Departmental Library, Smart Classrooms, Wi-Fi.

4.2 Library as a Learning Resource

- Departmental Library in addition to the Central Library.

4.3 IT Infrastructure

- Computer Lab with internet, Smart Classrooms, Wi-Fi.

4.4 Maintenance of Campus Infrastructure

- Managed by University.

5. Student Support and Progression



5.1 Student Support

- Legal awareness programmes, Free legal consultancy, and career counseling.

5.2 Student Progression

- Civil Services: 08 selections.
- Higher Studies: 30 students.
- NET/JRF: 12 students.
- Govt Jobs: 10, Teaching: 07.

5.3 Student Participation and Activities

- Moot Court Competitions- 01 intra, 01 national.
- Cultural programme Kalaon Ka Karwan.
- Constitution Day celebrations.
- Student research dissertations (LL.M., BBA LL.B.(H)).

5.4 Alumni Engagement

- Alumni achievements in judiciary, academics, corporate law firms, NGOs (not systematically documented – scope to strengthen alumni cell).

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To impart quality legal education, foster the rule of law, and empower citizens with legal awareness.

6.2 Strategy Development and Deployment

- Plans for Centers of Excellence in specialized legal areas.

6.3 Faculty Empowerment Strategies

- Faculty members serve as resource persons, deliver invited lectures, hold memberships in academic/professional bodies.

6.4 Financial Management and Resource Mobilization

- Research funded via external fellowships (JRF, SRF, etc.).

6.5 Internal Quality Assurance System

- Participation in seminars, conferences,
- National and International publications;
- curriculum updated with new laws (BNSS, UCC, AI & Law).

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Legal awareness drives, Human Rights seminars, Plantation programmes.

7.2 Best Practices

- Moot Court Competitions for practical training.
- Free legal consultancy to promote access to justice.

7.3 Institutional Distinctiveness

- Focus on socially relevant areas: gender justice, environmental law, cybercrime, AI & law.
- Large number of Ph.D. students working on contemporary socio-legal issues.
- Increase student placement and internship opportunities through tie-ups with law firms, corporate houses, and NGOs.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Sudarshan Verma**
  Head, Department of Law
  Specialization: Constitutional Law, Law of Torts, Administrative Law, Women and Law

Qualification: LL.M., Ph.D. (Kumaon University, Nainital)

- **Prof. Sanjeev Kumar Chadha**
  Professor,
  Specialization: Law of Tort, Administrative Law. Intellectual Property Rights, Environmental Law
  Qualification: LL.M. (Rohilkhand University Bareilly), Ph.D. (Bundelkhand University, Jhansi)

- **Dr. Sufiya Ahmed**
  Associate Professor
  Specialization: Intellectual Property Law, Jurisprudence, Surrogacy Law, Health Care Law, Legal Research Methodology, Family Law.
  Qualification: LL.M., (BHU) Ph.D. (BBAU) (UGC NET-JRF)

- **Dr. Anis Ahmad**
  Associate Professor
  Specialization: Environmental Law, Jurisprudence, Intellectual Property Law
  Qualification: LL.M. (AMU Aligarh) Ph.D. (MDU, Rohtak) (UGC-NET)

- **Dr. Pradeep Kumar**
  Associate Professor
  Specialization: Criminal Law, Administrative Law, Intellectual Property Law
  Qualification: LL.M. (BHU) Ph.D. (BHU) (UGC-NET)

- **Dr. Mujibur Rehman**
  Assistant Professor
  Specialization: Criminal Law, Cyber Law, Constitutional Law, Human Rights, Procedural Laws, Family Law
  Qualification: LL.M. (AMU Aligarh) Ph.D. (AMU Aligarh) (UGC-NET)

8.2 Various Positions held in & out of the Institution -

8.3 Research Publications

8.3.1 Research Articles

- Verma, S., "Sowing Seeds of Equality: Women Farmers and Land Ownership Rights in India – Legal and Social Dynamics in 2024", *Indian Journal of Law and Legal Research*, ISSN: 2582-8878, Mar. 2025.
- Chadha, S. K., "Ecocide: Should Destruction of Environment be Punishable?", Journal of Higher Education Theory and Practice, vol. 24, no. 2, pp. 35–46, 2024, ISSN: 2158-3595.
- Chadha, S. K., "Ensuring Cyber Resilience and Compliance in India's Fintech Sector: A Study on RBI's Regulatory Framework", International Development Planning Review, vol. 23, no. 1, pp. 1047–1056, 2024, ISSN: 1474-6743, e-ISSN: 1478-3401.
- Chadha, S. K., "Unseen Suffering: The Misapplication and Biases of Indian Laws on Cruelty Against Husbands", International Development Planning Review, vol. 23, no. 2, pp. 1319–1329, 2024, ISSN: 1474-6743, e-ISSN: 1478-3401.

- Chadha, S. K., "Safeguarding the High Seas: A Legal and Environmental Perspective on Global Commons and the 2023 BBNJ Treaty", Organizational Development Journal, vol. 20, no. 2, pp. 70–86, 2024, ISSN: 0889-6402.
- Chadha, S. K. (Second Author), "Towards Sustainable Solutions: Legal Challenges and Responses to Microplastic Pollution", Dehradun Law Review (Special Issue), pp. 207–222, Sep. 2024, ISSN: 2231-1157.
- Chadha, S. K., "Role of Human Rights Activists in Addressing Prison Abuse", Man & Development Journal, vol. XLVI, no. 4, pp. 80–90, Dec. 2024, ISSN: 0258-0438.
- Chadha, S. K., "The Uniform Civil Code: Striking a Balance between Secularism, Religious Autonomy, and Gender Justice in India", Vegueta Anuario de La Facultad de Geografía e Historia, vol. 24, no. 2, pp. 349–359, 2024, e-ISSN: 2341-1112.
- Chadha, S. K. (Second Author), "Electoral Bonds and Political Funding in India: Transparency, Corruption, and Democratic Implications", European Economics Letters (EEL), vol. 15, no. 1, pp. 377–384, 2025, ISSN: 2323-5233.
- Chadha, S. K., "The Role of Generative AI in Transforming Education: Global Insights and India's Policy Response", European Economics Letters (EEL), vol. 15, no. 1, pp. 385–393, 2025, ISSN: 2323-5233.
- Chadha, S. K., "Increasing Population Violating Right to Environment under Article 21", Journal of Informatics Education and Research, vol. 5, no. 1, pp. 2213–2225, 2025, ISSN: 1526-4726.
- Chadha, S. K., "Role of Human Rights Activists in Addressing Prison Abuse", Man and Development, vol. XLVI, no. 4, pp. 80–90, Dec. 2024, ISSN: 0258-0438.
- Chadha, S. K., "Custodial Violence, Human Rights and the Judiciary", Periodic Research, vol. –, no. 3, Feb. 2025, ISSN: 2231-0045 (P), 2349-9435 (E).
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- Ahmed, S., and Upadhyay, S., "Women's Health under SDG 5: A Neglected Discourse", Frontiers in Law, vol. 3, pp. 45–60, 2024, ISSN: 2817-2302.
- Ahmed, S., and Upadhyay, S., "Gender and Violence in India: An Analysis from a Feminist Perspective", CPJ Law Journal, vol. XVII, Jan. 2025, ISSN: 0976-3562.
- Ahmad, A., and Kumar, N., "Protection of Geographical Indications in Uttar Pradesh", Indian Journal of Law and Legal Research, vol. VI, no. II, pp. 445–455, Apr. 2024, ISSN: 2582-8878.
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- Ahmad, A., and Fatima, M., "Judicial Pathways to Uniformity: Interpreting India's Uniform Civil Code Philosophy", Indian Journal of Law and Legal Research, vol. VI, no. V, pp. 2679–2697, Nov. 2024, ISSN: 2582-8878.
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8.3.2 Books / Edited Books

- Prof. Sanjeev Kumar Chadha, First Author, (2024.) "Intellectual Property Rights, Protecting Creativity and Innovation" Published by National Press associates, New Delhi, ISBN 978-93-48843-78-4, Page 1-224
- Singh, Dinesh & Ahmed, Sufiya, DNA Profiling as Scientific Method of Investigation in India, ISSN: 9783659809729, LAP LAMBERT INTERNATIONAL, 2024

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Gond, Mohan Kumar & Ahmed Sufiya, Surrogacy: A Socio-Cultural and Legal Perspective in India, in Surrogacy Arrangement: A Socio-Legal Study in Lucknow edited by Prashant Tripathi, ISSN: 978-93-94049-10-9 Aryan Publication, Delhi National 01Yes 2024.
- Suvek Singh Chauhan & Anis Ahmad, 'Environmental Justice Via National Green Tribunal in India in Environmental Justice and Climate Change Dr. Baleshwar Prasad. Sudhakar Shukla & Kuldeep Mishra (2024) ISBN 978-93-48059-61-1 Bharti Publications, New Delhi. Page No. 30-42.
- अनीस अहमद, निक्की कुमार, भारत मे बाल संरक्षण, बाल–कल्याण एवं न्यायिक प्रतिक्रिया : एक विश्लेषण बाल अधिकार सामाजिक विधिक–विमर्श, रमेश कुमार प्रजापति, रमेश कुमार भारती, अंजलिका (2024 ISBN 978-93-340-7328-7, FIAT JUSTITIA FOUNDATION, Prayagraj, U.P Page No.01-10.

- Dr. Pradeep Kumar "Philosophy of Religion under Indian Constitution, Research in India" Volume- XI, September, 2024, Ramanshil Publication, ISBN 978-93-92310-95-9
- Dr. Pradeep Kumar "भारत में बालश्रमिकों की समस्या: कोविड महामारी के समय में मानवाधिकार का हनन बाल अधिकार (सामाजिक विधिक विमर्श)" Fiat Justitia Foundation, Prayagraj, ISBN 978-93-92310-95-9

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Prof. Sanjeev Kumar Chadha Presented on National Seminar on Human Rights of prisoners: Issues, Challenges and Prospects" on Topic "Behind Bars but not Beyond Rights: A Study of Prisoners Legal and Human Rights" organized by Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow. held on February 03rd 2025. Conference/Symposium/Workshop
- Dr. Sufiya Ahmed, presented a paper on the New Criminal Law in India: A Critical Analysis National, In the National Seminar on New Criminal Laws: The Need, The Focus and The Future on 9th November 2024 organized by faculty of Law, University of LucknowOrganized by Faculty of Law, University of Lucknow, Lucknow, 2024
- Dr. Sufiya Ahmed, presented a paper on Prisoner's Right to Life, Dignity and Personal Liberty in India National, In the National Seminar on Human Rights of Prisoners: Issues, Challenges and Prospects organized by Department of Law, BBAU ON February 3rd, 2025
- Dr. Sufiya Ahmed, presented a paper on The New Criminal Laws in India: A Critical Analysis National, in a national seminar on new Criminal Laws: The Need, The Focus and The Future, Organized by faculty of Law, University of Lucknow,2024
- Dr. Anis Ahmad presented paper on "New Criminal laws in Indian Crminal Justice System: Some Reflections" in Two days National Seminar on "Transformation in the Criminal Laws in India: A New Era of Indian Criminal Justice System" 8th & 9th April, 2024 organised by Department of Law, School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Dr. Anis Ahmad presented paper on "Exploring the implication of Artificial Intelligence on IPR" in Two days National Seminar on "Navigating Artificial Intelligence Nexus: Exploring and Bridging the legal and Ethical Emerging Issues" 12th & 13th April, 2024 TRC Law College, organised by TRC Law College, Satrikh, Barabanki.
- Dr. Anis Ahmad, presented paper on "Intellectual Property Rights and Access to Medicine: Revisiting in the Context of Sustainable Development Agenda 20230" in One day International Conference on "Convergence of Health: Exploring Legal & Medical Perspectives" 27th April, 2024 organised by Faculty of Law & Faculty of Medicine& Health Sciences, Integral University, Lucknow.
- Dr. Anis Ahmad, presented paper on "Role of Mediation in Family Disputes: A Legal Analysis" in one day National Conference on "Arbitration and Mediation at Crossroads: From Present to Future" 28th April, 2024 organised by Faculty of Law, University of Lucknow. Lucknow
- Dr. Anis Ahmad, presented paper on "International Environmental Governance and Sustainable Development: An Analysis in the Context of Sustainable Development Agenda 20230" in One day International Seminar on "Global Governance and International Law Challenges and Opportunities" 09th November, 2024 organised by Geeta Institute of Law, Geeta Global Law School, Geeta University, Karhans. G.T. Road Panipat. Haryana.

- Dr. Anis Ahmad, presented paper on "Revisiting the Preambular Ethos of Indian Constitution" Two days National Seminar on "Importance of Preamble of Indian Constitution in National Building" 26th -27th November,2024 organised by Department of Law, School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow
- Dr. Anis Ahmad, Presented paper on "Human Rights of Prisoners in India: Perspective of Realisation" One days National Seminar on "Human Rights of Prisoners: Issues, Challenges, and Prospects" 3rd February,2025 organised by Department of Law, School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.

Invited Lectures:

- Prof. Sanjeev Kumar Chadha delivered a lecture in Two Days National Conference "Inno Sustain 2.0" as Speaker, Topic "Sustainable Development and New Environment Policies" Dated 24/10/2024 at Uttaranchal University, Dehradun.
- Dr. Sufiya Ahmed, Delivered a lecture on the topic Offences Against Women and Children (under BNS): A Comparison of IPC and BNS in Narvadeshwar law college on 9th August 2024.
- Dr. Sufiya Ahmed, delivered a lecture on the topic Evolution of IP Laws: Protection of Research and Academic Creation" in an FDP organized by Integral university on 19th September 2024
- Dr. Sufiya Ahmed, delivered a lecture on the topic "Copyright Aspect of IP" National in 12-day UGC-Sponsored Online Refresher Course on Arbitration Mediation and RTI, organized by UGC-MMTTC, Osmania University, Hyderabad, Telangana in association with Hyderabad Academy of Mediation and Peace Studies (HAMPS) 2024
- Dr. Pradeep Kumar, The Preamble as a Guiding Light for Constitutional Interpretation and Judicial Review, Two Day National Seminar on "Importance of Preamble of Indian Constitution in Nation Building" on 26th -27th November, 2024, organized by Department of Law.
- Dr. Pradeep Kumar, Bail is the Rule, Jail an Exception: A Precedent that isn't Binding One Day National Seminar on "Human Rights of Prisoners: Issues, Challenges and Prospects" on 3rd February, 2025, organized by Department of Law in collaboration with National Human Rights Commission.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Sudarshan Verma

- KM. Manisha Gaur has enrolled for a Ph.D. with the thesis titled "Socio-Economic Status of Women Farmers in India with Special Reference to Land Ownership of Women Farmer's in the District of Lucknow".
- Kajal Singh Gautam has enrolled for a Ph.D. with the thesis titled ""
- has enrolled for a Ph.D. with the thesis titled "Forensic Investigation and Its Implications under New Criminal Laws: A Socio-Legal Study with Special Reference to Lucknow District ".
- Sagarika Singh has enrolled for a Ph.D. with the thesis titled "Reservation to SC's & ST's in Public Employment and the Concept of Creamy Layer: A Socio-Legal Study with Special Reference to Lucknow City ".
- Aayush Verma has enrolled for a Ph.D. with the thesis titled "Emerging Trends of Cyber Crime in India with special reference to Digital Arrest: A socio-legal study in Lucknow District ".

- Udit Mishra has enrolled for a Ph.D. with the thesis titled not allotted.
- Rajan has enrolled for a Ph.D. with the thesis titled not allotted.

Prof. Sanjeev Kumar Chadha

- Amit Kumar Singh has enrolled for a Ph.D. with the thesis "Rise of Artificial Intelligence and Protection of Human Rights: Legal Issues and Challenges ".
- Varsha Singh has enrolled for a Ph.D. with the thesis "The Crime of Ecocide in India: Developing A Legal Framework for Environmental Rights and Pathways Towards Environmental Justice. "
- Kamal Rajora has enrolled for a Ph.D. with the thesis "Regulation of Cyber Space with Special Reference to Net Neutrality in India "
- Ravi Shankar Singh has enrolled for a Ph.D. with the thesis "Enhancing Equality and Overcoming Social Bariers, The Struggle and Prospect Of SC/ST: Challenges Ahead "
- Kumar Shubham has enrolled for a Ph.D. with the thesis not allotted.

Dr. Sufiya Ahmed

- Shobhit Raj Pandey has enrolled for a Ph.D. with the thesis "Analysing the Social- Legal Dimensions of Industrial Carbon Emissions in Central Uttar Pradesh: Challenges, Prospects, and Solutions for Sustainable Development "
- Sunidhi Singh has enrolled for a Ph.D. with the thesis "Artificial Intelligence: Constitutional and Legal Challenges and Solutions ".

Dr. Anis Ahmad

- Nikki Kumar has enrolled for a Ph.D. with the thesis "The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh ".
- Himalay Gaund has enrolled for a Ph.D. with the thesis "Solid Waste Management: A Socio-Legal Study of Gorakhpur City"
- Diwan Jauher Khan has enrolled for a Ph.D. with the thesis "Energy Conservation in India: A Critical Study on Law and Policy"
- Chandrakant Pandey has enrolled for a Ph.D. with the thesis "Climate Change and Disaster Management in India: A Critical Legal Study to Achieve the sustainable Development Goal".
- Yavanika Sharma has enrolled for a Ph.D. with the thesis
- Lokesh Chandra Ranjan has enrolled for a Ph.D. with the thesis

Dr. Pradeep Kumar

- Baba Ncyicor has enrolled for a Ph.D. with the thesis "Jurisprudential Aspects of Customary Law In 'Galo' Tribes: A Socio-Legal Study with Special Reference to Lower Siang District of Arunachal Pradesh"
- Kartikey Bajpai has enrolled for a Ph.D. with the thesis "Accountability of Executive and Judiciary in Criminal Justice Administration: A Jurisprudential Study with Special Reference to Violation of Right to Life and Personal Liberty and Proposed Framework".
- Anushka Srivastava has enrolled for a Ph.D. with the thesis "Ensuring Inclusive Justice to Transgender in India: A Socio Legal Study with Special Reference to District of Lucknow."
- Harsh Kumar has enrolled for a Ph.D. with the thesis A Socio-Legal Study of Under Representation of Women in Indian Politics with Special Reference to Nari Shakti Vandan Adhiniyam, 2023"

- Amit Kumar has enrolled for a Ph.D. with the thesis "Exploring the Escalating Menace of Deep fake: Impacts on Privacy, Democracy and National Security in Indian Perspective"
- Himanshu Jaiswal has enrolled for a Ph.D. with the thesis Not allotted.

Dr. Mujibur Rehman

- Snigdha Srivastava has enrolled for a Ph.D. with the thesis The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh"
- Maria Momin has enrolled for a Ph.D. with the thesis Impact of Domestic Violence on Children's Welfare: A Socio-Legal Study of Lucknow City.
- Somesh Prakash has enrolled for a Ph.D. with the thesis not allotted.

8.3.5.2 Ph.D. Awarded

Dr. Mujibur Rehman

- Ph. D awarded to Mr. Ram Chandra Meena on the thesis titled "Violation of Human Rights in Child Care Home: A Socio-Legal Study with Special Reference to Jaipur District"
- Ph. D awarded to Ms. Shubhyanka Rao on the thesis titled "Rights of Elderly Persons: A Study of Law and Policies in India with Special Reference to Lucknow City"

Dr. Sufiya Ahmed

- Ph. D awarded to Ms. Aishwarya Kamya Singh on the thesis titled "Gender Inequality under Personal Laws in India: A Socio-Legal Study with Special reference to Uniform Civil Code"

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	03
5.	Total number of PhD degree awarded by Department	03
6.	Total number of PG students	81
7.	Total number of UG students	283
8.	Total number of diploma/certificates students (if any)	00
9.	Total number of students placed	10
10	Total number of Award and Medals	00
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	00
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	12
17	Total number of total number of students opted for higher studies	30

Centre of Post Graduate Legal Studies

About the Department

The Centre of Post Graduate Legal Studies established under School of Legal Studies in 2013 started functioning from the session 2013-14 to offer One Year LL.M. Degree programme as per UGC Guidelines. The Centre started with an intake of 20, with EWS reservation presently the intake is 24. The teaching is done by the senior faculty members of the School of Legal Studies along with Resource Persons and Visiting Faculties. Presently Two Groups **(1) Constitutional Law and Administrative Law and (2) Criminal Law** are running in the Centre of Post Graduate Legal Studies. The object of the course is to promote world level academicians, corporate lawyers and Masters in International principles.

One Year LL.M. program with focus on advanced legal education, equipped with specialized knowledge and analytical skills enables students to enhance legal expertise, strengthens their decision-making ability, expands professional's network, develops innovation and leadership quality.

The Degree of One Year LL.M. is conferred to the students who fulfil the criteria of **publication/presentation in International/National Seminar/Conferences** during the program.

Strength

- Strong academic base with senior professors and experienced faculty.
- Interdisciplinary teaching-learning approach with inputs from Department of Human Rights and Department of Law.
- Resource persons and visiting faculty enhance exposure.
- High student achievements: 11 qualified UGC NET, 2 qualified UGC JRF, 1 selected for Ph.D., and 1 appointed as Law Officer in Bank of Baroda.
- Faculty members engaged in research projects, publications, editorial boards, academic committees, and invited lectures nationally and internationally.
- Active student academic engagements like Friday Legal Seminars.
- Well-connected faculty network through professional memberships, IQAC participation, academic boards, etc.

Next Year Plan (2025-26)



- Organize national seminars, webinars, and workshops on emerging legal issues.
- Strengthen collaboration and MoU's with national and international institutions.
- Enhance student placement opportunities and establish career guidance mechanisms.
- Expand research output through funded projects, publications, and joint research initiatives.

- Upgrade ICT-enabled infrastructure (more classrooms, smart boards, digital resources).
- Initiate extension and outreach programmes in legal aid and awareness.
- Develop alumni engagement platforms for mentorship and networking.
- Work towards making the Centre a hub for advanced legal studies and policy research.

1. Curriculum Aspects

1.1 Curriculum Design and Development



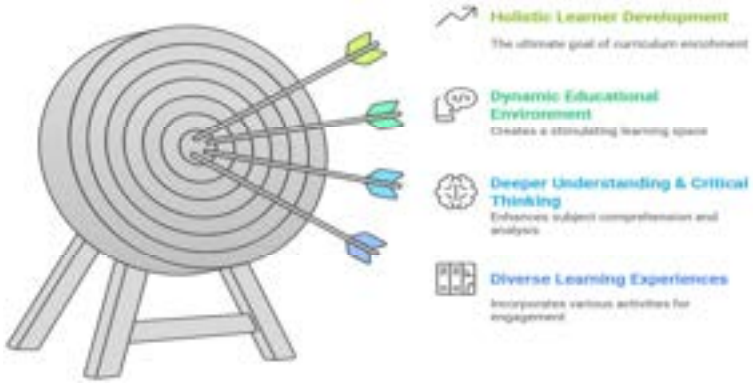
- One Year LL.M. Degree offered as per UGC guidelines.
- Groups: Constitutional & Administrative Law, Criminal Law.
- Publication/Presentation in conference is a mandatory part of curriculum.

1.2 Academic Flexibility



- Students can choose specialization groups.
- Visiting and guest faculty provide academic flexibility.

1.3 Curriculum Enrichment



- Friday student seminars on contemporary legal issues.
- Special lectures by experts and visiting faculty.

1.4 Feedback System

- Informal student feedback incorporated into curriculum delivery.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Intake: 24 students (with EWS reservation).

2.2 Catering to Student Diversity



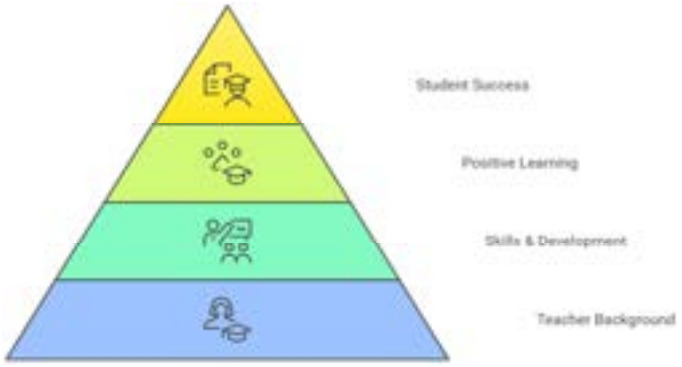
- Individual mentoring by senior faculty.
- Students from diverse academic backgrounds admitted.

2.3 Teaching-Learning Process



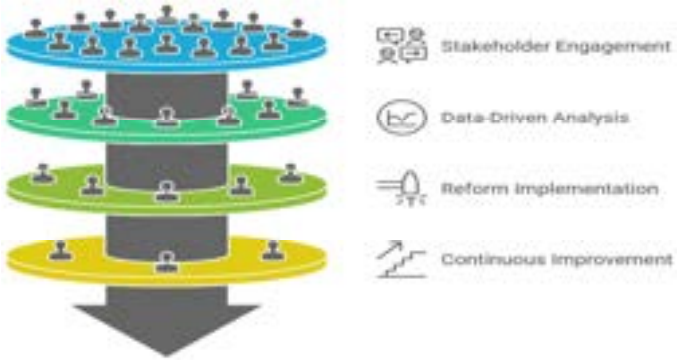
- ICT-enabled teaching (Laptop & projector).
- Interdisciplinary teaching with support from Department of Law and Human Rights.

2.4 Teacher Profile and Quality



- Prof. Preeti Misra (Director, specialization in Criminal Law, Women and Law, Family Law, Human Rights).
- Dr. Rashwet Shrinkhal (Coordinator, specialization in Indigenous Rights, International Human Rights Law).
- Support from Resource Persons.

2.5 Evaluation Process and Reforms



- Mandatory publication/presentation before awarding degree.
- Continuous internal evaluation via student seminars.

2.6 Student Performance and Learning Outcomes



- 24 LL.M. students graduated.
- UGC NET: 11, JRF: 2, Ph.D. admission: 1, Law Officer in Bank of Baroda: 1.

2.7 Student Satisfaction Survey

- Not formally conducted, but informal feedback is positive.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Research project: Human Rights of Elderly People in Uttar Pradesh (PI: Dr. Rashwet Shrinkhal).

3.2 Resource Mobilization for Research



- Rs. 1.00 lakh received from UPHRC.

3.3 Innovation Ecosystem

- Legal research and publications encouraged.

3.4 Research Publications and Awards



- Faculty publications in UGC Care-listed and international journals (Wiley, Sage, etc.).
- Book chapters accepted by IGNOU.

3.5 Consultancy

- Paid consultancy opportunities explored (no major consultancy yet).

3.6 Extension Activities

- Participation in Legal Aid Programmes and Human Rights awareness activities.

3.7 Collaboration

- Faculty collaborations with universities (IGNOU, Nirma, Amity, etc.).
- MoUs: None yet.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Fully Wi-Fi connected building.
- One classroom, one faculty room.

4.2 Library as Learning Resource

- Students use central library facilities of the University.

4.3 IT Infrastructure

- One laptop and projector available.

4.4 Maintenance of Campus Infrastructure

- University manages maintenance of classrooms and facilities.

5. Student Support and Progression



5.1 Student Support

- Women Cell, Grievance Redressal Committee, Anti-Ragging Committee active.

5.2 Student Progression

- Students progressing to Ph.D., competitive exams, and legal profession.

5.3 Student Participation and Activities

- Student-led seminars every Friday.
- Participation in university-level awareness programmes.

5.4 Alumni Engagement

- Informal alumni interaction, formal platform under planning.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision to promote excellence in postgraduate legal studies.

6.2 Strategy Development and Deployment

- Strategy to align teaching, research, and extension with NEP 2020.

6.3 Faculty Empowerment Strategies

- Faculty actively participates in FDPs, editorial boards, research committees.

6.4 Financial Management and Resource Mobilization

- Research project funding received from UPHRC.

6.5 Internal Quality Assurance System (IQAC)

- Faculty members serve in IQAC of School of Legal Studies and external universities.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Active participation in Human Rights Day, Child Labour Day, and Legal Aid Programmes.

7.2 Best Practices

- Mandatory publication/presentation for LL.M. award.
- Regular Friday student seminars.

7.3 Institutional Distinctiveness

- Unique blend of law and human rights teaching.
- Faculty networked nationally and internationally with multiple boards and committees.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Preeti Misra** (Faculty Dept. of Human Rights)
  Director, Centre of Post Graduate Legal Studies
  Former Dean, School of Legal Studies
  Ex-Head, Department of Human Right
  Specialization: Criminal Law, Women and Law, Family Law, Human Rights Law
  Qualification: M.A. (Eco.), LL.M., LL.D., B.Ed., Proficiency in German

- **Dr. Rashwet Shrinkhal (Faculty Dept. of Human Rights)**
  Coordinator, Centre of Post Graduate Legal Studies
  Specialization: Indigenous & Tribal Rights, Legal Theory, International Human Rights Law
  Qualification: LL.M. (Human Rights), M.Phil.-Ph.D. (International Law)

  Resource Person- 1
  Resource Person- 2
  Resource Person- 3

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Prof. Preeti Misra

- **Prof. Preeti Misra** "The Menace of Fake News in the Rise in the Use of Social Media", Journal Global Values, Journal Anu Books, An International Peer Reviewed Journal, Delhi/Meerut, Vol. XV, No.1 Jan to June 2024, Article No.11, pp. 076-83. (Co-Author)
- **Prof. Preeti Misra** "Critical Method and the Question of Legal Personality: Exploring the Subjugation of Humans Through Personhood", RMLNLUJ Vol.16 (2024) (Co-Author)

Dr. Rahwet Shrinkhal

- **Dr. Rashwet Shrinkhal** "Review of Flood Hazards in Kosi River – A Way Forward for Disaster Risk Reduction", in the World Water Policy, [Wiley publication] [In press] [coauthored with S. Kumar, S. Shukla, A. Singh], Vol. 10(4), Page No. 1270-1291 (May, 2024)
- **Dr. Rashwet Shrinkhal** "Protection of Traditional Knowledge (TK) and Traditional Cultural Expressions' (TCEs) of Indigenous Peoples: Some Reflections", in the SAMPRATYAYA ASSRA's Multi-Disciplinary International Journal of Social Sciences & Humanities, Single Author, Vol. 1(3) Special Issue, Page No. 24-33 (September, 2024)
- **Dr. Rashwet Shrinkhal** "REVISITING LOHIA'S VISION OF SOCIALISM AND [HIS] JUST WORLD ORDER.", in the Eastern Book Company RMLNLU Law Journal, Co-Author, Vol. 16, Page No. 24-33 (March, 2025).

8.3.2 Books / Edited Books: Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Preeti Misra:

- **Block 3 Justice Delivery Unit 8 Role of Judiciary and Justice Delivery System**, Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration **(Accepted for Publication)**
- **Block 3 Justice Delivery Unit 9 Legal Aid,** Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration **(Accepted for Publication)**
- **Block 3 Justice Delivery Unit 10 Witness Protection Mechanism and Rights of the Victims,** Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration **(Accepted for Publication)**
- **Block 3 Justice Delivery Unit 11 Role of Stake Holders in The Process of Eradicating Human Trafficking,** Master of Arts in Migration and Diaspora, Under

the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, Programme Code MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration **(Accepted for Publication).**

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Preeti Misra:

- Presided over a National Webinar organized by Dept of Human Rights on World Day Against Child Labour on 12 June 2024, https://arya-tv.com/online-webinar-organized-at-bbau-on-the-occasion-of-world-day-against-child-labor/.
- Co-Chairperson in Two Days National Workshop "NEP 2020: Legal Curriculum" organized by Dept. of Legal Studies and Research, Barkatullah University, Bhopal, M.P. & Vidhya Bharti Uchcha Shiksha Sansthan, New Delhi on 23 & 24 October, 2024.
- Chairperson of One Day Workshop on Intellectual Property Rights Awareness 2025 (funded by UP Council of Science and Technology) organised by IPR, Legal and Ethical Related Committee (R&D Cell) BBAU on 6th February 2025.

Dr. Rashwet Shrinkhal

- Attended 12-week Faculty Development Programmes on the topic of "Constitution Law and Public Administration in India" organized by NPTEL-AICTE from 01/01/2024 to 30/04/2024.
- Joint Secretary in One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.
- Joint Secretary in Legal Aid Programme on the topic "भारत सरकार की कल्याणकारी योजनाएँ" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on November 13th, 2024.
- Joint Secretary in One Day Visit and Interaction Session Programme on the Occasion of 'International Day of Older Persons' on the theme "Ageing with Dignity" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 01st, 2024.
- One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.

8.3.5 Research Supervision: Nil

8.3.5.1 Ongoing Supervision: Nil

8.3.5.2 Ph.D. Awarded: Nil

8.3.6 Projects/Consultancy/and any other

Dr. Rashwet Shrinkhal

- Research Grant of Rs. 1,00,000.00/- for the project titled "Human Rights of Elderly People in Uttar Pradesh: A Critical Study" Sponsored by UPHRC, Lucknow" was granted in 2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Preeti Misra

- Patron in Two Days National Seminar on "Transformation in the Criminal Laws in India: A New Era of Indian Criminal Justice System" organized by Dept. of Law, School of Legal Studies on 8 & 9 April 2024.
- Patron in One Day National Webinar to commemorate 'World Day Against Child Labour' organized by Dept. of Human Rights, School of Legal Studies, Under the aegis of Standing Organising Committee (SOC), BBAU, Lucknow on June 12th, 2024.
- Judge in Late Dr. Vijay Agrawal Memorial Inter Moot Court Competition 2023 organised by Maa Vaishno Devi Law College on 3/8/2024
- Patron in One Day National Seminar to commemorate 'Human Rights Day' on the topic of "OUR RIGHTS, OUR FUTURE, RIGHT NOW" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on December 10th, 2024.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	02
2.	Total number of journal publications by Department (International)	03
3.	Total number of publications in conference proceedings	04
4.	Total number of workshops/conferences/seminars/etc organized by Department	00
5.	Total number of PhD degree awarded by Department	00
6.	Total number of PG students	24
7.	Total number of UG students	00
8.	Total number of diploma/certificates students (if any)	00
9.	Total number of students placed	01
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	00
13	Total number of consultancy projects sanctioned	01
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	13
17	Total number of total number of students opted for higher studies	01

School of Life Sciences

The School of life Sciences (SLSc.) comprises Department of Biotechnology and Department of Zoology. The Department of Biotechnology started functioning from September 2005 and offers P.G. and Ph.D. Programmes. The Department of Zoology commenced its first ever academic session since 2001 and offers U.G., P.G. and Ph.D. Programmes. Both the departments are well equipped with state-of-the-art laboratories and field facilities, as per requirement. Students and faculty members of the school belong to varied regions of the country with diverse fields of specialization. Since programmes are multifaceted, the School arms its students for vocational studies, good job opportunities as well as self- employment, thereby contributing to the economic growth of the country. This is self- evident from the course structure of both the departments, which are having all the essential component of National Education Policy 2020 i.e. CBCS, Ability Enhancement Course (AEC), Value added Courses (VAC), Indian Knowledge System etc to name a few. SLSc. gives multiple entry and exit facility for enhanced academic flexibility and is determined to offer academic environment promoting multidisciplinary education and holistic development of students.

Department of Biotechnology

About the Department

The Department of Biotechnology was established in 2005. It offers PG/PhD programs focusing on life sciences, Bioinformatics, applied research Industrial need, and skill development. The department is committed to providing quality education, research opportunities, and industry exposure to students.

Strengths

- Qualified and experienced faculty with research expertise.
- Well-equipped laboratories with advanced instruments.
- Active participation in research projects getting extra mural grants and publications.
- Strong student support system with mentoring and career guidance.
- Collaboration with industries and research organizations.

Next Year Plan (2025-26)



- Updating curriculum courses in emerging areas of Biotechnology from time to time.
- Strengthen industry-academia collaborations for internships and projects.
- Apply for funded research projects from national and international agencies.
- Organize seminars, workshops, and skill development programs.
- Enhance alumni engagement and placement opportunities.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum designed as per university guidelines with focus on both theoretical and practical aspects as per NEP2020.
- Inputs taken from stakeholders such as students, alumni, and industry experts.

1.2 Curricular Planning and Implementation

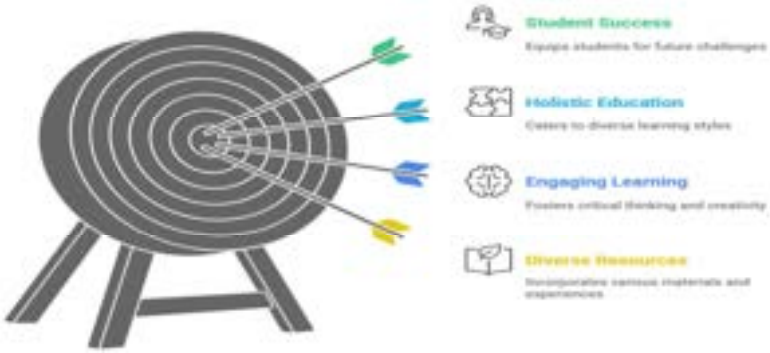
- Academic calendar prepared and followed.
- Teaching plan and course outcomes defined at the beginning of each semester.

1.3 Academic Flexibility



- Choice-based credit system (CBCS) implemented.
- Elective and interdisciplinary courses offered.
- Options to acquire credits from MOOC/online

1.4 Curriculum Enrichment



- Several skill-based courses offered
- Value-added courses and certificate programs introduced.
- Topics on ethics, environment, and sustainability integrated into curriculum.
- Multiple entry & exit system is in place

1.5 Feedback System

- Feedback collected from students, alumni, and employers.
- Feedback analysed and incorporated for curriculum improvement.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Admissions done through Common University Entrance (CUET).
- Diversity in Faculty and student profile (gender, region, and socio-economic background).

2.2 Catering to Student Diversity



- Bridge courses, remedial classes, and advanced learning sessions conducted.

2.3 Teaching-Learning Process



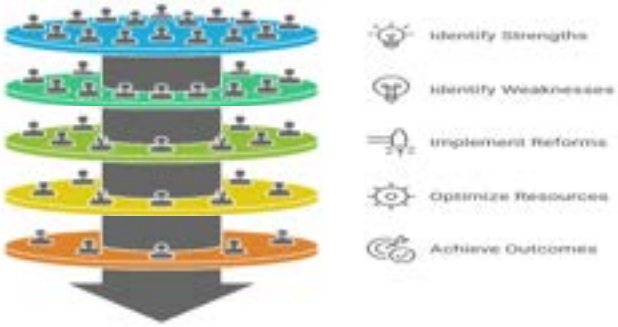
- Use of ICT-enabled teaching methods.
- Experiential learning through projects, field visits, and lab work.

2.4 Teacher Profile and Quality



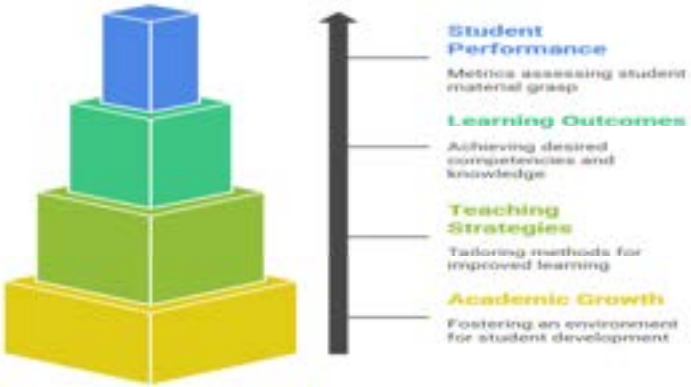
- Faculty with Ph.D. qualifications and research expertise.
- Continuous faculty development programs attended.

2.5 Evaluation Process and Reforms



- Internal assessments, assignments, presentations, and lab records evaluated.
- Transparency maintained with display of marks and revaluation process.

2.6 Student Performance and Learning Outcomes



- Programme Outcomes (POs) and Course Outcomes (COs) defined and assessed.
- Students achieve good results in university exams.

2.7 Student Satisfaction Survey

- Regular survey conducted to assess teaching-learning quality.

3. Research, Innovations, and Extension



3.1 Resource Mobilization for Research



- Faculty apply for research projects under DBT, DST, UGC, etc.

3.2 Innovation Ecosystem

- Department promotes start-ups and innovation through incubation centers.

3.3 Research Publications and Awards



- Faculty and students publish in reputed journals.
- Participation in national/international conferences.

3.4 Extension Activities

- Community outreach programs like awareness on health, environment, and bio-safety.

3.5 Collaboration

- MoU’s signed with industries, institutes, and research centers.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Classrooms with ICT facilities.
- Well-maintained laboratories and seminar halls.

4.2 Library as Learning Resource

- Access to e-resources and digital library.

4.3 IT Infrastructure

- High-speed internet, computers, and lab management systems.

4.4 Maintenance of Campus Infrastructure

- Regular maintenance of lab equipment and classrooms.

5. Student Support and Progression

5.1 Student Support



- Scholarships, counselling, and mentoring provided.

5.2 Student Progression

- Students pursue higher education and research.
- Placement in industries and research labs.

5.3 Student Participation and Activities

- Students actively participate in seminars, debates, cultural, and sports activities.

5.4 Alumni Engagement

- Alumni provide guidance, internships, and placements.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Department aligned with institutional vision of excellence in education and research.

6.2 Strategy Development and Deployment

- Strategic plans prepared for curriculum, research, and extension activities.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to attend FDPs, workshops, and research training.

6.4 Financial Management and Resource Mobilization

- Efficient utilization of funds from college and research agencies.

6.5 Internal Quality Assurance System (IQAS)

- Continuous improvement through IQAC monitoring.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Awareness programs on ethics, gender equality, and sustainability.

7.2 Best Practices

- Bio-waste management and eco-friendly practices adopted.
- Hands-on training workshops for students.

7.3 Institutional Distinctiveness

Department stands out for its focus on research-driven teaching and industry collaborations.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. D. R. Modi**
  Head of the department
  Department of Biotechnology
  Specialization: Microbial Biotechnology: Bioremediation
  Qualifications: M.Sc., Ph.D.

- **Prof. Sangeeta Saxena**
  Professor, Dean
  Department of Biotechnology
  Specialization: Plant Molecular Biology, Molecular Virology, RNA interference, Molecular Markers, Cross kingdom regulation by plant miRNA
  Qualifications: M.Sc., M.Phil., Ph.D., PDF(Sweden)

- **Dr. Sunil Babu Gosipatala**
  Associate Professor,
  Department of Biotechnology,
  Specialization: Immunomodulation, Cancer Genetics, Host-Pathogen interactions at miRNA level, Bioinformatics, Nanotechnology
  Qualifications: M.Sc., Ph.D.

- **Dr. Monica Sharma**
  Assistant Professor,
  Department of Biotechnology
  Specialization: Enzyme and Microbial Technology, Bioinformatics
  Qualifications: M.Sc. Ph.D.

- **Dr. Yusuf Akhter**
  Assistant Professor,
  Department of Biotechnology,
  Specializations: Protein Structures, Structural Biology, Drug discovery against pathogen.

Qualifications: M.Sc., PhD

8.2 Various Positions held in & out the Institution –

Prof. Dinesh Raj Modi

- Association of Microbiologists of India - Life Member
- Biotech Research Society of India - Life Member
- Society of Biological Chemists, India -Life Member
- Association for the Promotion of DNA Finger printing and other DNA Technologies (ADNAT) -Life Member
- Indian Science Congress -Life Member

Prof. Sangeeta Saxena

- Member, Institutional Bio-safety Committee (IBSC) (22-01-2025)
- Member, Institutional Development Plan (24-06-2024)
- Chairperson, School board (Life Sciences) (2024 for 03 years)
- Dean SLSc (09.11.2023)
- Chairperson, Committee constituted for implantation of NEP-2020 (08.02.2023)
- Member, Committee to look into the provisions of MoU between BBAU and CSJMU (20.12.2022)
- Member, Board of management of BBAU (19.10.2022)
- External expert of the Board of studies, SRMU (08.09.2022)
- External expert of the Board of studies, Integral University (20.08.2022)
- Member, Planning Board of the University (27.07.2022)
- Chairperson, Departmental Research Committee (DBT), (01.02.2022)
- Chairperson, Board of Post Graduate Studies (DBT), (24.11.2021)
- Head of the Department, Department of Biotechnology (08.09.2020)
- Co-ordinator, Information and Guidance Bureau (08.07.2019)
- Member, Academic Council (2018 onwards)

Membership in Professional bodies

- Life Member, Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT)
- Life Member, The Society of Biological Chemists (SBC) India

Dr. G. Sunil Babu

- Member: Board of Management, BBAU,Lucknow: Nov 2023 to till date
- Member: Academic Council, BBAU 2021 to till date
- Member: Board of Post Graduate Studies, Department of Biotechnology, ERA University, Lucknow
- Member: Research and Development Committee; ERA University, Lucknow
- Member Secretary, Institutional Ethics Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025.
- Reader, Department of Biochemistry, Bundelkhand University, Jhansi, Uttar Pradesh (Jan, 2005to Sept 2005)

- Lecturer, Department of Biochemistry, Bundelkhand University, Jhansi, Uttar Pradesh (May,2001 to Jan 2005)

Membership in Professional bodies:

- Life Member, Indian Immunology Society.
- Life Member, The Society of Biological Chemists (SBC) India.
- Life Member, The Cytometry Society of India.
- Life Member, Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT).
- Life Member, Indian Science Congress
- Member-International Society for Advancement of Cytometry (ISAC -2015)
- Annual Membership of European Society of Clinical Microbiology and Infectious Diseases (ECCMID) 2020

Dr. Monica Sharma

- Life time member of Association of Microbiologist of India (since 2005)
- Life time member of OWSD (Organization for Women in Science for the Developing World) (2020).
- Editor on topic Women in Extreme Microbiology: 2022Frontiers in Extreme Microbiology published by Frontiers Media, Switzerland
- Guest Associate Editor Frontiers in Extreme Microbiology published by Frontiers Media, Switzerland (since 2022)
- Guest Associate Editor in Frontiers in Microbiotechnology published by Frontiers Media, Switzerland (since 2022)
- Review Editor Frontiers in Microbiotechnology published by Frontiers Media, Switzerland (since 2020)

Dr. Yusuf Akhter

- Editor-in-Chief, Archives of Microbiology, published by Springer-Nature, Berlin (since 2023).
- Associate Editor, Frontiers in Microbiology published by Frontiers Media, Switzerland (since 2021).
- Editorial Board Member, Scientific Reports, published by Nature research, United Kingdom (since 2019)
- Associate Editor, Frontiers in Genetics (Bioinformatics and Computational Biology) published by Frontiers Media, Switzerland (since 2018)
- Associate Editor, BMC Genomics published by BioMed Central, United Kingdom (since 2018)
- Associate Editor, BMC Microbiology published by BioMed Central, United Kingdom (since 2016)
- Member, Editorial Board, Archives of Microbiology published by Springer (since 2016)
- Member, Editorial Board, Cogent Biology published by Taylor & Francis (since 2016)

- Member, Editorial Board, Protein and Peptide Letters published by Bentham Science Publishers (since 2016)
- Review Editor in the Editorial Board of Frontiers in Microbiology, Frontiers in Medicine and Frontiers in Public Health (since 2016)
- Life Member, Society of Biological Chemists, India, (since 2013)
- Member, Federation of European Biochemical Societies (FEBS) (2010- 2012)
- Member, International Union of Biochemistry and Molecular Biology (IUBMB) (2010- 2012)
- Member, Gesellschaft für Biochemie und Molekularbiologie (German Society for Biochemistry and Molecular Biology) (2010-2012)
- Member, TB structural genomics consortium, University of California, LA, USA (since 2004)

8.3 Research Publications

8.3.1 Research Articles

Prof. D. R. Modi

- The development of an acetic acid–degrading microbial strain that tolerates 4-chloro-2-methylphenoxyacetic acid and 2, 4-dichlorophenoxyacetic acid. Folia Microbiologica, 1-11. Kaur, L., & Modi, D. R. (2025).
- Biodegradation of Phenoxyacetic Acid Herbicides (MCPA AND 2, 4-D) by: Insights from HPLC Detection Escherichia Coli. Indian Journal of Ecology, 52(4), 755-762.
- Kaur, L., Bhatti, S. & Modi, D.R. Degradation of phenoxyalkanoic acid herbicides by isolated bacterial strain LKDC4 Pseudomonas aeruginosa. Biodegradation 36, 92 (2025). https://doi.org/10.1007/s10532-025-10189-3 Kaur, L., & Modi, D. R. (2025).
- Shubhangi Chaturvedi, Pooja, Shivangi Singh, Tridev Katiyar and Dinesh Raj Modi Exploring the Genetic Association of KCNJ11 Polymorphism & Type 2 Diabetes Susceptibility (A Case- Control Approach) Applied Biological Research (2025)
- Chaturvedi S, Singh S, Singh S, Katiyar T,Modi RD. Association Study of KCNJ11 and PPARG Genetic Variants as Potential Biomarkers for Improved Treatment Outcomes in Type 2 Diabetes Mellitus. Research Journal of Biotechnology. 2025 Feb
- Singh S, ChaturvediS, Pooja, ModiDR, Singh S, Saxena M, Katiyar T. Association of Intelectin Gene Polymorphism with Type 2 Diabetes Risk in the North Indian Population. J Clin Biomed Sci 2025;15(1):28-37.https://doi.org/10.58739/jcbs/v15i1.122
- Singh, Shivangi;Pooja,; Chaturvedi, Shubhangi; Katiyar, Tridiv1; Singh, Shefali;Modi, Dinesh Raj.AssociationofBMIandinterleukingenepolymorphismwithlifestyleriskfactorsin diabetes mellitus. MGM Journal of Medical Sciences12(1): p95-103, January-March2025. DOI: 10.4103/mgmj.mgmj_328_24

- Pooja, Shivangi Singh, Shubhangi Chaturvedi, Shefali Singh, and Dinesh Raj Modi INTERRELATIONOFTCF7L2GENEPOLYMORPHISMWITHTYPE2 DIABETESPATIENTSOFNORTHINDIAN POPULATIONBiochemicalandcellularArchives0972-5075(2025)
- Kaur, L., Modi, D.R., 2025. Enhanced biodegradation of phenoxyacetic herbicides 2,4-d and 4-chloro-2-methylphenoxyacetic acid by bacterial strains under variable environmental conditions. J. Appl. Sci. Innov. Technol. 4 (1), 30-36.
- Kaur, L., Bhatti, S. & Modi, D.R. Degradation of phenoxyalkanoic acid herbicides by isolated bacterial strain LKDC4 Pseudomonas aeruginosa. Biodegradation 36, 92 (2025). https://doi.org/10.1007/s10532-025-10189-3 Kaur, L., & Modi, D. R. (2025).
- The development of an acetic acid–degrading microbial strain that tolerates 4-chloro-2-methylphenoxyacetic acid and 2, 4-dichlorophenoxyacetic acid. Folia Microbiologica, 1-11. Kaur, L., & Modi, D. R. (2025).
- Biodegradation of Phenoxyacetic Acid Herbicides (MCPA AND 2, 4-D) by: Insights from HPLC Detection Escherichia Coli. Indian Journal of Ecology, 52(4), 755-762.

Prof. Sangeeta Saxena

- Madhavi Sonane, Sangeeta Saxena (2025) Antioxidant and neuroprotective activity of wheat microgreen extracts against rotenone induced neurotoxicity in Caenorhabditis elegans. Journal of Clinical and Biomedical Sciences.
- Priyanka, Vipin Hallan, Yusuf Akhter, Sangeeta Saxena (2025) Topical application of conserved dsRNA confers sustainable broad-spectrum resistance against leaf curl disease causing begomoviruses in crops. Physiological and Molecular Plant Pathology Online ISSN: 1096-1178 (Link)
- Anamta Rizvi, Sailendra Kumar, GNV Satyanarayana, Nasreen Ghazi Ansari, Sangeeta Saxena (2025) Evaluation of growing conditions, organoleptic properties, antimicrobial activities and biochemical characterization of three culinary microgreens. Food and Humanity ISSN: 2949-8244 (Link)
- Shilpi Yadav, Ravi Kumar Gupta, Sailendra Kumar, Anamta Rizvi, Divya Tyagi, Aruna Satish, Digvijay Verma, Akanksha Vishwakarma, Sangeeta Saxena (2025) Leaf miRNAs of Withaniasomnifera Negatively Regulate the Aging-Associated Genes in C. elegans. Molecular Neurobiology ISSN: 0893-7648 (Link)
- Priyanka, Yusuf Akhter, Sangeeta Saxena (2025) Association of Catharanthus yellow mosaic virus and a novel Tomato leaf curl Lucknow betasatellite with papaya leaf curl disease (PaLCD) in India. The Microbe ISSN: 2950-1946
- Kriti Roopendra, Priyanka, Amaresh Chandra, Yusuf Akhter, Sangeeta Saxena (2024) Transcriptome scale analysis to decode the differential sucrose accumulation mechanisms in sugarcane under the effect of gibberellin (e14290, vol. 176)2024 Physiologia Plantarum Online ISSN:1399-3054l.

- Priyanka, Anas Hussain, Mohd Tanveer, Monica Sharma, Sangeeta Saxena. (2024) Designing of an Innovative Multiplex Model to Control Insects/Pests (Whitefly) in Okra Crop Fields and Assessment for its Efficacy in ControlViral Diseases. Environment and Ecology 42(3):1036-1043.
- Anamta Rizvi, Sailendra Kumar, Monica Sharma, Sangeeta Saxena (2024) Functional and Antioxidant Potential of Beetroot, Mustard and Radish Microgreens Using Spectroscopic Techniques. Agriculture (Pol'nohospodárstvo)**ISSN 0551-3677**
- Jyoti Verma, Chitranjan Kumar, Monica Sharma, Sangeeta Saxena (2024) Biotechnological advances in microbial synthesis of gold nanoparticles: Optimizations and applications. 3 Biotech ISSN: 2190-5738
- Priyanka, Priyanka Varun, Yusuf Akhter, Sangeeta Saxena (2024) Molecular evidence of novel Begomoviruses and associated Betasatellite complexes linked to Papaya Leaf Curl Disease in Indian Provinces. Ecological Genetics and Genomics ISSN: 2405-9854
- Madhavi Sonane, Sailendra Kumar, Priyanka, Anamta Rizvi, Sangeeta Saxena (2024) Virus Infected Papaya Plants Differentially Affects Oxidative Stress and Survival Caenorhabditis elegans.Environment and Ecology ISSN: 0970-0420
- Sailendra Kumar, Anamta Rizvi, Sangeeta Saxena (2024) Phylogenetic and evolutionary analysis of papaya leaf curl viruses infecting a diverse host range: An in-silico approach. Journal of Applied Science, Innovation & Technology ISSN: 2583-505X
- Anamta Rizvi, Sailendra Kumar, Sangeeta Saxena (2024) Physicochemical evaluation of microgreens and mature leaves of Ocimum sanctum using mid-infrared spectroscopy, scanning electron microscopy and energy dispersive x-ray spectroscopy. Journal of Applied Science, Innovation & Technology ISSN: 2583-505X
- Priyanka, Yusuf Akhter, Sangeeta Saxena (2024) First Report of Tomato Leaf Curl Kerala Virus Infecting Papaya in India, New Disease Report Online ISSN: 2044-0588, Print ISSN: 2044-0588

Dr. Monica Sharma

- Tiwari, V.K., Vishwakarma, A., Verma, D., Sharma, M.* (2025) Microbial diversity analysis of municipal solid waste landfills soils of Delhi (NCR) and plastic dump sites of Uttar Pradesh region of India and their function prediction for plastic degrading enzymes. World J Microbiol Biotechnol 41, 187 https://doi.org/10.1007/s11274-025-04404-9 (Impact factor-4.2)
- Chauhan, G., Bisht, N., Gautam, P., Arya, M, Kumari, A., Verma, D., Sharma, M.* (2025) Cloning and Heterologous Expression of a Novel Thermo-Alkalistable GH-10 Xylanase (rXyn-GM) Retrieved from Tapovan Hot-Spring Soil Metagenome and its Characterization for Kinetic Parameters. Indian J Microbiol . https://doi.org/10.1007/s12088-025-01480-1 (Impact factor-1.6)
- Arya M, Chauhan G, Fatima T, Kumari A, Verma D, Sharma, M.* (2025) Statistical Optimization of Cellulase Production by A Novel Thermophilic

Lignocellulolytic Bacterium *Geobacillus stearothermophilus* TP-3 from Tapovan Hot Spring in India. *J Pure Appl Microbiol.* 2025; 19(2):1085-1100. doi: 10.22207/JPAM.19.2.11 (Impact factor-0.7)

- Asha Kumari, Sushila Kumari, Sheetal, Savitri, Monica Sharma* (2025) Exploring hydroxynitrile lyase activity in seed sources and characterization of a novel hydroxynitrile lyase from Pyrus communis (Pear). South African Journal of Botany, 181, 14-23. DOI: https://doi.org/10.1016/j.sajb.2025.03.061 (Impact factor-2.7)
- Anamta Rizvi, Sailendra Kumar, Monica Sharma*, Sangeeta Saxena* (2024) Functional and Antioxidant Potential of Beetroot, Mustard and Radish Microgreens using Spectroscopic Techniques. Agriculture (Pol'nohospodárstvo), 70, 2024 (2): 53 – 71. DOI: https://doi.org/10.2478/agri-2024-0005 (Impact factor-1.06)
- Jyoti Verma, Chitranjan Kumar, Monica Sharma, Sangeeta Saxena (2024) Biotechnological Advances in microbial synthesis of gold nanoparticles: Optimization and applications. 3 Biotech 14: 263. Article DOI: https://doi.org/10.1007/s13205-024-04110-7 (Impact factor 3.13)
- Priyanka, Anas Hussain, Md Tanveer Anwar, Monica Sharma*, Sangeeta Saxena* (2024) Designing of an Innovative Multiplex Model to Control Insects/Pests (Whitefly) in Okra Crop Fields and Assessment for its Efficacy in Control Viral Diseases. 42 (3): 1036—1043, July—September 2024 Article DOI: https://doi.org/10.60151/envec/YLIH9640
- Asha Kumari, Yash Vardhan Shukla, Garima Chauhan, Meghna Arya, Monica Sharma*(2024) Bioprospecting of ornamental and weed plants for hydroxynitrile lyase activity and characterization of novel hydroxynitrile lyase (HNLs) of Euphorbia mili and Cascabelathevetia. Vegetos. https://doi.org/10.1007/s42535-024-00949-6 (Impact factor 1.53)

Dr. Yusuf Akhter

- Gauri Shankar, Yusuf Akhter*. Identification of IrtAB inhibitors as novel therapeutic agents against drug-resistant Mycobacterium tuberculosis. Comput Biol Chem. 119:108542. DOI: 10.1016/j.compbiolchem.2025.108542, June 2025.
- Priyanka, Vipin Hallan, Yusuf Akhter*, and Sangeeta Saxena. Topical Application of Conserved dsRNA Confers Sustainable Broad-Spectrum Resistance against Leaf Curl Disease Causing Begomoviruses in Crops. Physiological and Molecular Plant Pathology 139: 102766. DOI: 10.1016/j.pmpp.2025.102766, September 2025.
- Gauri Shankar, Yusuf Akhter*. Comparative molecular dynamics reveal the conformational dynamics of the IrtAB-cMBT complex in mycobacterial iron uptake. Arch Biochem Biophys. 770:110477. DOI: 10.1016/j.abb.2025.110477, August 2025.
- N K Shrivastava, P Verma, G Singh, J Singh, A Kumar, S Yadav, AB Sonkar, MN Ansari, S A Saeedan, Yusuf Akhter, A S Aldossary, G Kaithwas. Optimizing

siRNA Therapeutics Targeting HIF-1α: Computational Design, Screening, and Molecular Dynamics Simulation Studies. Mol Pharm. 2025 Jun 2;22(6):3179-3188. DOI: 10.1021/acs.molpharmaceut.5c00104, June 2025.

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- Subhash Kumar Yadav, Saif Ali Khan, Mayank Tiwari, Arun Kumar, Vinit Kumar, Yusuf Akhter*. Taking cues from Machine Learning, Compartmental and Time Series models for SARS-CoV-2 Omicron infection in Indian Provinces.Spatial and Spatio-temporal Epidemiology. DOI: 10.1016/j.sste.2024.100634, February 2024.

8.3.2 Books / Edited Books

Dr. Yusuf Akhter

- Book titled “CAMP Receptor Proteins from Mycobacteria: Potential drug target against tuberculosis.” Written by Dr.Yusuf Akhter, published by Saarbrücken, Germany: AV Akademikerverlag GmbH & Co. KG. ISBN 978-3-639-51177-2.
- Pankaj Chowdhary, Abhay Raj, Digvijay Verma, Yusuf Akhter (2020) Microorganisms for Sustainable Environment and Health Publisher: Elsevier, ISBN: 9780128190012

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Sangeeta Saxena

- Aradhana Lucky Hans and Sangeeta Saxena (2025) RNA vaccines in plants: Applications and future scope. Medicinal Biotechnology ISBN: 978-0-443-22264-1
- Jyoti Verma, Chitranajan Kumar, Monica Sharma, Amritesh C. Shukla, and Sangeeta Saxena (2024) Exploitation of microbial consortia for formulating biofungicides, biopesticides, and biofertilizers for plant growth promotion. Entrepreneurship with Microorganisms ISBN: 978-0-443-19049-0

- Anamta Rizvi, Sailendra Kumar, Komal Dixit, Ashish Kumar, Emanuel Debbarma & Sangeeta Saxena (2025) Trailing the prospects of leguminous microgreens as rising functional and future foods.Recent Trends and Applications of Leguminous Microgreens as Functional Foods. ISSN: 978-3-031-75678-8

Dr. Sunil Babu Gosipatala

- Gosipatala, S.B., Dixit, K., Singh, A., Kuril, S.R., Reddy, P. (2025). Imagination of Hematotoxicity/Immunotoxicity Without Flow Cytometry. In: Pant, A., Khare, P., Pandey, A.K. (eds) Flow Cytometry: Applications in Cellular and Molecular Toxicology. Springer, Singapore. https://doi.org/10.1007/978-981-97-9758-5_8
- Shalini Verma, Divya Pandey, Aditi Agrawal,Ashish Srivastava and Sunil Babu Gosipatala and Ranbir Chander Sobti (2024). Unravelling Biological Complexities through Flow Cytometric Applications. Book on Flow Cytometry-Principles, Applications and Clinical perspectives, Edited by Ranbir Chander Sobti, Awtar Krishan and Devendra K Agrawal (ISBN978-981-97-4552-4). Publishers Springer Nature Singapore Pre Ltd. Pages 55-82.

Dr. Yusuf Akhter

- Book titled "CAMP Receptor Proteins from Mycobacteria: Potential drug target against tuberculosis." Written by Dr.YusufAkhter, published by Saarbrücken, Germany: AV Akademikerverlag GmbH & Co. KG. ISBN 978-3-639-51177
- Pankaj Chowdhary, Abhay Raj, Digvijay Verma, Yusuf Akhter (2020) Microorganisms for Sustainable Environment and Health Publisher: Elsevier, ISBN: 9780128190012

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Sangeeta Saxena

- Participated in Nurturing Future Leadership Programme (NFLP) held from 28 June to 2nd July conducted by IIT Roorkee under the aegis of Malaviya Mission Teacher Training Programme (MMTTP)
- Delivered an invited talk on Genetically Modified Food Crop and its Social Concern dated 16 June,2025 to the participants of Online Refresher Course on Botany scheduled from 12/06/2025 to 25/06/2025, at the UGC-MMTTC, Kumaun University, Nainital.
- Invited lecture on "Microgreens the powerhouseof nutrition and well ness redefining healthy eating" for ICSSR sponsored international conference & workshop on "Mental Health and well-being of youth towards realization of the dream of viksit Bharat" (February 13-14, 2025), organized by Department of Human Development & Family Studies, School of Home Science, BBAU Lucknow

Dr. Yusuf Akhter

- Delivered an invited talk titled “Drug Efflux Mechanisms in Mycobacterium tuberculosis: Insights into Antimicrobial Resistance and Novel Drug Discovery” in the Global Discussion “Alumni for Sustainable Development Goals – DAAD Web Talk Series 2025” organized by DAAD on June 11, 2025.
- Delivered an invited lecture as Resource Person in the “Faculty Development Programme on Data Analytics in Research Methodology” organized by Hindu College Moradabad (with IQAC), Digvijai Nath Post Graduate College, Gorakhpur, and Science Tech Institute, Lucknow, during May 21–27, 2025.
- Delivered an invited lecture as Resource Person in the “One Week Online Training Course on Good Clinical Practices (GCP)” organized by Resilient Foundation for Academic Innovation & Scientific Research, New Delhi, March 17–23, 2025.
- Delivered an invited lecture on "Recent Innovations in Biotechnology, Bioinformatics, Biological Sciences, and Pharmaceutical Sciences" at the National E-conference "Frontiers in Agricultural, Veterinary and Biological Sciences (FAVBS-2025)" organized by SBBS, ARDO, and K L College of Agriculture, KLEF, March 8–9, 2025.
- Delivered an invited talk in the “One Week Online Refresher Course on Research Methodology & Data Analysis” organized by Faculty of Nursing, SGT University, in collaboration with Resilient Foundation for Academic Innovation & Scientific Research, February 21–27, 2025.
- Delivered an invited talk at the National Seminar on “Harnessing Artificial Intelligence and Machine Learning for Ayush: Prospects and Challenges” organized by CCRUM, Ministry of Ayush, Government of India, held at CRIUM, Lucknow, December 16, 2024.
- Delivered an invited talk on “Research Writing” at the One Week Online International Workshop on Biostatistics organized by Resilient Foundation for Academic Innovation & Scientific Research, New Delhi, and Biostatistics Consortium, INDIA, August 22–28, 2024.
- Delivered an invited lecture on "Unlocking Drug Discovery using Transcriptome Analysis: From Traditional Single Transcript to Systems Scale Next-Gen Transcriptomics" at KARYASHALA (Workshop) organized by Department of Pharmaceutical Sciences, BBAU, Lucknow, sponsored by SERB-DST, March 7–13, 2024

  Dr. Monica Sharma
- Delivered an invited lecture, “Industrial Potential of PETase from Microbial Sources for Sustainable Plastic recycling” at the International Toxicology Convention on Emerging Approaches in Risk Analysis and Translational Aspects of Health and Environment (EARTH) held at CSIR- Indian Institute of Toxicology Research, Lucknow during November 27-30, 2024.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof.Sangeeta Saxena

- Mr. Sailendra Kumar, Caenorhabditis elegans as a Model Organism to Evaluate the Anti-aging Potential of in silico Screened Phytochemicals Present in Papaya Fruit, UGC-NFOBC
- Ms. Anamta Rizvi, Role of Microgreens as Nutraceuticals Against Neurodegeneration using C. elegans as a model DSI-INSPIRE
- Mr. Ankit Kumar, Evolution of Geminiviruses with special reference to virus vector relationship, UGC- Non-NET
- Mr. Ankit Kumar, Deciphering the Evolutionary and Pathogenic Landscape of Geminivirus, UGC Non-NET
- Mr. Vishwajeet, Tentative title: In silico Study of transcriptomes of Control and Begomovirus infected Tomato plants CSIR-JRF

Prof. D. R. Modi

- Ms. Shubhangi Chaturvedi, Genetic variants and their effect against anti-diabetic drugs in T2DM UGC Non-NET
- Ms. Shivangi Singh, Anti-inflammatory Cytokine gene polymorphism associated with Type 2 diabetes. UGC Non-NET
- Ms. Pooja, Genetic variation of wntsignalling pathway and its association in the progression of type 2 diabetes mellitus. UGC Non-NET
- Ms. Loveleen Kaur, Bioremediation of 4-chloro-2-methylphenoxy- acetic acid and 2,4-dichlorophenoxyacetic acid by bacteria of contaminated soil, UGC Non-NET
- Ms. Deepti Dhusia, Targeting Drug Efflux Pumps in Mycobacteria to Overcome Antibiotic Resistance- research Topic of Deepti Dhusia. UGC Non-NET
- Mr. Chandra Nath Hansda, Pre-Ph. D course work going on

Dr. Yusuf Akhter

- Ms. Pragya Anand, Studies on electron transport chain complexes of mycobacteria, UGC Non-NET
- Ms. Varsha, Structure-function Studies on the Type VII Secretion System from Mycobacterium tuberculosis, Non-Net Fellowship
- Garima Singh, Studies on MFS proteins from Mycobacterium species, CSIR-SRF Direct

Dr. Monica Sharma

- Mr. Viral Kumar Tiwari, Studies on Polyethylene terphthalate (PET) degrading bacteria and their microbial enzymes. DST INSPIRE

8.3.5.2 Ph.D. Awarded

Dr. Monica Sharma

- Ms. Garima Chauhan “Bioprospecting of Hot Springs of India for Thermophilic Xylanases Using Metagenomics Approach
- Ms. Meghna Arya “Investigational Analysis of the Geothermal Springs of India for Cellulose Degrading Enzymes

Ph.D thesis submitted during the year

Prof. Sangeeta Saxena & Dr. G. Sunil Babu

- Mr. Raj Kumar Khalko "Identification and functional analysis of anti-autophagic HCMV miRNAs"

Prof. Sangeeta Saxena

- Ms. Priyanka "Studies on Diversity of Begomoviruses Causing Leaf Curl Disease on Papaya and Its Effective Management Using RNAi

Dr. Monica Sharma

- Ms. Asha Kumari "Weeds, fruiting, and ornamental plants as potential sources of hydroxynitrile lyase: isolation, purification, and characterisation

Dr. Yusuf Akhter

- Mr. Gauri Shankar Structural and functional studies on outer membrane proteins involved in siderophore mediated iron acquisition from mycobacteria

8.3.6 Projects/Consultancy/and any other

- Examining the regulatory role(s) of HCMV miRNAs on proapoptotic genes" UP-CST 30thAug 2022 to 29thAug2025 6L P.I. Dr Sunil Babu Gosipatala
- "Identification and functional analysis of SARS CoV-2 miRNAs and their respective cellular targets involved in host immune regulation" DST-SERB11 March 2022 to 10 March 202540.36L Dr Sunil Babu Gosipatala
- "Helicobacter pylori infection mediated expression of Interleukin-1β and Nod-like receptor Pyrin-3 inflammasome regulation in the influence of diet-derived signalling molecules and microbiota including probiotics" DST-CRG 19th July 2023 to 26 Rs.62.34L Co-PI Dr Sunil Babu Gosipatala
- Pore Forming Mechanism of Novel Cytocidal PFT Candidate to Combat Cancer and HIV Department of Health Research (Ministry of Health &Family Welfare) 2022-2532 L Mentor of the Young Scientist- Mentor (Dr Yusuf Akhter)
- Genome-wide identification and modeling of functional human Fractalkine receptor CX3CR1 binding sites and establish it as a novel drug target for Type 2 Diabetes Department of Health Research (Ministry of Health & Family Welfare) 2022-2529 L Mentor of the Woman Scientist -Mentor (Dr Yusuf Akhter)
- Statistical Modeling for COVID-19 Spread Using Different Approaches Council of Scientific & Technology Research- Uttar Pradesh2022 - 20246.8 L-Co-PI (Dr Yusuf Akhter)
- Prototype development for acrylamide degradation in starch-based fried food products using thermostable bacterial L-asparaginase Council of Scientific & Technology Research- Uttar Pradesh 2023 – 2026 11.86 L-Co-PI (Dr Yusuf Akhter)
- Microbe-assisted recovery of rare earth elements (REE) from laterite Badlands, coals and lignite mines overburden Anusandhan National Research Foundation (ANRF) 2024-2027 40 L-Co-PI (Dr Yusuf Akhter)

- Investigating the role of smokeless tobacco metabolites in biofilm formation and antimicrobial resistance., Anusandhan National Research Foundation (ANRF) 2024-2027 52 L-Co-PI (Dr Yusuf Akhter)
- Topically applied dsRNA-based antiviral therapy for improved immunity of papaya crop against viral infections. DST WOS-A, DST 2023- 2026 35.6 L
- Molecular characterization of exogenous miRNAs from Withaniasomnifera and its role in regulation of Alzheimer's disease (AD) using C. elegans as a model. ICMR 2022-2025 22.9 L
- Investigation of protective effets of microgreens on rotenone-induced neurodegenerative diseases using C. elegans as a model organism. Dr. D.S Kothari Post Doctoral Fellowship 2021-2024 22 L Prof. Sangeeta Saxena Mentor of WOS

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Sunil Babu Gosipatala

- Received Leading Educationist of India award 2025 for Outstanding achievements & distinguished services to the nation in the field of Overall excellence of highest repute by Friendship forum (Regd), India (2025)
- Received Indo-Asian Best Teacher & Researcher award 2024 in Infectious disease Biology by IMRF Institute of Higher Education & Research, India (2024)

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	40
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	
4.	Total number of workshops/conferences/seminars/etc organized by Department	01
5.	Total number of PhD degree awarded by Department	02
6.	Total number of PG students	101
7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	12
10	Total number of Award and Medals	
11	Total number of Patents/copyright filed/granted	
12	Total number of sponsored research project sanctioned	
13	Total number of consultancy projects sanctioned	
14	Total number of MOOCs courses developed	
15	Total number of MOOCs courses completed by students	
16	Total number of students qualifying National level examinations	10
17	Total number of total number of students opted for higher studies	04

Department of Zoology

About the Department

The Department of Zoology offers **UG (B.Sc. Life Sciences), PG (M.Sc. Zoology & M.Sc. Life Sciences), and Ph.D. programmes**. M.Sc. Zoology includes specializations in **Sericulture, Fisheries, and Parasitology**, while the curriculum also integrates applied courses such as Apiculture, Pearl Culture, Prawn Culture, and Vermiculture. These programs are designed to enhance employability and encourage entrepreneurship in agro-based industries like sericulture and fisheries. The department houses **modern laboratories, a central instrumentation facility, rearing houses, silk reeling units, smart classrooms, and a departmental library** to support quality education and research.

Strengths

Academic Diversity: UG, PG, and Ph.D. programmes with specialized fields of study.

Faculty Excellence: 5 Professors and 2 Assistant Professors with decades of teaching and research experience; recipients of national awards and fellowships.

Research Output: More than **25 publications (2023–25)** in reputed journals, multiple book chapters with CRC Press and Taylor & Francis, and patents filed.

State-of-the-art Infrastructure: Research laboratories, ICT-enabled smart classrooms, central instrumentation lab, rearing house, and silk reeling units.

Extension & Outreach: Health and hygiene awareness programmes, aquaculture and sericulture training for rural communities.

Recognition: National awards (e.g., SKSS National Lifetime Achievement Award 2024), memberships in international societies, invited talks at reputed forums.

Student Achievements: NET/JRF qualified scholars, CSIR/UGC fellowship awardees, and successful doctoral research projects.

Next Year Plan (2025-26)



Academics: Start **new certificate/skill-based courses** in Aquaculture Technology, and Molecular Diagnostics.

Research: Strengthen the **patent and innovation ecosystem**, and apply for **DST/DBT/ICMR/ICAR research projects**.

Collaboration: Sign **MoU's with sericulture boards, fisheries institutes, and biotech industries** for student training and research partnerships.

Infrastructure: Upgrade smart classrooms, procure advanced lab instruments for molecular biology, and establish a **genomics research wing**.

Student Support: Organize **career counseling, campus recruitment drives, and soft skill workshops** to improve student progression.

Outreach: Launch **biodiversity conservation and climate change awareness programmes** in collaboration with NGOs.

Internationalization: Develop **student/faculty exchange programmes** and pursue joint projects with foreign universities.

1. Curricular Aspects

1.1 Curriculum Design and Development



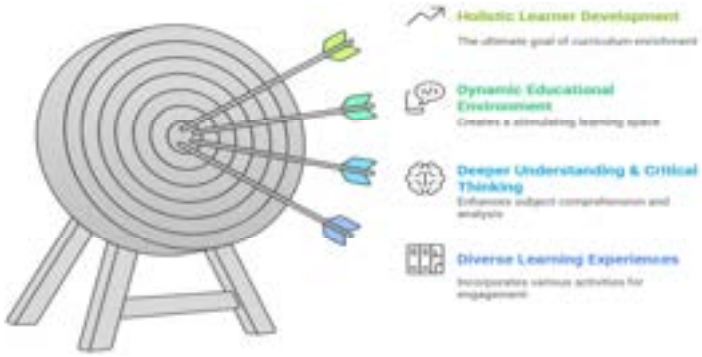
- UG, PG, and Ph.D. programmes offered.
- M.Sc. Zoology has three applied specializations: Sericulture, Fisheries, and Parasitology.
- Curriculum includes vocational papers: Apiculture, Pearl Culture, Prawn Culture, and Vermiculture.

1.2 Academic Flexibility



- Choice of specialization at PG level.
- Integration of interdisciplinary subjects like Animal Behaviour, Wildlife Biology, and Environmental Biology.

1.3 Curriculum Enrichment

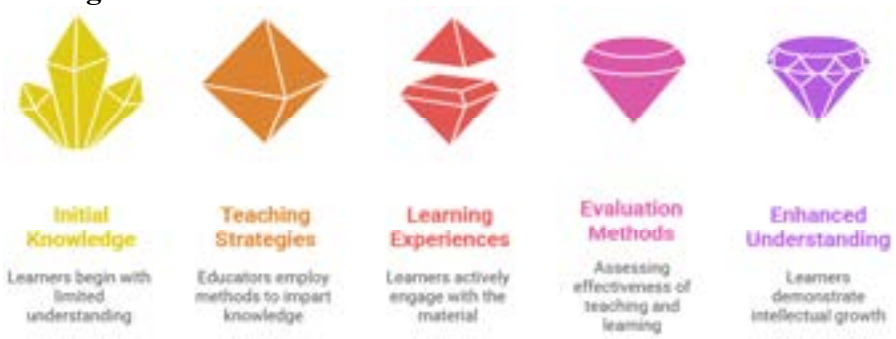


- Focus on skill development and employability through applied papers and industry-linked fields (sericulture, fisheries).

1.4 Feedback System

- Student performance reviewed through seminars, workshops, and assessments.
- Faculty participate in curriculum development and revision.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- PG Students: 90+ (M.Sc. Zoology: 57, M.Sc. Life Sciences: 33).
- UG Students: 172 enrolled.

2.2 Catering to Student Diversity



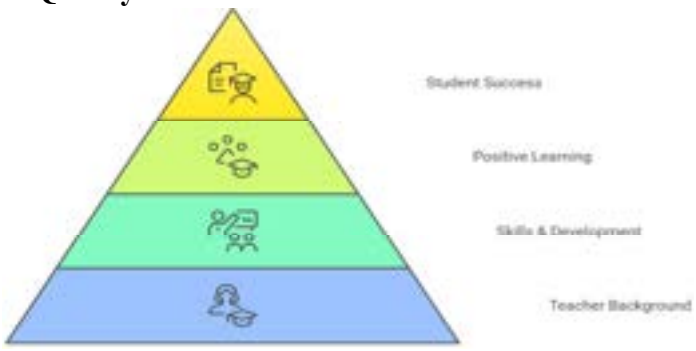
- Programs designed for employability in rural and semi-urban areas.
- Awareness programmes conducted for slum children.

2.3 Teaching-Learning Process



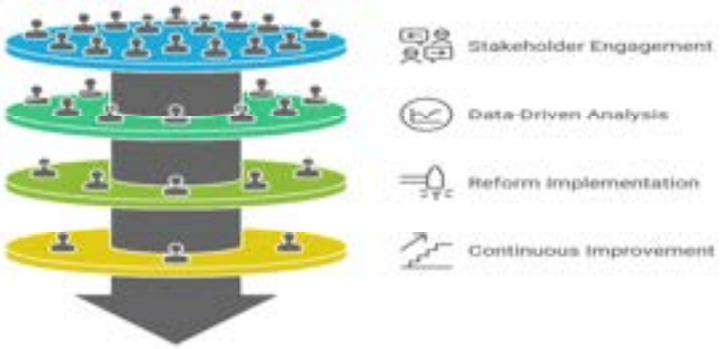
- ICT-enabled smart classrooms.
- Practical training in silkworm rearing, fish biology, and environmental studies.

2.4 Teacher Profile and Quality



- Faculty: 7 (5 Professors, 2 Assistant Professors).
- Highly qualified, with 19–30 years of research/teaching experience.
- National/international recognition, awards, and fellowships.

2.5 Evaluation Process and Reforms



- Regular internal tests, dissertations, and viva-voce at PG/Ph.D. levels.
- Continuous assessment through seminars, workshops, and project presentations.

2.6 Student Performance and Learning Outcomes



- Students qualified NET/JRF/Ph.D. fellowships.
- Multiple Ph.D.s awarded (2 in 2024).

2.7 Student Satisfaction Survey

- Participation in workshops and conferences indicates active student engagement.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Research labs, central instrumentation lab, silk reeling units.
- Doctoral research in parasitology, fisheries, wildlife biology, and sericulture.

3.2 Resource Mobilization for Research



- Patents filed (e.g., water quality monitoring device, silk fibroin antiseptic hydrogel).

3.3 Innovation Ecosystem

- Research on bioresources, molecular parasitology, and aquaculture sustainability.

3.4 Research Publications and Awards



- 25+ publications (2023–25).
- Book chapters with international publishers (CRC Press, Taylor & Francis).
- Awards: SKSS Lifetime Achievement Award (2024), honorary memberships, fellowships.

3.5 Consultancy

- Free consultancy in fisheries, sericulture, and aquaculture training.

3.6 Extension Activities

- Awareness programmes on health and hygiene in collaboration with NGOs.

3.7 Collaboration

- Collaboration with Central Silk Board and other research centers.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Laboratories, departmental library, rearing house, and silk reeling units.

4.2 Library as a Learning Resource

- Departmental library with reference materials.

4.3 IT Infrastructure

- Smart classrooms, ICT-enabled teaching.

4.4 Maintenance of Campus Infrastructure

- Proper maintenance of labs, classrooms, and research facilities.

5. Student Support and Progression



5.1 Student Support

- NET/JRF coaching, career counseling, and awareness programmes.

5.2 Student Progression

- 2 Ph.D.s awarded (2024).
- Multiple students availing CSIR/UGC fellowships.

5.3 Student Participation and Activities

- Students present papers in workshops and conferences.

5.4 Alumni Engagement

- Alumni pursuing higher studies, research, and teaching careers.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To promote applied zoology and contribute to rural economy through fisheries and sericulture.

6.2 Strategy Development and Deployment

- Focus on research, employability, and extension activities.

6.3 Faculty Empowerment Strategies

- Faculty development through refresher courses, FDPs, and international conferences.

6.4 Financial Management and Resource Mobilization

- Funding through projects, patents, and consultancy.

6.5 Internal Quality Assurance System

- Organized ICSSR-sponsored international conferences and workshops.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Outreach programmes in slum areas and rural employment through sericulture training.

7.2 Best Practices

- Integration of skill-oriented subjects (vermiculture, apiculture).
- Applied research in aquaculture and parasitology.

7.3 Institutional Distinctiveness

- Distinct focus on sericulture and fisheries as employment-generating agro-industries.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Kamal Jaiswal**
  Professor
  Qualification: M.Sc., Ph. D., F.Z.S.I., F.S.L.Sc.
  Specialization: Animal Science, Zoology, Parasitology, Sericulture, Silkworm Pathology, Silkworm Rearing, Silk Reeling

- **Prof. V. Elangovan**
  Professor& Head
  Qualification: M.Sc., Ph.D.
  Specialization: Animal Behaviour

- **Prof. Venkatesh Kumar R.**
  Professor
  Qualification: M.Sc. Ph.D.
  Specialization: Sericulture, Seribiotechnology,Entomology, & Natural Product Research

- **Prof. Suman Mishra**
  Professor
  Qualification: Ph. D. (Zoology)
  Specialization: Parasitology

- **Prof. Abha Mishra**
  Professor
  Qualification: Ph.D.
  Specialization: Fish and Fisheries

- **Dr. Sandhya**
  Assistant Professor

Qualification: Ph.D. (Zoology)
Specialization: Fish Biology

- **Dr. Neeshma Jaiswal**
  Assistant Professor
  Qualification: M.Sc., D.Phil., F.Z.S.I., F.H.S.I., FMSET-FICCB
  Specialization: Molecular Parasitology, Environmental Biology

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Prof. V. Elangovan

- Ramos, R. L., & Nemenzo-Calica, P. (2025). Flying Fox Species Identification and Habitat Assessment on Luban Island, Philippines: Evidence of Ecological Shifts and Conservation Implications. Davao Research Journal, 16(2), 117-129.
- Km Naheda Anjum, Vijay Kumar, Mehdi Ali, Vadamalai Elangovan. Seasonal Influence on the Diurnal Behaviours of the Indian Flying Fox (Pteropus medius) in Lucknow, India. UTTAR PRADESH JOURNAL OF ZOOLOGY, 2024, 45 (17), pp.546-556. ⟨10.56557/upjoz/2024/v45i174399⟩. ⟨hal-05094378⟩
- Km Naheda Anjum, Debopriya Saha, Pooja Tiwari, Manjulendra Kumar, Vadamalai Elangovan, Distribution and Habitat Selection of Indian Flying Fox, Pteropus medius (Temminck, 1825) in Uttar Pradesh, India, UTTAR PRADESH JOURNAL OF ZOOLOGY, 2024, 45 (16), pp. 427-437.
- Pawan Kumar Misra, Sayma Farheen, Shaktivardhan Singh, Vadamalai Elangovan, Diet composition and diet choice of Lesser Mouse-tailed Bat Rhinopoma hardwickii (Gray, 1831)(Rhinopomatidae: Chiroptera), Journal of Threatened Taxa, 2024, 16(11), pp. 26110-26115.
- Shaktivardhan Singh, Vadamalai Elangovan, Sanjay Kumar Bharti, Pawan Kumar Misra, Malaysian Journal of Science, 2024, pp. 10-19.

Prof. Venkatesh Kumar R.

- Kumar, R. V., Srivastava, D., Verma, A., & Mishra, A. (2025). Biosynthesis of pectin and its vital role in the bioavailability of phytochemicals associated with therapeutic properties. Pharmacological Research-Natural Products, 100214.
- Mishra, A., Verma, A., Srivastava, D., & Kumar Ramappa, V. (2025). Temperature-Based Extraction, Characterization by Gas Chromatography–Mass Spectrometry and Fourier Transform Infrared Spectroscopy with Prospective Antibacterial Properties of Eri (Philosamia ricini) Pupal Oil. Chemistry & Biodiversity, 22(4), e202401935.
- Suman, K. (2024). A comparative analysis of the characterization, antibacterial and antioxidant properties of oak tasar (Antheraea proylei) and mulberry (Bombyx mori) pupae oils. Pharmacological Research-Natural Products, 4, 100086.
- Srivastava, D., Tripathi, D. K., Singh, V., & Poluri, K. M. (2024). Insights into the characterization and therapeutic potential of Tasar silkworm pupal oil. Biocatalysis and Agricultural Biotechnology, 55, 102985.
- Srivastava, D., Pandey, P., Tripathi, D. K., Yadav, J. P., Ali, B., Singh, V., ... & Poluri, K. M. (2024). Tasar Silkworm Pupae oil: A potential therapeutic and edible lipid source

to mitigate the oxidative stress and cholesterol complications associated with diabetes. Food and Humanity, 3, 100418.

Prof. Suman Mishra

- Kamal Jaiswal, Suman Mishra, Vandana and Abhishek (2025). Comparative Efficacy of Ethanolic Extracts of Neem and Tulsi Leaves AgainstGastrointestinal Parasites of Goat J. Exp. Zool. India Vol. 28, No. 1, pp 843- 848 ISSN:0972-0030, E-ISSN:0976-1780. International, SCOPUS indexed journal DOI: https://doi.org/10.51470/jez.2025.28.1.843
- S. Hussain, F. Ahmad, K. Jaiswal, and S. Mishra (2024). A Baseline Study on Gastrointestinal Helminths Fauna of Crossbred (CB) Karakul Sheep and Crossbred (CB) Pashmina Goats of Some Selected Areas of Western Ladakh India. Bulletin of Pure and Applied Sciences- Zoology 43 A (1): 144-151. ISSN 0970-0765, eISSN: 2320-3188, International, (UGC CARE Listed) Web of Science
- Shabbir Hussain, Fayaz Ahmad, Kamal Jaiswal and Suman Mishra (2024). A study of the prevalence of fasciolosis in the ovine population raised in Kargil, Ladakh pasture land. J. Exp. Zool. India 27, 2027-2031. DOI: https://doi.org/10.51470/jez.2024.27.2.2027. International Indexed by Scopus, Clarivate Analytics, NAAS Rating (2024)-4.95. ISSN: 0972-0030, E-ISSN: 0976-1780
- Jaiswal Kamal, Singh Komal and Mishra Suman (2024). Effect of Parasitic Infection on Nutritional Parameters of Meat Tissue of Gallus gallusdomesticus, International Journal of Zoological Investigations, Vol. 10, No. 1, pp. 960-972 (10.06.2024),ISSN – 2454 – 3055 DOI:https://doi.org/10.33745/ ijzi.2024.v10i01.101
- Mishra Suman, Jaiswal Kamal, Singh Komal. (2024) Morphology of Ecto- and Endoparasites of Gallus gallusdomesticus Reared in Backyard Poultry System in Lucknow Region, Uttar Pradesh, India. International journal of Zoological Investigations, Vol. 10, Issue 1, pp. 455-467, ISSN – 2454 – 3055 https://doi.org/10.33745/ijzi.2024.v10i01.050
- Mukta MayeeKumbhar and Suman Mishra (2024). Characterization and Ultrastructural Development of Nosema sp. (Microsporidia) Infecting European Honey Bee, Apis mellifera by Scanning and Transmission Electron Microscopy. International Journal of Entomology Research Vol. 9, No. 4, pp. 146-151, International, Web of Science Impact Factor: RJIF 8.00 ISSN: 2455-4758

Prof. Abha Mishra

- Pooja Pandey, Bulbul Ali and Abha Mishra 2024. Bioaccumulation and clearance of curcumin from gill, liver, kidney, and muscle of freshwater catfish, Heteropneustes fossili. Journal of Zoology. (13), pp.110-115. (ISSN: 2319–3883).
- Bulbul Ali, Pooja Pandey, Jyoti Pandey and Abha Mishra, 2025. Pyrimidine analogue effect on health and nutritional value of fresh water catfish, Heteropneustes fossilis. Journal of aquatic Animal Health. https://doi.org/10.1093/jahafs/vsae003
- Bulbul Ali, Neelam Sharma, Rohit Kumar Gautam, Abha Mishra 2025. Effects of pyrimidine on cellular and neuronal arrangement, oxidative stress and energy content in the brain of the freshwater catfish, Heteropneustes fossilis. Fish Physiol Biochem. Mar 13;51(2):65. doi: 10.1007/s10695-025-01481-3

Dr. Neeshma Jaiswal

- Rashmi Srivastava, Neeshma Jaiswal, Harsha Kharkwal, Neeraj Kumar Dubey, and Rakesh Srivastava (2025). Phyto medical Properties of Carica papaya for Boosting Human Immunity Against Viral Infections. Viruses, 17(2), 271. https://doi.org/10.3390/v17020271 (Impact Factor-3.8)
- Anita Yadav, Neeshma Jaiswal, Sandeep Kumar Malhotra (2024). A contribution on first report of morphogenetic characterization of Anisakis typica parasitizing Indian sand whiting, Sillago sihama from Central west coast of India. Helminthologia, 61, 3: 232 – 243. doi 10.2478/helm-2024-0027 (Impact Factor-1.1)
- Neeshma Jaiswal, Anita Yadav, Sandeep K Malhotra (2024). Redescription of alien nematode, Rostellascaris spinicaudatum (Malhotra and Anas, 2001) of evolutionary significance with revised key to the family Raphidascaridoid Hartwich 1954. Journal of Parasitic Diseases, 1-14. ISSN: 09717196 Springer Nature (Impact Factor-1.0)
- Km Reshu, Pradeep Kumar, Neeshma Jaiswal (2024). Assessment of Length-Weight relationships and condition factors in Rita rita (Hamilton, 1822) Of Gomti River, Lucknow, India. Journal of Advanced Zoology, 45(1): p762. ISSN 0253-7214
- Km Reshu, Pradeep Kumar, Neeshma Jaiswal (2024). Seasonal dynamics of trematode parasite, Opisthorchis pedicellata infectionin Rita rita (Hamilton, 1822) of Gomti River, Lucknow, Uttar Pradesh, India. Journal of Advanced Zoology, 45 (1): p1002. ISSN 0253-7214
- Km Reshu, Pradeep Kumar, Neeshma Jaiswal (2024). Population dynamics of cestode parasite, Gangesia Sp. in Wallago attu of Gomti River, Lucknow, Uttar Pradesh, India. African Journal of Biomedical Research. 27. (9.9.2024) ISSN 2622 2628 doi.org/10.53555/AJB R.v27i1S.1852

8.3.2 Books / Edited Books: Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Venkatesh Kumar R.

- Delivered an invited talk on "Disease Management in Eri Silkworm" at the Technology Orientation Programme organized by the Eri Research Extension Centre, Central Silk Board, Uttar Pradesh, India, on 26th February 2025, at the Department of Zoology, BBAU, Lucknow.
- Delivered an invited talk on “Silkworm Pupal Oil: A Novel Source of Omega-3 Fatty Acids and Its Future Prospective” at the Technology Orientation Programme organized by the Directorate of Sericulture, Uttar Pradesh, India, held on 20 January 2025
- Delivered an invited talk on “Byproducts of Sericulture” at the Technology Orientation Programme organized by the Directorate of Sericulture, Uttar Pradesh, India, held on 20 January 2025

Prof. Suman Mishra

- S. Guleria, K. Singh, R.C. Sobti, S. Yadav, S. Mishra and K. Jaiswal. Microorganisms for Habitat Restoration. In Biotechnological Innovations for Sustainable Biodiversity and Development. Ed. R.C. Sobti, CRC Press, Taylor and Francis Group, Boca Raton, London, New York. pp107-122. 2025 ISBN: 9781032697529 (hbk), 9781032697536 (pbk), 9781032697550 (ebk). DOI: 10.1201/9781032697550
- N. Thakur, P. Kumari, S. Yadav, S. Mishra and K. Jaiswal. Introduction to Bioresources and Sustainable Utilization in Biotechnological Innovations for Sustainable Biodiversity and Development. Ed. R.C. Sobti, CRC Press, Taylor and Francis Group,

Boca Raton, London, New York. pp123-139, 2025 ISBN: 9781032697529 (hbk), 9781032697536 (pbk), 9781032697550 (ebk). DOI: 10.1201/9781032697550.

- N. Rai, A. Sehgal, D. Sambyal, J.M. Julka, S. Yadav, S. Mishra and K. Jaiswal. Marine Bioresources and Blue Economy in Biotechnological Innovations for Sustainable Biodiversity and Development. Ed. R.C. Sobti, CRC Press, Taylor and Francis Group, Boca Raton, London, New York. pp 160-173, 2025 ISBN: 9781032697529 (hbk), 9781032697536 (pbk), 9781032697550 (ebk). DOI: 10.1201/9781032697550.
- Sonia, R. Banerjee, S. Yadav, S. Mishra and K. Jaiswal. Bioprospecting and Biodiscovery for Sustainable Development. In Biotechnological Innovations for Sustainable Biodiversity and Development. Ed. R.C. Sobti, CRC Press, Taylor and Francis Group, Boca Raton, London, New York. pp 189-201. 2025, ISBN: 9781032697529 (hbk), 9781032697536 (pbk), 9781032697550 (ebk). DOI: 10.1201/9781032697550.
- B. Barsola, P. Kumari, S. Yadav, S. Mishra and K. Jaiswal. Approach to Agrobiodiversity Preservation and Sustainable Agriculture in a Changing World. In Biotechnological Innovations for Sustainable Biodiversity and Development. Ed. R.C. Sobti, CRC Press, Taylor and Francis Group, Boca Raton, London, New York. pp 292-304. 2025 ISBN: 9781032697529 (hbk), 9781032697536 (pbk), 9781032697550 (ebk). DOI: 10.1201/9781032697550.

Prof. Abha Mishra

- Rohit Kumar Gautam, Ashish Sahu, Neelam Sharma, Abha Mishra, Mahendra Singh. 2024. Microplstic pollution and their impact on aquaculture environment. In: Innovations in Fisheries Science and Aquaculture. pp 199-216. Edited by: N.K. Yadav, J. Lal, A. Vaishnav, A. B. Patel, P. Biswas. Satish Serial Publishing House. Delhi. ISBN: 978-93-95700-99-3.
- In Hindi मत्स्य संरक्षण विज्ञान में नई दिशाएं, अध्याय 13. गोमती नदी में प्लास्टिक की चिंताजनक उपस्थिति :जलीय जीवन और मानव स्वास्थ्य के लि ए खतरा;रोहि त कुमार गौतम1,2, महेंद्र सिंह2, बुलबुल अली1, नीलम शर्मा 1, श्वेता आर्या1 एवं आभा मिश्रा 1* 2025

Dr. Sandhya

- Sandhya Bharti and Chetan Singh (2023). Toxic effects of heavy metals pollution in the selected stretches of Ganga River on aquatic flora, fauna and human health. Journal of Experimental Zoology, India 26 (2): p1453, July 2023 (Indexed Web of Science, NAAS Rating:5.25). doi: 10.51470/jez.2023.26.2.1453
- Sandhya Bhartiand Chetan Singh (2023). Bioaccumulation analysis of metals in fishes of the Ganges River and their potential toxic implications on human health in Kanpur, Uttar Pradesh, India. Journal of Experimental Zoology, India 26 (2): p1497, July 2023 (Indexed Web of Science, NAAS Rating:5.25). doi:10.51470/jez.2023.26.2.1497
- Sandhya Bhartiand Poonam (2023). Analyses of polycyclic aromatic hydrocarbons (PAHs) in the Ganga River water in Uttar Pradesh, India. Nature Environment and Pollution Technology, 22 (2): 869-877, June 2023 (Scopus cite score:0.7). https://doi.org/10.46488/NEPT.2023.v22i02.029
- Manjulendra KumarSandhya Bharti, and Poonam (2023). Estimation of protein and lipid concentration in Labeorohita (rohu) during iced and salt preservation. International Journal of Zoology Studies, 8 (2):1-4, 21 April 2023

Dr. Neeshma Jaiswal

- Pradeep Kumar, Geetanjali, Amar Singh and Neeshma Jaiswal (2025). Bioprospecting for Anti- Parasitic Agents. Bioprospecting Future Research for Sustainable Development (I). 49-59. Edited by FG. Offr. T. Purushothaman, Dr. D. Arunkumar, Dr. PradeepKumar and Dr. Kalaiarasi.K ISBN no. 978-93- 6163- 909-8.
- Pradeep Kumar, Dharamveer Singh Gautam, Avantika Singh and Neeshma Jaiswal (2025). Helminth Biodiversity in Wetland Fish: Bioprospectin g Potentials. Bioprospecting Future Research for Sustainable Development (I). 18-29. Edited by FG. Offr. T. Purushothaman, Dr. D. Arunkumar, Dr. PradeepKumar and Dr. Kalaiarasi.K ISBN no. 978-93- 6163- 909-8.
- Anil Kumar, Jyoti, Neeshma Jaiswal and Pradeep Kumar (2024). Stock Enhancement and Sustainable Management Strategies in Aquatic Ecosystems. Revolutionizin g Fisheries Management and Conservation: The Role of AI and GPS.175-197. Edited by Mr. Ashish Sahu, Mr. Devarshi Ranjan, Mr.Sagar Satkar, Mr. Gowhar Iqbal and Dr. Neelesh Kumar. ISBN No. 978-81-19105- 48-9.
- Shreya Chaudhary, Pradeep Kumar, Yashika Dalal and Neeshma Jaiswal (2024). An Overview of Biotechnological Applications in Covid-19 Pandemic. In Genes, Greens & Machines - The Biotechnology Revolution. 26-38. Edited by Fg Offr. T. Purushothaman and Dr. D. Arun Kumar. ISBN no. 978-81- 19337- 93-4.
- Pradeep Kumar, KmReshu, Shreya Chaudhary and Neeshma Jaiswal (2024). Infestation of helminth parasites and their effect on human being. Parasitic Association. 151-167. Edited by Balwant Singh, Anita Singh, ShivangiTripathi, Mukul M. Barwant and Pradeep Kumar. ISBN no. 978-93-6261- 904-4

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Sandhya

- Participated and completed Online two-week Refresher course in Zoology held from 15-29 December 2023 organized by Teaching Learning Center Ramanujan College Under the Ministry of Education sponsored by Pandit Madan Mohan Malaviya National Mission On teachers and Teaching scheme (UGC)
- Participated and completed two-week interdisciplinary Refresher course on “Advanced Research Methodology” held from 23rd march to 05 April 2024organized by Teaching Learning Center Ramanujan College, University of Delhi Under the Ministry of Education sponsored by Pandit Madan Mohan Malaviya National Mission On teachers and Teaching scheme (UGC)
- Participated in a two-day national seminar on “Functional Biology-Exploring New Frontiers” held from 10th Feb to 11th Feb 2025 at Department of Zoology, Chaudhary Charan Singh University, Meerut

Dr. Neeshma Jaiswal

- Participated and Member of Organizing Committee Workshop on “Strengthening Prevention through Enhanced peer Led approach under NACP” to be organized by UP AIDS Control Society held from 18th-20th March, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. V. Elangovan

- Shiv Shanker has enrolled for a Ph.D. with the thesis titled "Impact of demography and distributional overlap of insectivorous bats on fungal diversity" w.e.f. 11-07-2022.
- Vijay Kumar has enrolled for a Ph.D. with the thesis titled "Ecological consequences of artificial lights on behavioural ecology of Scotophilus bats" w.e.f. 11-07-2022.
- Manjulendra Kumar has enrolled for a Ph.D. with the thesis titled "A metagenomics investigation on food habits and ecological services of Indian flying fox, Pteropus medius (Temminck,1825)" w.e.f. 12.07.2022.
- Amita Singh has enrolled for a Ph.D. with the thesis titled "A study on food habits, heavy metal accumulation, survival and fitness of insectivorous bats." w.e.f 12-07-2022.
- Pallavi Singh has enrolled for a Ph.D. with the thesis titled "Isolation, characterization and identification of guanophilic bacteria of bats." w.e.f. 09-02-2024.

Prof. Venkatesh Kumar R.

- Kusumala Suman has enrolled for a Ph.D. with the thesis titled "Advances in research on the utilization of pupal oil of mulberry silkworm Bombyx mori and tasar silkworm Antheraea proylei for pharmaceutical applications".
- Akash Mishra has enrolled for a Ph.D. with the thesis titled "Characterization and Analysis of the Therapeutic Properties of Eri Silkworm (Philosamia recini) Pupal Oil".
- Abhishek Verma has enrolled for a Ph.D. with the thesis titled "Research on characterization and biological properties of tasar silkworm (Antheraea mylitta) pupal oil".
- Alok Ranjan has enrolled for a Ph.D. with the thesis titled "Studies on chemical composition profiling and biological activities of muga silkworm (Antheraea assamensis) pupal oil".
- Shreya Srivastava has enrolled for a Ph.D. with the thesis titled "Studies on extraction, characterization and therapeutic properties of eri pupae (Philosamia ricini) and flaxseed (Linum usitatissimum) composite oil".
- Pushpraj Yadav has enrolled for a Ph.D. with the thesis titled "Extraction, characterization and assess the potential therapeutic properties of a composite oil derived from tasar silkworm pupae (Antheraea mulita) and flaxseed (Linum usitatissimum)".

8.3.5.2 Ph.D. Awarded

Prof. V. Elangovan

- Ph. D awarded to Miss. Naheda Anjum on the thesis titled "Roosting and reproductive ecology of the Indian flying fox, Pteropus medius (Temminck, 1825)" in December, 2024.

Prof. Venkatesh Kumar R.

- Ph. D awarded to Devika Srivastava on the thesis titled "Studies on Isolation, Purification and Characterization of Alpha-linolenic Acid of Tasar Pupae Oil" in 2025.

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Suman Mishra

- Honorary Membership, Himalayan Forum for Science and Technology Communication, at Shoolini University of Biotechnology and Management Sciences, Solan (HP), India.

Prof. Abha Mishra

- SKSS National Lifetime Achievement Award-2024, In International Conference on Nature, Science and Technology Modern Lifestyle: Issues and Perspectives at Lucknow, 28-29 December 2024.
- Honors for being an Outstanding Academic and Administrative Professional, 8th March 2025 by Committee of Basic Facilities for Women, BBAU, Lucknow.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	11
2.	Total number of journal publications by Department (International)	14
3.	Total number of publications in conference proceedings	-
4.	Total number of workshops/conferences/seminars/etc organized by Department	02
5.	Total number of PhD degree awarded by Department	7
6.	Total number of PG students	172
7.	Total number of UG students	42
8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	-
10	Total number of Award and Medals	-
11	Total number of Patents/copyright filed/granted	2
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	09
17	Total number of total number of students opted for higher studies	07

School of Management and Commerce

School for Management Studies was established in the Year 2010 with one Department, named Department of Rural Management offering one Master Course, MBA (Rural Management). Subsequently Ph.D. in Management, MBA (Financial Management, Human Resource Management, Marketing Management and Innovation Entrepreneurship & Venture Development), BBA and B. Com (Hons) programmes were added to the School for Management Studies. In August 2020, the name of the School was christened as School of Management and Commerce. Currently two separate Departments are running viz, (1) Department of Management Studies (DMS) In November 2022, the name of the Department of Rural Management was renamed as Department of Management Studies and (2) Department of Commerce (DC) under School of Management and Commerce.

Department of Management Studies

About the Department

The **Department of Management Studies (DMS)** was originally established as the Department of Rural Management in 2010 and later renamed in 2022. It functions under the **School of Management and Commerce** and offers a wide range of programmes including **Ph.D. (Management), MBA (various specializations), BBA (Hons)**. The Department emphasizes **entrepreneurship, sustainable development, innovation, research, and social responsibility**, and regularly conducts **seminars, FDPs, MDPs, invited talks, and extension activities** to enrich the academic environment.

Strength of the Department

- **Programmes Offered**: Ph.D., MBA (multiple specializations), BBA (Hons).
- **Faculty**: 8 highly qualified faculty members with Ph.D.'s and strong research profiles.
- **Infrastructure**: Smart classrooms, Wi-Fi enabled campus, departmental & central libraries, computer lab.
- **Research & Publications**: ICSSR-funded projects, Scopus/UGC Care/Q1 indexed publications, book chapters with Springer and Routledge.
- **Student Achievements**: 5 Civil Services selections, 11 NET/JRF, 106 students pursuing higher studies.
- **Industry & Government Linkages**: Collaborations with MSME, ICSSR, UPSAC.
- **Activities**: National Seminars, Entrepreneurship Awareness Programs, Career workshops, National Youth Day.

Next Year Plan (2025–26)



- Introduce **add-on certification courses** in AI, Business Analytics, Sustainability.
- Expand **research publications** in Q1/Scopus journals.
- Establish **Innovation & Entrepreneurship Cell**.
- Strengthen **industry collaborations and MoU's**.
- Enhance **placement readiness modules** and alumni engagement.
- Launch community initiatives on **financial literacy and women empowerment**.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Programmes: BBA (Hons), MBA (multiple specializations), Ph.D. (Management).
- Curriculum aligned with NEP-2020 and industry requirements.

1.2 Curricular Planning and Implementation

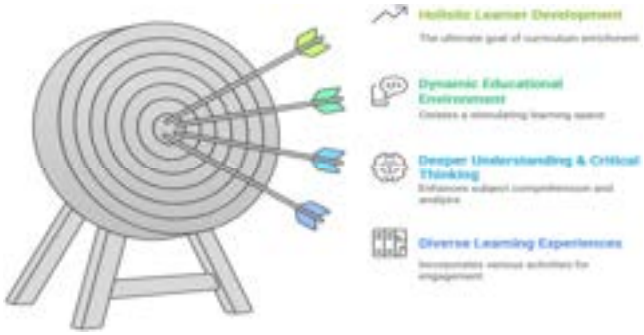
- Choice-based curriculum with periodic revisions.
- Regular inclusion of workshops, seminars, and guest lectures.

1.2 Academic Flexibility



- Multiple MBA specializations: Rural Management, Financial Management, HRM, Marketing, Innovation & Entrepreneurship, Defence Management.

1.3 Curriculum Enrichment



- National Seminars, Entrepreneurship Awareness Programs, MDPs.
- Integration of sustainability and AI in teaching.

1.5 Feedback System

- Student and alumni feedback incorporated into curriculum improvement.

2. Teaching–Learning and Evaluation



2.1 Student Enrolment and Profile



- UG (BBA): 284 students.
- PG (MBA): 272 students.
- Ph.D.: Ongoing.

2.2 Catering to Student Diversity



- Students placed in Civil Services, higher education, banking, teaching.

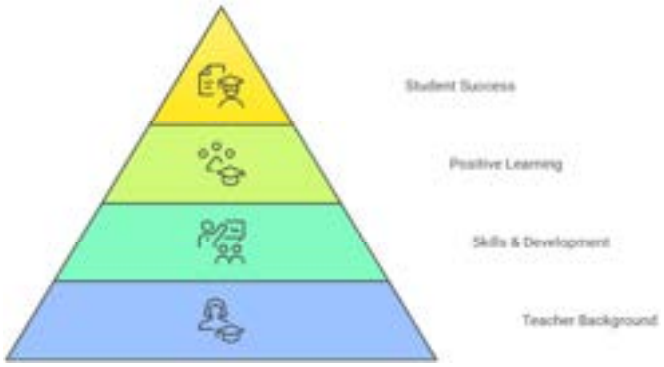
- Special mentorship and placement readiness workshops.

2.3 Teaching-Learning Process



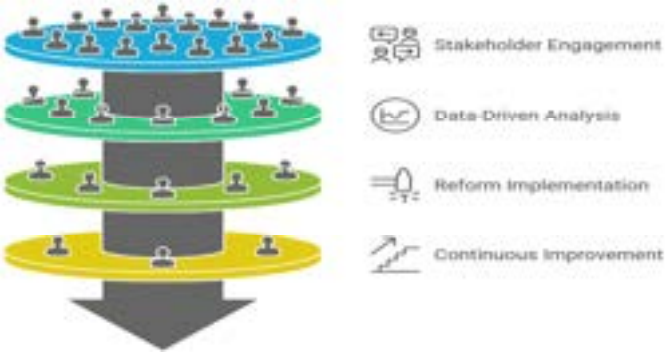
- Smart classrooms, Wi-Fi campus, departmental library, computer lab.
- Guest lectures, FDPs, and skill-based sessions.

2.4 Teacher Profile and Quality



- 8 faculty members (Professors, Associate Professors, Assistant Professors).
- All faculty with Ph.D.; active researchers and editors of reputed journals.

2.5 Evaluation Process and Reforms



- CBCS framework, transparent examinations, timely results.

2.6 Student Performance and Learning Outcomes



- 5 students selected in Civil Services.
- 11 students qualified NET/JRF.

- 106 pursuing higher studies.

2.7 Student Satisfaction Survey

- Feedback indicates satisfaction with placements, research, and co-curricular activities.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- ICSSR-sponsored Research Methodology Course (2025).
- Ongoing funded projects.

3.2 Resource Mobilization for Research



- ICSSR Minor Project sanctioned: ₹9,00,000 (2025–26).

3.3 Innovation Ecosystem

- Entrepreneurship Awareness Programs with MSME.
- Research on AI, Green HRM, Sustainable Business.

3.4 Research Publications and Awards



- Faculty publications in Q1/Scopus/UGC Care journals.
- Book chapters with Springer, Routledge.

3.5 Consultancy

- Free consultancy provided (details on request).

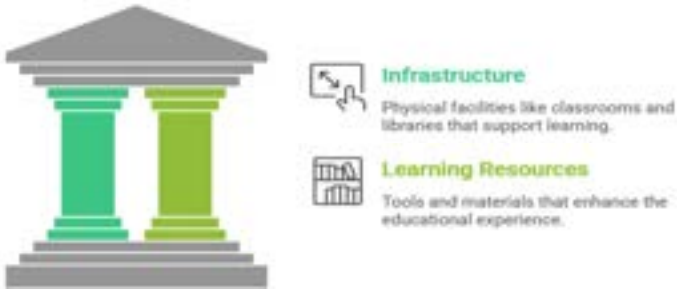
3.6 Extension Activities

- National Youth Day celebration, community engagement, seminars on CSR.

3.7 Collaboration

- Academic partnerships with MSME, ICSSR, UPSAC.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, Wi-Fi enabled campus.
- Computer lab and library facilities.

4.2 Library as a Learning Resource

- Rich departmental library plus Central Library access.

4.3 IT Infrastructure

- Digital learning tools and online academic sessions.

4.4 Maintenance of Campus Infrastructure

- Centrally managed maintenance and upgrades.

5. Student Support and Progression



5.1 Student Support

- Placement training, resume workshops, mentoring.

5.2 Student Progression

- Civil Services: 5.
- NET/JRF: 11.
- Higher Education: 106.

5.3 Student Participation and Activities

- Youth Day celebrations, career development programs, cultural activities.

5.4 Alumni Engagement

- Alumni engaged in academia, industry, and civil services.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Leadership under Dean Prof. Amit Kumar Singh.
- Emphasis on entrepreneurship, innovation, sustainability.

6.2 Strategy Development and Deployment

- Faculty development, research focus, skill development programs.

6.3 Faculty Empowerment Strategies

- Faculty as resource persons in FDPs.
- Editorial and professional body memberships.

6.4 Financial Management and Resource Mobilization

- Resource mobilization through ICSSR and sponsored programs.

6.5 Internal Quality Assurance System

- Faculty representation in IQAC.
- Continuous monitoring of student outcomes.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Focus on sustainability, women empowerment, human values.

7.2 Best Practices

- Integration of Green HRM and AI in management education.
- Organizing research-driven seminars/workshops.

7.3 Institutional Distinctiveness

- Unique blend of **rural roots and modern business management**.
- Research and practice-oriented academic ecosystem.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Kushendra Mishra**
  Professor
  Specialization: Economics, Legal and Regulatory Framework, Finance
  Qualification: MBA, Ph.D. (Business Administration)

- **Prof. Amit Kumar Singh**
  Professor, Dean, Head, Coordinator
  Specialization: Human Resource Management, Personal Management and Industrial Relations, Carbon Management, Research Methodology, Organizational Behavior, Small Scale Business
  Qualification: Ph.D.

- **Dr. Taruna**
  Associate Professor
  Specialization: HRM, OB, Stress Management
  Qualification: MBA, Ph.D. (Business Administration)

- **Dr. Krishna Murari**
  Associate Professor
  Specialization: Banking & Non-Banking sector, Behavioural Finance, Financial Econometrics, Investment & Portfolio Management, Business Analytics
  Qualification: MBA, Ph.D.

- **Dr. Ramesh Kumar Chaturvedi**
  Assistant Professor
  Specialization: Consumer Research, Microfinance
  Qualification: MBA, PhD, MDSE, MA (Public Administration)

- **Dr. Lata Bajpai Singh**
  Assistant Professor
  Specialization: HRM, OB, Employee Engagement
  Qualification: MBA, MA, UGC-NET (JRF), Ph.D.

- **Dr. Arpit Shailesh**
  Assistant Professor
  Specialization: Micro Finance, Financial Reporting and Analysis, Cost and Management Accounting, Financial Services, Entrepreneurship & IPRs
  Qualification: MBA, Ph.D.

- **Dr. Salil Seth**
  Assistant Professor
  Specialization: Environmental (Green) Marketing & Advertising, Sustainable Marketing, Neuromarketing, Bioeconomics & Sustainability, General Management
  Qualification: M.Tech, MBA, Ph.D. (Management)

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Dr. Taruna, Associate Professor

- Taruna. "Fostering Employee Loyalty in Tourism Sector: The Synergistic Impact of Psychological Safety, Inclusive Leadership, Ethical Climate and Reward Recognition". ATNA Journal of Tourism Studies, Vol. 19. ISSN: 0975-3281. July 2024
- Taruna. "Transforming Organizations for the Digital Future by Adapting Industry 4.0". Sanshodhak Journal, PP. 220-224. ISSN: 2394-5990. April- June 2024.

- Taruna. "Flexible Work Arrangements: Empowering Employees through Supervisor Support for Enhanced Well-being". Pacific Business Review (International), Vol. 17,1-13. ISSN: 0974-438X. August 2024.
- Taruna. "Forecasting Foreign Tourist Arrivals in India: A Strategic Analysis for Sustainable Religious Tourism Growth". International Journal of Religious Tourism and Pilgrimage, Vol. 12, 9-18. ISSN: 2009-7379. December 2024.
- Taruna. "Precursors of Employee Engagement in Travel Agencies to Enrich the Religious Tourist Experience". International Journal of Religious Tourism and Pilgrimage, Vol. 12, 39-51. ISSN: 2009-7379. December 2024.

Dr. Krishna Murari, Associate Professor

- Murari, Krishna. "Examining the linkage of large-cap equity mutual funds' performance with macroeconomic indicators using Panel ARDL approach." Unnayan-International Bulletin of Management and Economics (ISSN no. 2349-6622 print and ISSN no. 2349-7165 online) Vol. XVII (1), pp.14-37. 2025 https://www.ipsacademy.org/unnayan/jan-25-xvii-v1/2%20paper%202_%20Krishna%20Murari.pdf
- Wangchuk, S.; Murari, K.; Das, P.K. "Managerial Coaching as Antecedent to Employee Engagement and Organization Citizenship Behaviours: Evidence from India." Vilakshan-XIMB Journal of Management (p-ISSN: 0973-1954; e-ISSN: 2633-9439) Vol. 21 (2), pp. 210-228. 2024 https://doi.org/10.1108/XJM-07-2023-0159
- Chaurasia, A.; Murari, K. "Emotional Intelligence and Investment Decision Making: A Systematic Review". MUDRA: Journal of Finance and Accounting (ISSN: 2347-4467; e-ISSN: 2395-2598), Vol.11(1), pp. 169-185.2024 https://doi.org/10.17492/jpi.mudra.v11i1.1112409

Dr. Lata Bajpai Singh, Assistan Professor

- Chaudhary, R., Srivastava, S., & Singh, L. B. "Does workplace ostracism lead to knowledge hiding? Modeling workplace withdrawal as a mediator and authentic leadership as a moderator." The International Journal of Human Resource Management, 35(21), 3593-3636. 2024 (Impact Factor: 4.9)
- Dhir, S., Singh, S., & Singh, L. B. "Are you really satisfied in life? Developing a scale on life satisfaction." Journal of Indian Business Research, 16(4), 452-469. 2024 (Impact Factor: 2.1; SCOPUS – listed)
- Srivastava, S., Singh, L. B., & Mehdi, S. A. "Revitalising Indian Tourism: Navigating Fear and Procrastination in the Post COVID-19 Era." International Journal of Religious Tourism and Pilgrimage, 12(3), 5. 2024 (Impact Factor: 1.08; Q1 Journal, SCOPUS – listed)
- Aggarwal, S., Singh, L. B., & Srivastava, S. "Psychological empowerment an antecedent to career satisfaction: modeling affective commitment as a mediator and resilience as a moderator." Kybernetes. 2024 (Impact Factor: 2.4; SCOPUS – listed)

Dr. Salil Seth, Assistant Professor

- Tomar, L., Seth, S., Pathan, M.I, Yadav, P., Mahato, M.K. "Green Investments and Corporate Social Responsibility: Driving Forces for Sustainable Business Growth". Economic Sciences. ES (2024) 20(2), December 2024. Pg. 329-337. 2024 [ISSN-1505-4683]

- Pathan, M.I., Seth, S., Tomar, L., Yadav, P., Mahato, M.K. "Climate Finance: Pioneering Pathways to Sustainability". Economic Sciences. ES (2024) 20(2), November 2024. Pg. 215-226. [ISSN- 1505-4683] [https://doi.org/10.69889/zghajm28]
- Seth, S., Mahato, M.K., Yadav, P., Pathan, M.I., & Tomar, L. "Boosters for Carbon Neutrality: A 360° Approach". European Economic Letters. Volume 14, Number -02, April 2024. Pg. 656- 665. [ISSN-2323-5233]

8.3.2 Books / Edited Books: Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Taruna

- Dr. Taruna. "Green HRM: Catalyst for Sustainable Development and Organizational Success published Role of Science and Technology for Sustainable Future". Applied Sciences and Technologies, Vol. 2. ISBN: 978-981-97-5176-1. 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Taruna

- Paper presented entitled "Perceived Over qualification: Boon or Bane for an organization" at National Seminar InnoHRvation2.0 Conference held on November 30 th2024, organized by Faculty of Management Studies at Vivekananda Global University, Jaipur.
- Paper presented entitled "Exploring Sustainable Business Practices in Small and Medium Enterprises" presented in the National Seminar on Sustainable Development Goals: Strategies and Challenges, held during 12-13 Feburary2025, organized by Brahmanand PG College, Kanpur.
- Paper presented entitled "Babasaheb Bhimrao Ambedkar the Architect of New India" presented in the National Seminar on Babasaheb's Concept of Nation Building and Constitutional Commitments held during 13-14 April 2025, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Paper presented entitled "Dr. Bhimrao Ambedkar's Approach to Labour Management and Social Equality"presented in the National Seminar on Babasaheb's Concept of Nation Building and ConstitutionalCommitments held during 13-14 April 2025, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Paper presented entitled "Indian Knowledge System and its Relevance in Modern Era" presented in the National Seminar on Multidimensional Perspectives of Indian Knowledge System, held on 25 April 2025, organized by Kalicharan P.G. College, Lucknow
- Paper presented entitled "Exploring CSR Practices in India: A Review" presented in the National Seminar on Corporate Social Responsibility and Sustainable Development Goals for Vision Viksit Bharat @2047held on 14-15 February 2025 at University of Lucknow, Lucknow
- Paper presented entitled "Examining the Key Factors that Foster Employee Resilience: Empirical Evidence from the IT Sector Using Discriminant Analysis" presented in the 4th PRITAM SINGH MEMORIAL (PRISM) Conference held on 19– 21November 2024 at the School of Leadership and Management, Manav Rachna International Institute of Research and Studies, Faridabad.

- Attended, participated and presented a paper titled Making Digital Lending a New Normal: Trends, Patterns and Future Prospects during an International conference on Building Future through Humanities and Technology: Sustainable Development Goals and Local Actions organized by PSIT College of Higher Education, Kanpur on 28.02.2025

Dr. Lata Bajpai Singh

- Presented a research paper titled "The Impact of Artificial Intelligence Adoption on Employees and its influence on Organizational Performance: A Review of Antecedents, Independent Variables, and Outcomes" during the 4th Annual International Research Conference and Doctoral Workshop on managing and Working with Artificial Intelligence: shaping the World Together organized by Indian Institute of Management, Lucknow on 29th Jan. – 1st Feb. 2025.
- Presented a research paper titled "Green HRM- Fostering Green Culture in different Industries" during the 4th Annual International Research Conference and Doctoral Workshop on managing and Working with Artificial Intelligence: shaping the World Together organized by Indian Institute of Management, Lucknow on 29th Jan. – 1st Feb. 2025.
- Presented a research paper titled "Fostering Women Technopreneur ship in the Entrepreneurial Ecosystem: Challenges & Pathways" during the 7th International Conference on Leveraging IT for sustainable Business Transformation and entrepreneurial growth" organized by Jagan Institute of Management, Kanpur on 21st December 2024.
- Presented a research paper titled "Empowerment of Women Entrepreneurs Through Digital Access" during the 7th International Conference on Leveraging IT for Sustainable Business Transformation and entrepreneurial growth" organized by Jagan Institute of Management, Kanpur on 21st December 2024.
- Presented research paper titled "Exploring the impact of Education on Conflict resolution: A conceptual study" during the First International Conference on Sustainable Development, "Shaping the future: Trends and Insights for sustainable Development" organized by Gateway Institute of Engineering & Technology, Delhi – NCR Sonipat on 1st - 2nd December 2024.
- Presented research paper titled "Greening the workplace: Green HRM for Ecofriendly operations" during the First International Conference on Sustainable Development, "Shaping the future: Trends and Insights for sustainable Development" organized by Gateway Institute of Engineering & Technology, Delhi – NCR Sonipat on 1st - 2nd December 2024.
- Presented research paper titled "Role of Higher Educational Institute in Building Climate Resilient Societies" during the International Conference on Recent Trends in Multidisciplinary Research and Innovation organized by the International Institute for Special Education in collaboration with the Integral & Innovative Sustainable Education College, Lucknow, on 29-30 November 2024.
- Presented research paper titled "Harnessing India's Demographic Dividend for Sustainable Economic Growth: Challenges and Opportunities Towards the Vision of 'Viksit Bharat' by 2047" during Viksit Bharat @ 2047, 1 Day National Conference (hybrid mode) on the theme "Demographic Transition, Changing Family System, and the Quality of Life (QOL)" organized by ICFAI School of Social Sciences, Hyderabad held on November 29, 2024.
- Presented research paper titled "Feels Like Home or Not: Assessing the Well-Being and Satisfaction of Residents" during Viksit Bharat @ 2047, 1 Day National Conference (hybrid mode) on the theme "Demographic Transition, Changing Family System, and

the Quality of Life (QOL)" organized by ICFAI School of Social Sciences, Hyderabad held on November 29, 2024.

- Presented research paper titled "Role of Standup India scheme for rural women to become an entrepreneur and ensure their livelihoods" during the International Seminar on "Building Climate Resilient Society: Issues and Challenges" organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow on November 25th – 26th, 2024.
- Presented research paper titled "Engaging stakeholders in developing climate resilient and sustainable educational institutes" during the International Seminar on "Building Climate Resilient Society: Issues and Challenges" organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow on November 25th – 26th, 2024.
- Presented research paper titled "Role of Human Values in developing employability skills: An empirical investigation" during the National Seminar Conference on Universal Human Values in Higher Education, organized by Shri Ramswaroop Memorial University, Barabanki, on April 30, 2024.
- Presented research paper titled "Application of AI & ethical issues in Business" during the National Seminar Conference on Universal Human Values in Higher Education organized by Shri Ramswaroop Memorial University, Barabanki, on April 30, 2024.
- Presented research paper titled "Consequences of Coworker Envy: Evidences from Indian Hotel Industry" during the International Conference on Role of Sustainable Development Goals in Business and Economic Transformation organized by Jaipuria Institute of Management, Indirapuram, Ghaziabad on April 29, 2023.

Dr. Salil Seth

- Presented paper on "The Intersection of Tradition and Sustainability: Insights from Indian Knowledge Systems". ICSSR Sponsored two-day National Seminar on Indigenous Languages and NEP-2020: Pathways to Sustainable Education at Department of Education, Central University of Jammu, J&K on March 18-19, 2025.
- Presented paper on "Conglomeration of Green Innovation and Corporate Environmental Responsibility for attaining Sustainability". National Seminar on Sustainable Development Goals: Strategies and Challenges organized by Brahmanand P.G. College, Kanpur on February 12-13, 2025.
- Presented paper on "Green Investment as a catalyst for Sustainable Development: A Comprehensive Review of its Environmental, Economic and Social Impacts". International Conference on Recent Trends in Multidisciplinary Research and Innovation organized by International Institute for Special Education in collaboration with Integral & Innovative Sustainable Education College, Lucknow on November 29-30, 2024.
- Presented paper on "Green Innovation: Pioneering Pathways to Sustainability". International Conference on Recent Trends in Multidisciplinary Research and Innovation organized by International Institute for Special Education in collaboration with Integral & Innovative Sustainable Education College, Lucknow on November 29-30, 2024.
- Presented paper on "AI- enabled Green Investment tools for Business Sustainability in India". National Seminar on 'Role of Artificial Intelligence in Business Management: Perspectives & Implications on the way to Viksit Bharat' organized by Department of Marketing & Supply Chain Management, Central University of Jammu (ICSSR Sponsored) on October 17-18, 2024.

- Participated in 5 days Online FDP on 'Indian Strategic Thought and Warfare- Indian Knowledge System' organized by Department of National Security Studies, Central University of Jammu, India from 17-21 March, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Kushendra Mishra

- Ayush Sabat has enrolled for a Ph.D. with the thesis titled " NAVIGATING THE MUSIC INDUSTRY: UNRAVELING THE DRIVERS AND CHALLENGES OF MUSIPRENEURSHIP ".
- Soonmo Kwon has enrolled for a Ph.D. with the thesis titled " Exfoliating Indian Consumer's Value Perception toward Korean Brands: A Sector-Wise Exploration ".
- Aplak Singh has enrolled for a Ph.D. with the thesis titled " Bad Banks and the Future of Asset Recovery in India: An Analytical Perspective ".
- Mayank Kumar Singh has enrolled for the Ph.D. programme and is undertaking course work.

Prof. Amit Kumar Singh

- Amarpreet Kaur has enrolled for a Ph.D. with the thesis titled " Perception of Artificial intelligence and digital autonomy on innovative work behaviour of employees: role of digital competence as a mediator ".
- Amrita Chaturvedi has enrolled for the Ph.D. programme and is undertaking course work.

Dr. Taruna

- Salahuddin Khan has enrolled for a Ph.D. with the thesis titled "Impact of Self-Esteem on Emotional Dissonance (Ed) Driven Emotional Exhaustion (Ee) And Job Embeddedness (Je) Amongst the Employees of Centrally Funded Universities in India ".
- Asadullah Zahir has enrolled for a Ph.D. with the thesis titled "An Analysis of Financial Model and their Effectiveness in the Appraisal of Development Projects under PPP".
- Kavita Singh has enrolled for a Ph.D. with the thesis titled "Investigating the Impact of Perceived over qualification on Job satisfaction and Organisational Citizenship Behaviour in select Indian Organisations.

Dr. Krishna Murari

- Shilpi Pandey has enrolled for a Ph.D. with the thesis titled "An Empirical Study of Intentions and Interventions in Adoption of Digital Lending: With Special Reference to SCR Region of Uttar Pradesh.

Dr. Ramesh Kumar Chaturvedi

- Shreyashi Tripathi has enrolled for a Ph.D. with the thesis titled "Influence of Spirituality on Entrepreneurial Ethics in the context of Micro Entrepreneurs".
- Prashant Singh has enrolled for a Ph.D. with the thesis titled "Effectiveness of Predictive Modelling in Estimating Mutual Fund Performance".
- Rajnish Kumar has enrolled for the Ph.D. programme and is undertaking course work.

Dr. Lata Bajpai Singh

- Neha Gautam has enrolled for a Ph.D. with the thesis titled "Outcomes of workplace incivility with special reference to Indian service sector employees".
- Charu Vaish has enrolled for a Ph.D. with the thesis titled "Adoption of Artificial Intelligence and Employee Service Performance with Special Reference to Service Sector".

Dr. Arpit Shailesh

- Ziaulhaq Zia has enrolled for a Ph.D. with the thesis titled "A comparative study on green technology practices".
- Vaibhav Dixit has enrolled for a Ph.D. with the thesis titled "A STUDY ON EXPLORING E-RUPEE (CBDC): AWARENESS, ADOPTION DYNAMICS, AND COMPARATIVE ANALYSIS IN THE DIGITAL CURRENCY LANDSCAPE WITH REFERENCE TO INDIA".
- Suneeta Ahirwar has enrolled for a Ph.D. with the thesis titled "An Empirical Study of the Financial Performance of the Selected Mutual Funds with Special reference to SBI".
- Neha Nag has enrolled for the Ph.D. programme and is undertaking course work

Dr. Salil Seth

- Mohd Irfan Pathan has enrolled for a Ph.D. with the thesis titled "Decoding the synergies between Climate Finance, Corporate Environmental Responsibility, and Green Innovation to accentuate Environmental Performance: An empirical study of selected Regional Rural Banks of U.P., India.".
- Lokesh Tomar has enrolled for a Ph.D. with the thesis titled "Confluence of Green Investment and Green Human Resource Management: Evaluating the mediating role of Corporate Social Responsibility in enhancing the performance of selected Indian I.T. firms".

8.3.5.2 Ph.D. Awarded

Prof. Kushendra Mishra

- Ph. D awarded to Neerja Rai on the thesis titled "An Empirical Investigation on Customer Adoption Intention of loT (Internet of Things) in Commercial Banks of Lucknow" in 2024.
- Ph. D awarded to Shalini Singh on the thesis titled "Institutional Finance Oriented Rural Entrepreneurship Development in Uttar Pradesh" in 2024.
- Ph. D awarded to Richa Mishra on the thesis titled "Adoption Intention of E-Commerce Platforms by Unorganised FMCG sector Vendors in Lucknow Region" in 2024.
- Ph. D awarded to Srishti Chaubey on the thesis titled "The effect of saving behavior and investment patterns on the Orientation Towards Finance (ORTOFIN) for working women" in 2024.

Dr. Taruna

- Ph.D awarded to Shiwani Singh on the thesis titled "Measuring the Impact of Employee happiness on Organizational Citizenship Behaviour in Select Indian Organizations" in 2024.
- Ph.D awarded to Jyoti Singh Bharti on the thesis titled "Exploring the Antecedents of Employee Silence and Its Impact on Organizational Commitment in Select Indian Organizations" in 2024.
- Ph.D awarded to Shiv Kumar Tripathi on the thesis titled "JOB SATISFACTION OF EMPLOYEES WORKING IN GOVERNMENT SECTOR – A COMPARISON WITH RESPECT TO CENTRAL AND STATE PERSPECTIVE" in 2024.

Dr. Lata Bajpai Singh

- Ph. D awarded to Sachita Srivastava on the thesis titled "Investigating the Impact of Abusive Supervision and Workplace Incivility on Counterproductive Work Behavior: With Special Reference to Service Sector Employees" in 2024.

8.3.6 Projects/Consultancy/and any other

Dr. Taruna

- Research Grant of Rs. 9,00,000/- for the project titled "Socio- Cultural and Economic Status of de-notified and Nomadic Tribes and their mainstreaming: A Sociological Study of Selected Tribal Communities" Sponsored by ICSSR, New Delhi" was granted to Dr. Taruna as Co-PI in 2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	-
2.	Total number of journal publications by Department (International)	10
3.	Total number of publications in conference proceedings	01
4.	Total number of workshops/conferences/seminars/etc organized by Department	02
5.	Total number of PhD degree awarded by Department	08
6.	Total number of PG students	285
7.	Total number of UG students	282
8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	50
10	Total number of Award and Medals	-
11	Total number of Patents/copyright filed/granted	-
12	Total number of sponsored research project sanctioned	01
13	Total number of consultancy projects sanctioned	01
14	Total number of MOOCs courses developed	-
15	Total number of MOOCs courses completed by students	01
16	Total number of students qualifying National level examinations	11
17	Total number of total number of students opted for higher studies	106

Department of Commerce

About the Department

The Department of Commerce began functioning as an independent and fully-fledged department on **6th January 2021**. All students previously admitted under the Department of Rural Management in the B. Com (Hons) programme were transferred to the newly established Department of Commerce.

Currently, the Department offers a **four-year B. Com (Hons)** programme with multiple exit options as per **NEP 2020**, with an intake capacity of **90 students**, including candidates from UR, SC/ST, and EWS categories.

The Department is led by a team of **highly qualified, experienced, and dedicated faculty members** committed to delivering quality education. Through **lectures, seminars, and field visits**, students gain exposure to real-world commercial practices. The Department emphasizes **academic excellence, interdisciplinary research, and concurrent fieldwork**.

Students benefit from modern educational facilities, including **Wi-Fi, computer lab, centralized library, smart classrooms, playground, placement cell, and committee room**.

Strength

- Young and dynamic department established in **2021** with a clear vision for growth.
- Offers a **NEP 2020 aligned programme (B. Com Hons)** with multiple exit options.
- Faculty members are **Ph.D. qualified, experienced, and research-oriented**.
- Access to **ICT-enabled classrooms, Wi-Fi, computer lab, and centralized library**.
- **Interdisciplinary exposure** through seminars, lectures, and field visits.
- Inclusive admission policy with representation from **UR, SC/ST, and EWS categories**.

Next Year Plan (2025-26)



- Launch a **two-year full-time M. Com programme** to strengthen postgraduate studies.
- Establish **formal feedback mechanisms** from students and stakeholders.
- Initiate **departmental-level seminars, workshops, and guest lectures**.
- Encourage faculty members to engage in **research projects, publications, and consultancy**.
- Develop **collaborations/MoU's** with industry and academic institutions.
- Promote **student participation in co-curricular and extracurricular activities**.
- Strengthen **alumni engagement** and create a **career guidance/placement support framework**.

1. Curricular Aspects

1.1 Curriculum Design and Development / Planning and Implementation



- Four-year **B. Com (Hons)** programme introduced under NEP 2020.
- Curriculum aligned with contemporary commerce and business studies.

1.2 Academic Flexibility



- Multiple exit options as per NEP 2020.

1.3 Curriculum Enrichment



- Field visits, lectures, and seminars incorporated.

1.4 Feedback System

- Nil (to be introduced).

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Current UG students: **314**
- Annual intake capacity: **90**

2.2 Catering to Student Diversity



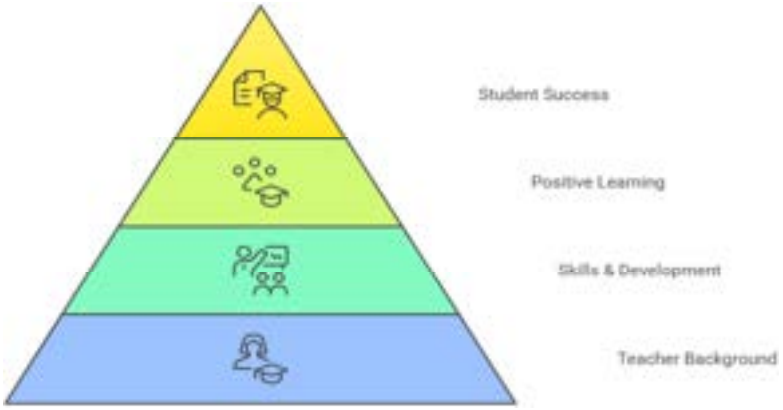
- Admission includes UR, SC/ST, and EWS categories.

2.3 Teaching-Learning Process



- Classroom teaching supported with field visits and seminars.

2.4 Teacher Profile and Quality



- **Faculty Members (Ph.D. qualified):**
  - Prof. Kushendra Mishra (Head)

2.5 Evaluation Process and Reforms



- As per University guidelines.

2.6 Student Performance and Learning Outcomes



- Nil (to be developed).

2.7 Student Satisfaction Survey

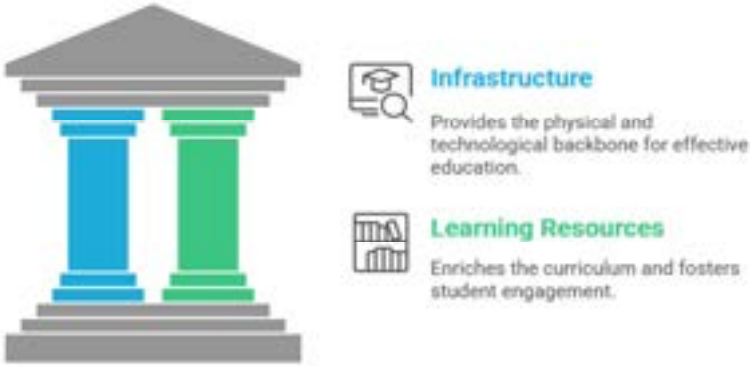
- Nil (to be planned).

3. Research, Innovations, and Extension



- **3.1 Promotion of Research and Facilities** – Nil
- **3.2 Resource Mobilization for Research** – Nil
- **3.3 Innovation Ecosystem** – Nil
- **3.4 Research Publications and Awards** – Nil
- **3.5 Consultancy** – Nil
- **3.6 Extension Activities** – Nil
- **3.7 Collaboration** – Nil

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, Wi-Fi, computer lab, playground, committee room.

4.2 Library as a Learning Resource

- Centralized library access available.

4.3 IT Infrastructure

- Department equipped with Wi-Fi and computer lab.

4.4 Maintenance of Campus Infrastructure

- Regular upkeep reported.

5. Student Support and Progression



- **5.1 Student Support** – Nil
- **5.2 Student Progression** – Nil

- **5.3 Student Participation and Activities** – Nil
- **5.4 Alumni Engagement** – Nil (to be initiated).

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision to achieve excellence in commerce and business studies.

6.2 Strategy Development and Deployment

- Plans for introducing M. Com programme.

6.3 Faculty Empowerment Strategies – Nil

6.4 Financial Management and Resource Mobilization – Nil

6.5 Internal Quality Assurance System – Nil

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities – Nil

7.2 Best Practices – Nil

7.3 Institutional Distinctiveness

- Young, dynamic department with potential to expand into postgraduate studies.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Kushendra Mishra**
  Professor (Head of the Department OF COMMERCE)
  Specialization: Performance Management Monitoring, Accountability Analytics. Strategy and Micro planning, Public Policy and Governance
  Qualifications: Graduated and Post-graduated from University of Lucknow in Management Business Administration. Ph.D. from Department of Business Administration, University of Lucknow., Fellow of Common Wealth Foundation.

with **Four Resource Persons**

8.2 Various Positions hold's in & out the Institution -

8.3 Research Publications

Prof. Kushendra Mishra

- Musipreneurship in Transition: A Review of Drivers, Challenges, and Emerging Trends in the Music Industry A Sabat, K Mishra Pacific Business Review International 18 (2) 2025.
- Mediation Effect of The Savings Behavior Between Investment Pattern and Orientation Towards Finance (ORTOFIN): A Structural Equation Modeling Approach PKM Srishti Chaubey Educational Administration: Theory and Practice 30 (4), 1-18 2024.
- Musipreneurship in Transition: A Review of Drivers, Challenges, and Emerging Trends in the Music Industry M Kushendra, S Ayush Pacific Business Review (International) 18 (Issue 2), 157-167 2025.

8.3.1 Research Articles

8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	-
2.	Total number of journal publications by Department (International)	03
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	-
5.	Total number of PhD degree awarded by Department	-
6.	Total number of PG students	-
7.	Total number of UG students	265
8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	-
10	Total number of Award and Medals	-
11	Total number of Patents/copyright filed/granted	-
12	Total number of sponsored research project sanctioned	-
13	Total number of consultancy projects sanctioned	-
14	Total number of MOOCs courses developed	-
15	Total number of MOOCs courses completed by students	-
16	Total number of students qualifying National level examinations	-
17	Total number of total number of students opted for higher studies	-

School of Media and Communication

School of Media and Communication has been established in the year 2015 and became fully operational since 26th March 2018. The School of Media and Communication currently has one department and UP's first Media Centre.

The Department of Mass Communication and Journalism offers MA, M.Phil. and Ph. Programmes in the field of Mass Communication and Journalism. The School of Media and Communication is not only a place where the students get quality education and degree but also a platform that encourages collaboration, disseminates job opportunities, enhances creativity, and provides global exposure to the students.

The students of School of Media and Communication are not only placed in reputed organizations across India but also brought many moments of pride for the School and the University. The films and the research work of the students are well recognized by the State and Central Government Bodies. One of the films of a research scholar not only won first prize in the International Science Film Festival of India but also got appreciation from the State Government and Industry.

Students are placed in reputed organizations such as Lucknow Metro Rail Corporation, Indian Information Services, Times of India, Hindustan Times, Dainik Jagran, Amar Ujala etc. Many of the research scholars are working as Assistant Professors in Central and State Universities. A number of students are working as freelancer and started their own ventures.

Students won many awards in Science and Literature. The students are closely working with many NGO's and bringing many issues of public concern to the forefront to build public opinion. Various co-curricular activities are also conducted for an all-inclusive development of the students at School of Media and Communication.

1. Number of Departments: **01 (Department of Mass Communication &Journalism)**
2. Number of faculty in each Department: **07**

Department of Mass Communication & Journalism

About the Department

The Department of Mass Communication & Journalism, started in 2008, offers Master, M.Phil. and Ph.D. programs in Mass Communication & Journalism. The basic objective of the Department is to produce skilled professionals for the exponentially expanding world of mass media, both print as well as electronic. The Department also endeavors to provide advanced and specialized professional training to the students and also caters to the higher level of demands in the profession of Mass Communication, including media & communication research and media & communication education. The Department aims and endeavors to develop into a centre of excellence in the field of Mass Communication & Journalism & Courses offered Ph.D (2008), M.A. (JMC) (2008), BA (FTMS (2024).

Strengths

- Experienced and research-oriented faculty with interdisciplinary expertise.
- Strong student–teacher ratio enabling personalized mentoring.
- Well-structured programs at UG, PG, and Ph.D. levels with CBCS.
- Active engagement in research, publications, and projects.
- Regular organization of seminars, workshops, extension, and outreach activities.
- Strong alumni network with placement in academia, NGOs, and development sectors.

Next Year Plan (2025-26)



- Introduce new value-added/certificate courses aligned with NEP-2020.
- Strengthen industry–academia collaborations for student internships and research.
- Enhance ICT-enabled learning resources and smart classroom facilities.
- Expand research projects through national and international funding agencies.
- Organize more national seminars, FDPs, and skill-development programs.
- Establish stronger community outreach and extension services.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum framed as per UGC guidelines.
- Regular revision and updating of curriculum through Board of Studies (BoS).
- CBCS and NEP-2020 principles incorporated.
- Inputs from stakeholders (students, alumni, industry experts).

1.2 Curricular Planning and Implementation

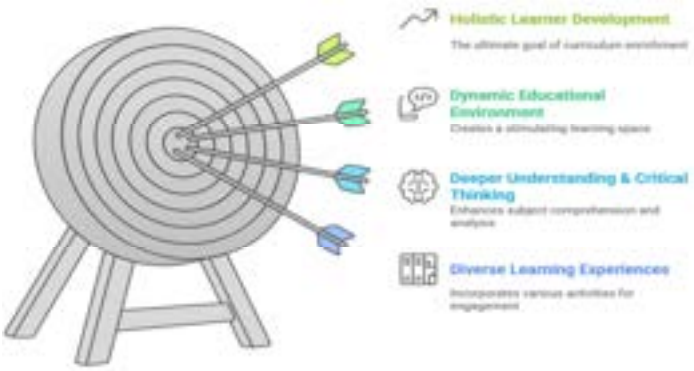
- Academic calendar followed strictly.
- Detailed teaching plans prepared by faculty.
- Continuous monitoring of course delivery.
- Use of ICT-based tools for effective teaching.

1.3 Academic Flexibility



- CBCS-based curriculum with elective choices.
- Open electives available across departments.
- Provision for interdisciplinary learning and skill enhancement.

1.4 Curriculum Enrichment



- Value-added courses and skill development workshops conducted.
- Life skills, gender sensitization, and environmental awareness integrated.
- Extension and outreach programs linked to curriculum.

1.5 Feedback System

- Action Taken Reports prepared after each feedback cycle.
- Feedback utilized for curriculum improvement.

2 Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Admission through university norms ensuring equity and diversity.
- Representation from different states and socio-economic backgrounds.
- Reservation policies implemented.

2. 2 Catering to Student Diversity



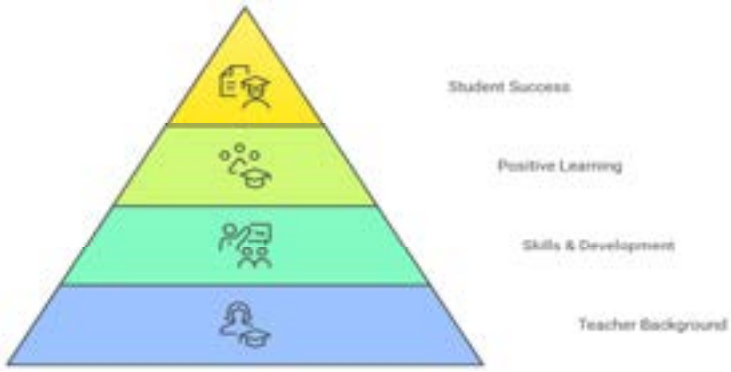
- Bridge courses for first-year entrants.
- Remedial classes for slow learners.
- Advanced learners provided with research exposure and additional projects.

2.3 Teaching–Learning Process



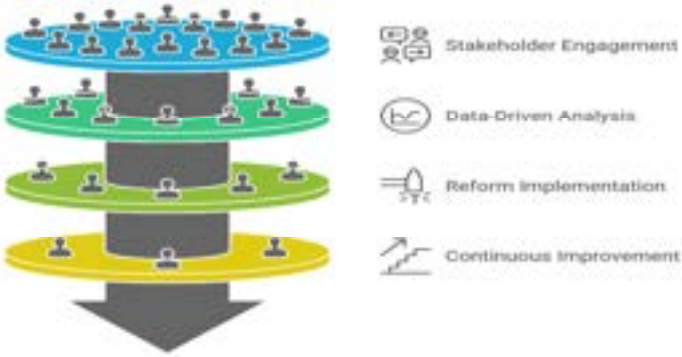
- Learner-centered teaching with group discussions, case studies, role play.
- Blended learning with ICT integration.
- Experiential learning through fieldwork and extension activities.

2.4 Teacher Profile and Quality



- Qualified faculty with Ph.D. degrees.
- Faculty actively engaged in research, publications, and projects.
- Participation in FDPs, orientation, and refresher courses.

2.5 Evaluation Process and Reforms



- Continuous internal assessment (CIA).
- Transparent examination system with moderation and revaluation.
- Online evaluations incorporated during pandemic.

2.6 Student Performance and Learning Outcomes



- Learning outcomes assessed through assignments, projects, and viva-voce.
- Improved placement and higher studies records.

2.7 Student Satisfaction Survey

- Regular SSS conducted.
- Analysis used for improving teaching quality and facilities.

3 Research, Innovations and Extension

3.1 Resource Mobilization for Research



- Research projects funded by ICSSR and other agencies.
- Internal funding support for faculty and research scholars.

3.2 Innovation Ecosystem

- Student projects linked to community-based research.
- Entrepreneurship and skill-based training promoted.

3.2 Research Publications and Awards



- Faculty publications in peer-reviewed and UGC CARE journals.
- Books and book chapters authored.
- Recognition and awards for research excellence.

3.4 Extension Activities

- Regular community outreach and awareness programs.
- Health, nutrition, and child development initiatives.
- Collaboration with NGOs and government agencies.

3.5 Collaboration

- MoUs with academic institutions and NGOs.
- Collaborative projects and seminars organized.

4 Infrastructure and Learning Resources



4.1 Physical Facilities
- Well-equipped classrooms.
- Smart class facilities.
- Departmental library with updated resources.

4.2 Library as Learning Resource
- Access to e-resources through INFLIBNET, e-Shodh Sindhu.
- Updated textbooks, journals, and reference materials.

4.3 IT Infrastructure
- Wi-Fi enabled campus.
- ICT-based teaching facilities.
- Online learning resources integrated.

4.4 Maintenance of Campus Infrastructure
- Annual maintenance contracts (AMC) in place.
- Regular audits of physical and digital infrastructure.

5. Student Support and Progression



5.1 Student Support
- Scholarships for SC/ST/OBC and minority students.
- Financial support for research scholars.

5.2 Capacity Building and Skill Enhancement
- Training in communication, ICT, soft skills.
- Certificate courses for employability enhancement.

5.3 Student Progression
- Students pursuing higher education (PG/Ph.D.).
- Alumni placed in academia, NGOs, and government services.

5.4 Alumni Engagement
- Active alumni association.
- Alumni contribution in seminars, placements, and mentoring.

6 Governance, Leadership and Management



6.1 Institutional Vision and Leadership
- Vision aligned with university goals.
- Faculty actively involved in decision-making and committees.

6.2 Strategy Development and Deployment
- Strategic planning for academic and research growth.
- Regular monitoring of departmental activities.

6.3 Faculty Empowerment Strategies
- Opportunities for faculty development programs.
- Support for attending conferences and workshops.

6.4 Financial Management and Resource Mobilization
- Transparent budgeting and resource allocation.
- Efforts to mobilize funds through research projects.

6.5 Internal Quality Assurance System
- IQAC guidelines followed.
- Regular audits and self-assessment reports.

7 Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities
- Gender sensitization programs.
- Environmental sustainability initiatives.

7.2 Best Practices
1. Community-based extension and outreach programs.
2. Student mentoring and counselling system.

7.3 Institutional Distinctiveness
- Strong integration of research, extension, and teaching.
- Focus on inclusive and sustainable development practices.

8 Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Gopal Singh**
  Professor & Dean
  Qualification: M.A. (English), Cert. (Japanese Language) MJMC,Ph.D., UGC NET-JRF
  Specialization: Film & TV Journalism, Communication Research, Health Communication

- **Prof. Govind Ji Pandey**
  Professor & Head
  Qualification: - MJ, LLB, Ph.D. UGC NET

Specialization: - TV and Film Studies Communication Research & Development Communication

- **Dr. Mahendra Kr. Padhy**
  Associate Professor
  Qualification: -M.A.(Economics), M.Phil. (Economics) MJMC, M.Phil. (J& MC), Ph.D(J&MC), JRF, UGC NET. UGC Post Doctoral Research Awardee
  Specialization: - Advertising, Public Relations, Development Communication, Media Research

- **Dr. Rachana Gangwar**
  Associate Professor
  Qualification: - Ph.D.
  Specialization: - Cross cultural Communication, Communication Research, Communication Theories, Folk Communication

- **Dr. Kunwar Surendra Bahadur**
  Asst. Professor
  Qualification: - MA (Psychology) MJMC,Ph.D, UGC NET
  Specialization: -Advertising, Public Relations, Development Communication, New Media and Communication Research

- **Dr. Lok Nath**
  Asstt. Professor
  Qualification: - M.A.(Psychology) MJMC, Ph.D (J&MC), UGC NET, Dr. S.Radha Krishnana
  Post Doctoral Fellowship UGC, New Delhi
  Specialization: - Communication theory and research, new media and PR

- **Dr. Arvind Kumar Singh**
  Asstt. Professor
  Qualification: -MJMC,Ph.D., UGC NET-JRF
  Specialization: - Development communication, electronic media and new media

8.2 Various Positions held in& out the Institution-

8.3 Research Publications

8.3.1 Research Articles

Prof. Govind Ji PPandey

- International Journal of Research and Analytical Reviews (IJRARA), "Explore the potential for Kannada films on platforms to promote climate change mitigation and adaptation strategies "23481269 impact factor 7.17, October 2024.
- Exploration of Cervical Cancer Awareness among Students through the Poonam Pandey Health Campaign, ISSN 23938358 impact factor:6.875, vol.12, no.2, February 2025.

- भारत में पहली टॉकी फिल्म का प्रभाव: एक ऐतिहासिक विश्लेषण,ISSN 09766650, impact factor: 7.0,January 2025.
- A Study of the Socio - economic Perspective of the Digital Divide Among University Students, ISSN 25827472, May 2025.

Dr. Rachna Gangwar

- "New Social System and Intercultural Communication in the Digital Age: An Indian Perspective" ISSN- 2583-973X, The Academic- An International Journal of Multidisciplinary Research, March 2025.
- "Understanding the Nexus of Media and Information Literacy (MIL) and Critical Thinking (CT): A Critical Study", ISSN: 2327-0063 (Print) ISSN: 2327-2457 (Online), International Journal of Humanities Education, April 2025
- Media, Environment Conservation and SDGs (Environment Conservation for a Prosperous Bharat), ISSN: 2581-6675, Praxis International Journal of Social Science and Literature, A Peer-reviewed & Open Access e-Journal with SJIF 2023 = 5.918, April 2025
- "हिन्दी फिल्मों में महिलाओं का चरित्र-चित्रण: पर्दे पर महिला पात्रों की भूमिका", ISSN – 3048-6041 "Shodh Patra: International Journal of Science and Humanities", May 2025

Dr. Kunwar Surendra Bahdur

- उच्च शिक्षार्थियों में जल संरक्षण जागरूकता: एक अध्ययन (सोशल मीडिया की भूमिका क□सन्दर्भ में)ISSN 2349364X impact factor 7.720,Vedanjali .

Dr. Loknath

- Phantomization of News Media: Liberalizing Journalism at Regional Stage Page nos.- 01-13, International Journal of New Media Studies (IJNMS), Volume 11 Issue 2, July-December, 2024, ISSN: (Online) 2394-4331, Peer reviewed
- Exploring the Nexus: A Study on Role and Use of Psychology in Communication/ Page nos.- 01-14, International Journal of Scientific Research in Engineering and Management (IJSREM)/ Volume: 08 Issue: 08 | Aug - 2024, ISSN No. 2582-3930 DOI: 10.55041/IJSREM37127
- Youth Engagement: A Key Driver in the Growth of OTT Platforms/ Page 534-541, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)/ Volume 4, Issue 3, October 2024, ISSN: (Online) 2581-9429/ DOI: 10.48175/IJARSCT-19980, International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal.
- जल संरक्षण के लिए स्वचालित जलस्तर नियंत्रक के प्रतिलोगों में जागरूकता का अध्ययन / Page Nos. 85-88, संचारमाध्यम/ खंड36 (3), October -December, 2024, ISSN: 2321-2608, UGC care listed journal, Peer Reviewed and Referred Journal.

Dr. Arvind Kumar Singh

- Tribal Culture, Communication and Alcohol use: A study of Tribal Society in District of Madhya Pradesh; Page 8-20 Janmat April, 2025 Vol 2582-3557.
- मीडिया से हो रही सामाजिक,आर्थिक, और राजनीतिक, जागरूकताः एक अध्ययन Page-18-38, ShodhSahity May 2025, Vo-l3, Issu 5, 2584-2447.

- Artificial Intelligence in Science Communication: Simplyfying Complexity, Personalizing Learning and Democratizing Access, Indian Journal of Science communication Science July December 2024, Vol-23(2) 0972-429X

8.3.2 Books / Edited Books - Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Govind Ji Pandey

- Prof. Govind Ji Pandey, "Three Pillars of Today's AGE: DIGITIZATION, ARTIFICIAL INTELLIGENCE & AUTOMATION AND ITS IMPACT ON MANAGEMENT, September 2024 ISBN 9789358790597

Dr. Arvind Kumar Singh

- Dr. Arvind Kumar Singh, "Diverse Pedagogical Approaches for Effective Teaching", Use of Artificial Intelligence in Pedagogy.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Prof. Govind Ji Pandey, attend the 9th International Conference on Media & Mass Communication 9 - 10 May - 2024 Colombo, Sri Lanka.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Govind Ji Pandey

- Ashutosh Kumar Rai has enrolled for a Ph.D. with the thesis titled " आजादी के बाद हिंदी सिनेमा का राजनितिक दर्शन ".
- Vijaya Bala has enrolled for a Ph.D. with the thesis titled " A Study to Analyse the Impact of Information and Communication Technology in Elementary Education in Bihar".
- Ritika has enrolled for a Ph.D. with the thesis titled "A Study of Documentary Film Intervention on Women's Health: With Special Reference to Cervical Cancer in Uttar Pradesh"
- Abhishek Rajput has enrolled for a Ph.D. with the thesis titled" Online Film Reviews and Box Office Revenue: A Multiplatform Sentiment Analysis of Hindi Cinema"
- Naren Sahay has enrolled for a Ph.D. with the thesis titled" Depicting Caste Realities in Contemporary Hindi Cinema: A Study with Special Reference to Madhya Pradesh - Based Films"
- Nisarga CA has enrolled for a Ph.D. with the thesis titled " From Screens to Streams: A Study of the Kannada Film Audience's Transition to OTT Platforms and its Implication for the Industry".
- Karuna Singh has enrolled for a Ph.D. and her synopsis is currently under preparation.

Prof. Gopal Singh

- Sawapan Kumar Roy has enrolled for a Ph.D. with the thesis titled "."

- Alankrita Singh has enrolled for a Ph.D. and her synopsis is currently under preparation.
- Neeraj Ahirwar has enrolled for a Ph.D. and his synopsis is currently under preparation.
- Nitin Raj has enrolled for a Ph.D. and his synopsis is currently under preparation.
- Ujjwal Srivastava has enrolled for a Ph.D., and his synopsis is currently under preparation.

Dr. M.K. Padhy

- Sadhana Subhadarsini enrolled for a Ph.D. with the thesis titled "Educational Information Intervention through Participatory Communication for Inclusive Development: An Empirical Research Study with Special Reference to Dhenkanal and Keonjhar Districts of Odisha".
- Shweta Dubey enrolled for a Ph.D. and her synopsis is currently under preparation.
- Tarun Kumar enrolled for a Ph.D. with the thesis titled "ग्रामीण भारत में नवीकरणीय ऊर्जा स्रोतों सम्बंधित जागरूगता में डिजिटल मीडिया की भूमिका: उत्तर प्रदश क जनपत गाज़ियाबाद क विशष सन्दर्भ में एक अनुभवजन्य अनुसंधान".
- Ujjwal Kumar enrolled for a Ph.D. with the thesis titled "Sustanability Literacy through Media Representation: An Impact Assessment Study of Sustainable Development Goals in Indian Mainstream Newspapers "
- Upali Mitra enrolled for a Ph.D. with the thesis titled "Public Health Communication Campaign through Cinematic Storytelling: A Semiological Research Analysis of Indian and Western Feature Films".
- Vidya Sagar has enrolled for a Ph.D. with the thesis titled " साइबर सुरक्षा में लोक सवा विज्ञापनों की भूमिका का एक अनुभवजन्य अनुसन्धान अध्ययन: लखनऊ क विशष सन्दर्भ में।"

Dr. Rachana Gangwar

- Princi Mishra has enrolled for a Ph.D. with the thesis titled "
- Priyanka Pathak has enrolled for a Ph.D. with the thesis titled" Media and Information Literacy (MIL) in the Digital Age: A Study among Students Pursuing Higher Education "
- Abhishek Kumar has enrolled for a Ph.D. with the thesis titled " Negotiating Glabal and Local Identities: The Role of Digital Platforms in Shaping Cultural Identity and Sense of Socio - Cultural Belonging Among Indian Urban Youth (A Study with Special Reference to Youth of Lucknow City) "

Dr. Kunwar Surendra Bahadur

- Shweta Singh Rathore has enrolled for a Ph.D. with the thesis titled ""
- Arin enrolled for a Ph.D. with the thesis titled "युवाओं को जल संरक्षण क प्रति जागरूक करन में नए मीडिया की भूमिका: एक अध्ययन"
- Nivedita Singh has enrolled for a Ph.D. with the thesis titled " An Analytical Study on the Challenges and Efficacy of Massive Open Online Courses (MOOCs) in Higher Education "

- Sukant Tiwari has enrolled for a Ph.D. with the thesis titled " The Deepfake Divide: AI Generated Political Videos and Their Impact on Vaters's Behaviour in India "

Dr. Loknath

- Saheb Kumar has enrolled for a Ph.D. with the thesis " Role of Digital Media in the Delivery of Healthcare Services and its Impact (A Study with Special Reference to the Development of Telemedicine in India)"
- Meenu Nawariya has enrolled for a Ph.D. with the thesis " मीडिया शिक्षा में डिजिटल लर्निंग का प्रभाव (जयपुर , राजस्थान के विषय सन्दर्भ में एक अध्ययन)"

8.3.5.2 Ph.D. Awarded

Prof. Gopal Singh

- Ph. D awarded to Shalini Srivastava on the thesis titled भारत में पत्रकारों की वैचारिक अभिव्यक्ति की स्वतंत्रता संबंधित कानून एवं सामाजिक आर्थिकतथा राजनैतिक दबाव: एकअध्ययन in 2025.
- Ph. D awarded to Pooja Arya on the thesis titled “Media Portrayal of Same -Sex Love and Popular Opinion: A Study Focusing on LGBTQ Community” in 2024
- Ph. D awarded to Imon Shyam on the thesis titled “A Study on social media obsession and its impact on behavioural changes among people” in 2024.

Prof. Govind Ji Pandey

- Ph. D awarded to Arvind Kumar on the thesis titled “Investigative Journalism in India: A study to analyses the recent trends and impact of investigative journalism on the society” in 2024.

Dr. Mahendra Kumar Padhy

- Ph. D awarded to Ravi Singh on the thesis titled "सोशल मीड़िया का राजनीतिक संचार और मतदान व्यवहार पर प्रभावः (उत्तर प्रदेश विधान सभा चुनाव 2017 के विशेष सन्दर्भमे एक अनुसंधान अध्ययन ½” पद 2024.

Dr. Arvind Kumar Singh

- Ph. D awarded to Sushma Devi on the thesis titled राजनीतिक संचार में न्यूमीडिया की भूमिका” in 2025.
- Ph. D awarded to Anurag Gupta on the thesis titled A Study of SWAYAM MOOCs Platform's Contribution in Providing E - learning Opportunities to the Students Pursuing Higher Education in 2024.
- Number of students completed their Master/Graduation/Diploma - 40
- Number of students selected in civil services (UPSC/UPPSC). - NIL
- Details of students selected for teaching in higher education. - 02
- No. of students pursuing higher studies. - 02
- Number of students selected on other government jobs/banking/school teaching etc. - 05
- Number of students awarded SLET/NET/JRF/any other fellowship - 07

8.3.6 Projects/Consultancy/and any other - NA

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements - NA

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	13
2.	Total number of journal publications by Department (International)	04
3.	Total number of publications in conference proceedings	04
4.	Total number of workshops/conferences/seminars/etc organized by Department	NA
5.	Total number of PhD degree awarded by Department	07
6.	Total number of PG students	73
7.	Total number of UG students	50
8.	Total number of diploma/certificates students (if any)	03
9.	Total number of students placed	05
10	Total number of Award and Medals	NA
11	Total number of Patents/copyright filed/granted	NA
12	Total number of sponsored research project sanctioned	NA
13	Total number of consultancy projects sanctioned	NA
14	Total number of MOOCs courses developed	NA
15	Total number of MOOCs courses completed by students	NA
16	Total number of students qualifying National level examinations	07
17	Total number of total number of students opted for higher studies	02

School of Pharmaceutical Sciences

1. Introduction: The School of Pharmaceutical Sciences was formed in 2020 with a motive of fostering interdisciplinary research for the benefit of society at large. It is an important interdisciplinary faculty in the University which aims at developing as a centre of excellence, especially in the present-day era of knowledge explosion. The school is dedicated to studies and research on the state-of-the-art areas of Pharmaceutical Sciences.

i. Number of departments with name**: 01 (Department of Pharmaceutical Sciences)**
ii. Number of faculty in the school (strength of non-teaching staff may also be specified)

Faculty: 06 (Six) Prof. Shubhini A. Saraf (On Deputation for period of five years w.e.f.)
Non-teaching: 02 (Regular Staff)
: 02 (Contractual staff)

3 Special Highlight of the School, if any
4 Citation –Index of the School:
5 Any other Information:

Department of Pharmaceutical Science

About the Department

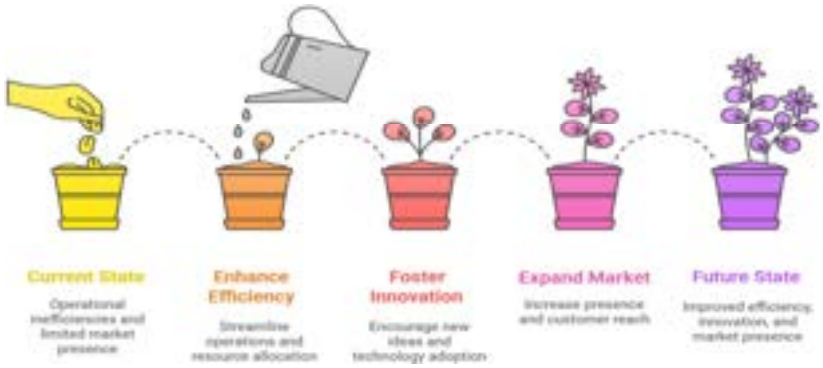
The **Department of Pharmaceutical Sciences (DPS), BBAU** was established in **2010** and upgraded into a full-fledged school in **2020**. The department is dedicated to **education, research, and innovation** in pharmaceutical sciences with a focus on **healthcare and wellness**. It offers **Ph.D., M.Pharm (Pharmacology, Pharmaceutics, and Pharmaceutical Analysis)** programs, supported by **state-of-the-art laboratories, central instrumentation facilities, and smart classrooms**.

Its vision is to emerge as a **Centre of Excellence** in pharmaceutical education and research, contributing to **global healthcare challenges**.

Strengths of the Department

- **Experienced Faculty**: 8 faculty members (including 3 Professors, all Ph.D. qualified, with international exposure).
- **Research Excellence**: 37 publications in high-impact journals (IF up to 15) in the last 5 years, multiple patents filed.
- **Student Achievements**: 44 students qualified **GATE/GPAT/NET/JRF**, 13 Ph.D. awarded in 2024–25.
- **Infrastructure**: Central Instrumentation Laboratory, M.Pharm Labs, Smart Classrooms, Departmental Library.
- **Collaborations**: MoU's with reputed national and international institutions; visiting professors from IIT-BHU, Punjab University, NIPER, Assam University, etc.
- **Innovation Ecosystem**: Active involvement in **Incubation & Innovation Cell**, patents filed in nanotechnology and siRNA therapeutics.

Next Year Plan (2025–26)



- Introduce new electives in AI-driven drug design and regulatory sciences.
- Strengthen industry linkages and interdisciplinary research.
- Expand international collaborations and host global conferences.
- Upgrade central instrumentation facilities.
- Enhance student support through placements and fellowships.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



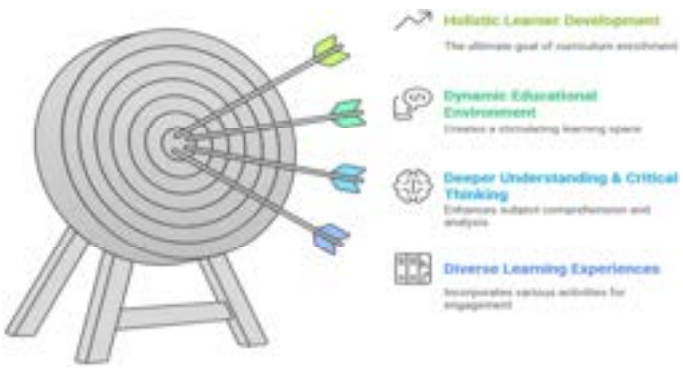
- Department established in 2010, upgraded to school in 2020.
- Programs offered: Ph.D. (Pharmaceutical Sciences), M.Pharm (Pharmacology – 13 intakes, Pharmaceutics – 13 intake, Pharmaceutical Analysis – 4 intake).
- Curriculum aligned to global healthcare challenges, nanomedicine, AI in drug discovery, and biotechnology.

1.2 Academic Flexibility



- Choice-based PG curriculum.
- Research-oriented Ph.D. program.

1.3 Curriculum Enrichment



- Focus on innovation in **drug delivery, oncology therapeutics, nanotechnology**.
- Guest lectures, seminars, workshops enrich academic exposure.

1.4 Feedback System

- Structured feedback from students, alumni, industry experts for curriculum revision.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 60 PG students enrolled.
- 30 students graduated in 2024–25.
- 44 students qualified **GATE/GPAT/NET/JRF**.

2.2 Catering to Student Diversity



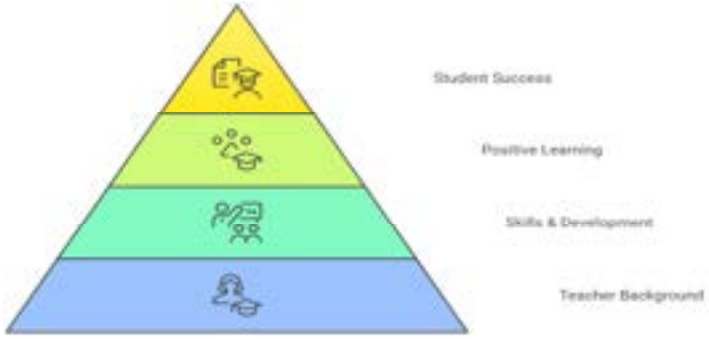
- Students from different regions of India.
- Support via library, smart classrooms, research labs.

2.3 Teaching-Learning Process



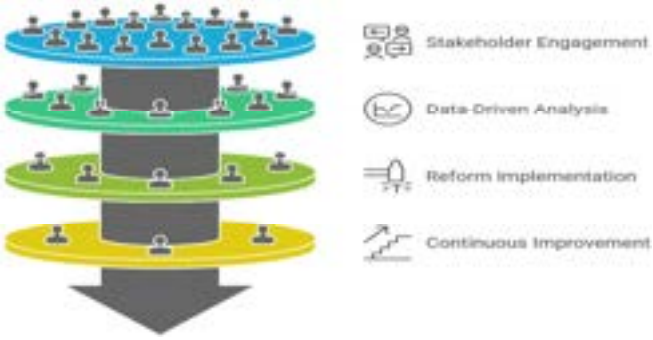
- Classroom + laboratory + research-based learning.
- Regular viva-voce with external experts.

2.4 Teacher Profile and Quality



- 8 faculty members (3 Professors, 3 Assistant Professors, 2 Guest Faculty).
- All permanent faculty with Ph.D. qualifications.

2.5 Evaluation Process and Reforms



- External evaluation through **Ph.D. viva-voce** by reputed national experts.

2.6 Student Performance and Learning Outcomes



- Student progression into higher studies, government jobs, and research.

- 13 Ph.D. degrees awarded in 2024–25.

2.7 Student Satisfaction Survey

- High participation in academic and research activities indicates positive outcomes.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- M.Pharm & Research Laboratories, Central Instrumentation Laboratory.

3.2 Resource Mobilization for Research



- Funded projects from DST, ICMR, INSPIRE, SRG.

3.3 Innovation Ecosystem

- Active participation in Incubation & Innovation Cell.
- Patents filed in **nanotechnology, siRNA therapeutics**.

3.4 Research Publications and Awards



- 37 publications in 2024–25.
- Publications in high-impact journals (up to IF 15).

3.5 Consultancy

- Faculty expertise in nanomedicine, oncology drug development.

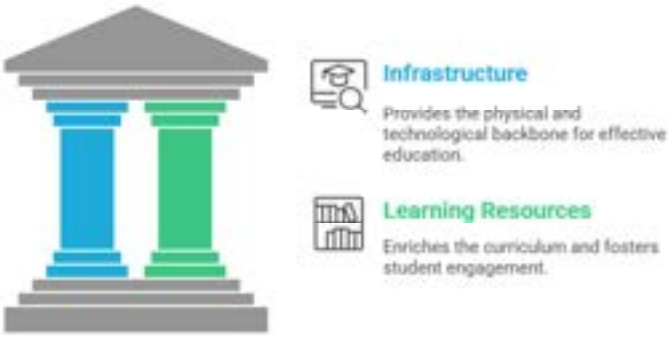
3.6 Extension Activities

- Seminars, workshops, collaborative activities with academia & healthcare institutions.

3.7 Collaboration

- MoU's signed with reputed institutions.
- International invited lecture (Prof. Rajinikanth – University of Alberta, Canada).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, M.Pharm Labs, Research Labs, Departmental Library.

4.2 Library as a Learning Resource

- Departmental library with specialized resources.

4.3 IT Infrastructure

- Internet-enabled labs, smart classrooms, digital learning access.

4.4 Maintenance of Campus Infrastructure

- Regular upkeep of laboratories and instrumentation facilities.

5. Student Support and Progression



5.1 Student Support

- Fellowships: ICMR-SRF, DST-INSPIRE, GPAT, NHFDC, UGC-NET.

5.2 Student Progression

- 13 Ph.D. degrees awarded in 2024–25.
- Graduates pursuing higher education and research.

5.3 Student Participation and Activities

- Active participation in seminars, conferences, viva-voce.

5.4 Alumni Engagement

- Alumni placed in academia, pharma industry, and research institutions.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision: To be a **Centre of Excellence in Pharmaceutical Sciences**.
- Mission: To promote innovation, ethics, and excellence in healthcare research.

6.2 Strategy Development and Deployment

- Focus on interdisciplinary research and industry collaborations.

6.3 Faculty Empowerment Strategies

- Faculty involved in editorial boards, professional societies, international networks.

6.4 Financial Management and Resource Mobilization

- Funding through DST, ICMR, UGC projects.

6.5 Internal Quality Assurance System

- Active participation in **IQAC, Academic Council, and Innovation Cell**.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Research aligned to **public health and wellness**.

7.2 Best Practices

- Nanotechnology-driven drug delivery systems.
- Integration of AI in drug discovery.

7.3 Institutional Distinctiveness

- Recognized research in **oncology drug delivery and stress-related disorders**.
- Strong patent portfolio and global publications.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Shubhini A. Saraf**
  Professor (On Lien for 05 years)
  Specialization: Lipoidal Nanotechnology; novel drug delivery
  Qualifications: M.Pharm, Ph.D.

- **Dr. Gaurav Kaithwas**

Professor
Specialization: Cancer Chemoprevention
Qualifications: M.Pharm, Ph.D.

- **Dr. P. S. Rajinikanth**
  Professor
  Dean, School of Pharmaceutical Sciences
  Head, Department of Pharmaceutical Sciences
  Specialization: Nano-carrier-based targeted drug delivery
  Qualifications: M.Pharm, Ph.D.

- **Dr. Vikas Mishra**
  Assistant Professor
  Specialization: Chronic stress associated cardio-vascular disorders
  Qualification. Pharm, Ph.D.

- **Dr. Vijayakumar M. R.**
  Assistant Professor
  Specialization: Microneedle based drug/vaccine delivery
  Qualifications: M. Pharm, Ph.D.

- **Dr. Chimpiri Srujani**
  Assistant Professor
  Specialization: Application of QbD in Method Development of Pharmaceuticals
  Qualifications: M. Pharm, Ph.D.

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

Prof. Gaurav Kaithwas

- Shrivastava NK, Verma P, Singh G, Singh J, Kumar A, Yadav S, Sonkar AB, Ansari MN, S Saeedan A, Akhter Y, A. Aldossary S. Optimizing siRNA Therapeutics Targeting HIF-1α: Computational Design, Screening, and Molecular Dynamics Simulation Studies. Molecular Pharmaceutics. 2025 May 19
- Pandey, A. R., Kumar, A., Shrivastava, N. K., Singh, J., Yadav, S., Sonkar, A. B., ...&Kaithwas, G. (2025). Advancing siRNA Therapeutics targeting MCT-4: A Multifaceted approach integrating Arithmetical Designing, Screening, and molecular dynamics validation. International Immunopharmacology, 147, 113980.
- Zaidi, A. K., Kumar, A., Kumar, R., Singh, J., Yadav, S., Sonkar, A. B., ...&Kaithwas, G. (2025). Repurposing brucine as a chemopreventive agent in mammary gland carcinoma: Regulating lactate transport through MCT-4. Toxicology Reports, 14, 101902.
- Sonkar, A. B., Verma, A., Yadav, S., Singh, J., Kumar, R., Keshari, A. K., ...&Saha, S. (2024). Antiproliferative, apoptotic and anti-inflammatory potential of 5H-benzo [h] thiazolo [2, 3-b] quinazoline analogues: Novel series of anticancer compounds. International Immunopharmacology, 137, 112496.

- Yadav, S., Arman, M., Kumar, A., Sonkar, A. B., Shrivastava, N. K., Singh, J., ...&Kaithwas, G. (2025). Antiproliferative effect of ketogenic diet on hormone independent mammary gland carcinoma via harnessing glucose metabolism: In-vitro and In-vivo investigations. Journal of Genetic Engineering and Biotechnology, 23(2), 100480.
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- Kumar, R., Singh, G., Akhter, Y., Kaithwas, G., Agrawal, A. K., & Singh, S. (2025). Structural Dynamics of OATP1A2 in Mediating Paclitaxel Transport Mechanism in Breast Cancer. Nanotheranostics, 9(1), 52.
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- Kumar, R., Kumar, A., Kumar, D., Yadav, S., Shrivastava, N. K., Singh, J., ...& Singh, S. (2024). Harnessing potential of ω-3 polyunsaturated fatty acid with nanotechnology for enhanced breast cancer therapy: a comprehensive investigation into ALA-Based liposomal PTX delivery. Pharmaceutics, 16(7), 913.
- Rastogi, S., Ansari, M. N., Saeedan, A. S., Yadav, S., Kumar, D., Singh, S. K., ...&Kaithwas, G. (2024). Novel carbamodithioate regulates cellular hypoxia through chemical activation of prolyl hydroxylase-2 for breast cancer chemoprevention. Chemical Biology & Drug Design, 103(5), e14531.
- Rani, S., Ansari, M. N., Saeedan, A. S., &Kaithwas, G. (2024). Novel Quinazoline Derivative Activates FIH-1 in MCF-7 Cells and 7, 12-Dimethylbenz [a]-Anthracene Induced Mammary Gland Carcinoma in Albino Rats. Journal of Biological Regulators and Homeostatic Agents, 38(5), 4153-4170.
- Rastogi, S., Ansari, M. N., Saeedan, A. S., Singh, S. K., Mukerjee, A., &Kaithwas, G. (2024). Novel furan chalcone modulates PHD-2 induction to impart antineoplastic effect in mammary gland carcinoma. Journal of Biochemical and Molecular Toxicology, 38(4), e23679.
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Prof. P. S. Rajinikanth

- Shah, S., Famta, P., Vambhurkar, G., Kumar, R., Pandey, G., Singh, G.,Srivastava, S. (2025). Docetaxel and niclosamide-loaded nanofiber systems for improved chemo-therapeutic activity and resistance reversal in prostate cancer. *Drug Development and Industrial Pharmacy*, *51*(2), 132–143
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- Famta, P., Shah, S., Srinivasarao, D.A., Sharma, A., Kumar, R., Vambhurkar, G., Pandey, G., Prasad, S.B., Shinde, A., Asthana, A. and Ratna, P.K., 2024. Simvastatin-loaded gelatin-capped polycaprolactone nanoparticles for the post-operative management of breast cancer. Journal of Drug Delivery Science and Technology, 101, p.106163.
- Rishabh Chaudhary, Mujeeba Rehman, Vipul Agarwal, Anand Kumar, Arjun Singh Kaushik, Siddhi Srivastava, Sukriti Srivastava, Rajkumar Verma, P.S. Rajinikanth, Vikas Mishra, Terra incognita of glial cell dynamics in the etiology of leukodystrophies: Broadening disease and therapeutic perspectives, Life Sciences, Volume 354, 2024, 122953
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- Nanda, A., Pandey, P., Rajinikanth, P.S. and Singh, N., 2024. Revolution of nanotechnology in food packaging: Harnessing electrospun zein nanofibers for improved preservation-A review. International Journal of Biological Macromolecules, p.129416.

Dr. Vikas Mishra

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- Chaudhary, R.; Azam, M. A.; Dowand, B.; Singh, A.; Rehman, M.; Agarwal, V.; Kumar, A.; Kaushik, A. S.; Srivastava, S.; Srivastava, S.; Mishra, V. Chronic Stress-Mediated Dysregulations in Inflammatory, Immune and Oxidative Circuitry Impairs the Therapeutic Response of Methotrexate in Experimental Autoimmune Disease Models. Naunyn-Schmiedeberg's Archives of Pharmacology 2024, 398 (4), 4305–4334.

Dr. Vijayakumar M. R.

- A.K. Gautam, P. Kumar, V. Kumar, A. Singh, T. Mahata, B. Maity, S. Yadav, D. Kumar, S. Singh, S. Saha, M.R. Vijayakumar, Preclinical evaluation of dalbergin loaded PLGA-galactose-modified nanoparticles against hepatocellular carcinoma via inhibition of the AKT/NF-κBsignaling pathway, International immunopharmacology, 140 (2024) 112813.

Dr. Chimpiri Srujani

- CH. Srujani, K.S. Nataraj, A. Krishnamanjari Pawar, Adinarayana, "QbD Driven Approach for Method Development and Validation for The Determination of Gilteritinib By RP-HPLC", International Journal of Pharmaceutical Quality Assurance, vol. 15, no. 4, pp. 2129-2138, Dec. 2024.
- CH. Srujani, Raj Bajpai, Ananya Mishra, Shashikant Gautam, Aditya Kumar Sharma, "Phyto nanocomposites: Synthesis, Characterization and Applications", International Journal of Pharmaceutical Sciences, vol. 2, no. 9, pp. 1236-1250, Sept. 2024.

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8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. P. S. Rajinikanth

- Book chapter entitled "Re-sensitization of Cancer Cells in Non-Solid Tumors in book titles Concepts of Combating Chemoresistance in Cancer Therapeutics"

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. P.S. Rajinikanth

- Invited Talk titled "Nanofibers- A Versatile Technology for Biomedical Applications" organized by University of Alberta, Canada on 3-Sept-2024

Dr. Vikas Mishra

- Invited Talk titled "Stem Cell Therapies for Neurodegenerative Disorders: Current Progress, Challenges and Opportunities" in a one-day Workshop on "Novel Drug Delivery System for Brain Targeting" organized by Dept. Of Pharmaceutics, National Institute of Pharmaceutical Education and Research- Raebareli on May 06, 2025.
- Attended as participant in NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by MMTTC, Jamia Millia Islamia, New Delhi from 06th January to 15th January 2025.

Dr. Vijayakumar M. R.

- Invited Talk titled "Microneedles: A recent advancement in transdermal drug delivery systems" in a Faculty Development Program (FDP) on "Smart Health Innovation: Integrating Imaging, Sensors & Biomaterials" co-organized by Department of Applied Mechanics, MNNIT Allahabad, and the Department of Biotechnology & Bioengineering, Galgotias University on July 14th to 19th 2025.
- Invited Talk titled "Recent advancements in transdermal drug delivery systems: special focus on microneedles" at Department of Pharmacy, Amity University, Lucknow, on Nov, 29th, 2024.

Dr. Chimpiri Srujani

- Presented oral paper titled "Box-Behnken Design Assisted RP-HPLC Method Development and Validation for the estimation of Dichlorphenamide" in CSIR & DBT Sponsored International Symposium on "Sustainable Drug Design and Nano-Particle Development: Quantum and Computational Perspectives" organized by Nirmala College of Pharmacy, Guntur on January 22 & 23, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. Shubhini A. Saraf

- Mr. Abhishek Verma has enrolled for a Ph.D. with the thesis titled "Appraisal of receptor mediated targeting for the enhanced antiproliferative activity of surface engineered nano-formulation(s) against lung carcinoma ".

Prof. Gaurav Kaithwas

- Mr. Rohit Kumar has enrolled for a Ph.D. with the thesis entitled "Enhancement of Anticancer Potential of Paclitaxel using Polyunsaturated Fatty Acids".
- Mr. Dharmendra Kumar has enrolled for a Ph.D. with the thesis entitled "Enhancement of Anticancer **Potential of Paclitaxel using γ-Linolenic acid".**
- Mr. Neeraj Kumar Shrivastava has enrolled for a Ph.D. with the thesis entitled "Development of systemic HIF-1alpha –siRNA/PHD2 activator co delivery vehicle by PLGA based formulation for the intervention of mammary gland carcinoma".
- Mr. Anurag Kumar has enrolled for a Ph.D. with the thesis entitled "Extraction, Purification, Characterization of α-Linolenic Acid Derived from Plant Source and its Evaluation against Mammary Gland Carcinoma ".
- Mr. Siddhant Nikam has enrolled for a Ph.D. with the thesis entitled "Orchaestrol role of HIF-1α and HIF-2α in breast cancer"
- Ms. Pratibha Verma has enrolled for a Ph.D. with the thesis entitled "Development of systemic HIF-1alpha –siRNA/FIH-1 activator co delivery vehicle by PLGA based formulation for the intervention of mammary gland carcinoma".

Prof. P. S. Rajinikanth

- Mr. Anit Kumar has enrolled for a Ph.D. with the thesis titled "Development and Evaluation of Functionalized Nanocarrier Based Drug Delivery System for Targeting Brain Tumor.
- Mr. Shubham Kanaujiya has enrolled for a Ph.D with the thesis titled “Multifunctional core-shell Nanofiber implant loaded with anti-cancer agents for efficient therapy in Breast cancer”.
- Mrs. Madhuri Verma has enrolled for a Ph.D with the thesis titled “Development and evaluation of a micelles-based drug delivery systems loaded with anti-cancer drug for the treatment of glioblastoma”.
- Mrs. Kanch kumari Gond has enrolled for a Ph.D with the thesis titled “formulation and evaluation of dual-drug loaded electrospun nanofibrous scaffold for treatment of breast cancer”.

Dr. Vikas Mishra

- Mr. Arjun Kaushik has enrolled for a Ph.D. with the thesis titled “A Study on the Role of Sirtuin-6 and Its Modulation in Chronic Stress Induced Metabolic Syndrome”.
- Mr. Rishabh Chaudhary has enrolled for a Ph.D. with the thesis titled "A Study on Immune System and its Modulation in Chronic Stress Aggravated Autoimmune Condition”.
- Ms. Sukriti Srivastava has enrolled for a Ph.D. with the thesis titled "Investigating the Role of JAK STAT pathway and its Modulation in chronic stress induced colitis in rats”.

- Ms. Siddhi Srivastava has enrolled for a Ph.D. with the thesis titled "A Study on the Role of Vitamin D and its Receptor Mediated Steroidgenesis in Chronic Stress Induced Male Infertility".

Dr. Vijayakumar M. R.

- Ms. Amita Singh has enrolled for a Ph.D. with the thesis titled "Development of betulin and gefitinib co-loaded lactoferrin decorated pH sensitive liposomes against hepatocellular carcinoma ".
- Mr. Vipin Kumar has enrolled for a Ph.D. with the thesis titled "Appraisal of Nicosamide loaded Mannose and Hyaluronic Acid Grafted Liposomes Againt Bisphenol A-Induced Hepatic Fibrosis".
- Ms. Km Prachi has enrolled for a Ph.D. with the thesis titled "Development of betulin loaded nanocarriers for the treatment of polycystic ovarian syndrome".

Dr. Chimpiri Srujani

- Mr. Ankit Gupta has enrolled for a Ph.D. with the thesis titled "Identification, Isolation and Characterization of Stress Degradation Products of some selected Active Pharmaceutical Ingredients".
- Mr. Akash Sharma has enrolled for a Ph.D. with the thesis titled "Dual Targeting Micelles Loaded with Lapatinib and Capecitabine for Breast Cancer".

8.3.5.2 Ph.D. Awarded

Prof. Gaurav Kaithwas

- Ph.D. awarded to Mr. Shubham Rastogi on the thesis titled “Novel furan chalcone modulates PHD-2 induction to impart antineoplastic effect in mammary gland carcinoma” in 2024.
- Ph.D. awarded to Ms. Soniya Rani on the thesis titled “Novel Quinazoline Derivative Activates FIH-1 in MCF-7 Cells and 7, 12-Dimethylbenz[a]-Anthracene Induced Mammary Gland Carcinoma in Albino Rats” in 2024.
- Ph.D. awarded to Ms. Archana Bharti Sonkar on the thesis entitled "Antiproliferative, apoptotic and anti-inflammatory potential of 5H-benzo[h]thiazolo[2,3-b]quinazoline analogues: Novel series of anticancer compounds" in 2024.
- Ph. D awarded to Ms. Sneha Yadav on the thesis entitled "Dual targeting of MCT-1 and MCT-4 and investigation of their role in breast cancer" in 2025.

Prof. P. S. Rajinikanth

- Ph.D. awarded to Payal Deepak on the title “Ligand Based Nanocarrier therapy for Hepatocellular Carcinoma (HCC) in 2024.
- Ph.D. awarded to Sunita Thakur on the title “Preparation and Evaluation of Nanocarrier Based Drug Delivery for the Management of Psoriasis” in 2024.
- Ph.D. awarded to Shweta Jaiswal on the title “Formulation and Evaluation of Ligand Nanocarriers Targeted Delivery for Enhanced Cardiovascular Therapy” in 2024.

- Ph.D. awarded to Dilip Kumar Arya on the title "Trastuzumab and iRGD decorated dual targeted liposomes delivery of Lycorine and Gefitinib for HER-2 positive breast Cancer and its brain metastasis" in 2024.
- Ph.D. awarded to Prashant Pandey on the tile "Development of Multifunctional Nanocarrier for delivery of optimal drugs for the treatment of Breast Cancer and its Brain Metastasis" in 2025.

Dr. Vikas Mishra

- Ph.D. awarded to Mr. Anand Kumar on the thesis titled "Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat" in 2024.
- Ph.D. awarded to Mr. Vipul Agarwal on the thesis titled "A Study on the Role of Proinflammatory Cytokines and their Modulation by Cholinergic Activity in Chronic Stress Induced Cardiac Dysfunction" in 2024.
- Ph.D. awarded to Ms. Mujeeba Rehman on the thesis titled "A Study on the Role of Brain Derived Neurotrophic Factor and its Modulation in Chronic Stress Induced Atherosclerosis and Endothelial Dysfunction" in 2025.

Dr. Vijayakumar M. R.

- Ph.D. awarded to Mr. Anurag Kumar Gautam on the thesis titled "Development of targeted nano formulation(s) for the treatment of cancer and investigation of the molecular mechanisms" in 2024.

8.3.6 Projects/Consultancy/and any other

Prof. P.S. Gaurav Kaithwas

- Research grant of Rs. 13,86,000/- for the project titled "To quantify of major pharmaceutical pollutants in river ganga and improve the understanding of the effects of prolonged exposure on freshwater ecosystem" Sponsored by CST-UP was granted in 2025.

Prof. P.S. Rajinikanth

- Research Grant of Rs. 14.97 Lakhs /- for the project titled "Development of Novel Biodegradable Nanofibrous Mats for Rapid Healing of Diabetic Wounds" Sponsored by CST-UP was granted in 2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. P.S. Gaurav Kaithwas

- Listed as top 2% scientist across the world in the area of pharmacology and toxicology, declared by Stanford University, California in 2024.
- SPSR Research Excellence Award – 2025, Society for Pharmaceutical Sciences and Research, Jhansi, India.

9 Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	3
2.	Total number of journal publications by Department (International)	34
3.	Total number of publications in conference proceedings	1

4.	Total number of workshops/conferences/seminars/etc organized by Department	2
5.	Total number of PhD degree awarded by Department	13
6.	Total number of PG students	60
7.	Total number of UG students	-
8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	22
10	Total number of Award and Medals	10
11	Total number of Patents/copyright filed/granted	3
12	Total number of sponsored research project sanctioned	2
13	Total number of consultancy projects sanctioned	-
14	Total number of MOOCs courses developed	-
15	Total number of MOOCs courses completed by students	30
16	Total number of students qualifying National level examinations	44
17	Total number of total number of students opted for higher studies	10

School of Physical and Decision Sciences

Brief Description of the School: Initially (2010), there were four departments under the umbrella of the School of Physical Sciences namely Department of Applied Chemistry, Department of Mathematics, Department of Applied Physics & Department of Statistics. However, keeping in view the employability and opportunities for the students, the nomenclature of the school as well as the Departments, have been restructured from ongoing academic session 2018, Subsequently, our School is known as the School of Physical and Decision Science (SPDS) and various Department under SPDS are classified as: -
Department of Chemistry
Department of Mathematics
Department of Physic
Department of Statistics

Department of Chemistry

About the Department
The Department of Chemistry offers postgraduate (M.Sc.), doctoral (Ph.D.), and research programmes with a focus on both theoretical and applied aspects of chemistry. It has well-equipped laboratories with modern instrumentation facilities such as FTIR, UV-Vi's spectrophotometer, BET Surface Analyzer, Rheometer, and NMR. The faculty members are actively engaged in quality teaching, research, publications, and extension activities. The Department regularly organizes seminars, workshops, and conferences to promote academic growth and research culture among students and scholars.

Strength

- Qualified and experienced faculty with strong research backgrounds.
- State-of-the-art laboratories with advanced instruments.
- Consistent record of publications in reputed peer-reviewed journals.
- Active Ph.D. programme with successful doctoral research output.
- Regular organization of academic and extension activities.
- Strong student enrolment and progression at postgraduate and doctoral levels.
- Collaborations and MoU's with national and international institutions.

Next Year Plan (2025-26)



- Introduction of new interdisciplinary and skill-oriented courses.

- Enhancement of research facilities and addition of modern instrumentation.
- Submission of proposals for funded research projects and patents.
- Organization of an international conference on emerging trends in chemical sciences.
- Strengthening of industry-academia linkages for consultancy and placements.
- Development of digital resources in the departmental library.

1. Curricular Aspects

1.1 Curriculum Design and Development



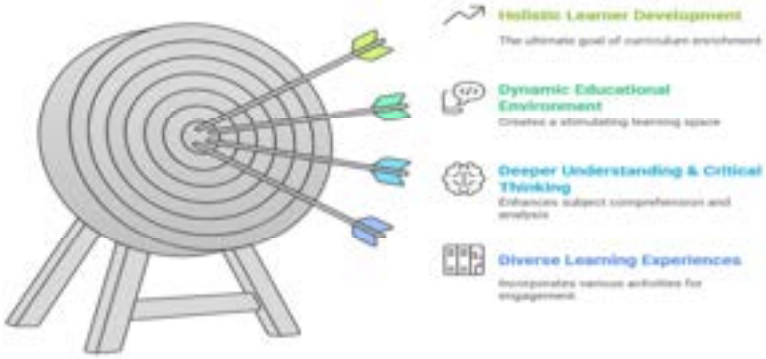
- Programmes offered: M.Sc. Chemistry, Ph.D. Chemistry.
- Curriculum developed in line with UGC guidelines, with inputs from faculty, students, and external experts.

1.2 Academic Flexibility



- Choice-Based Credit System (CBCS) implemented.
- Elective courses offered across specializations.

1.3 Curriculum Enrichment



- Green chemistry and sustainable practices incorporated.
- Workshops/seminars integrate latest advancements.

1.4 Feedback System

- Structured feedback mechanism from students, faculty, and alumni.
- Review conducted annually for curriculum improvement.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Current enrolment: 107 PG students.
- Admission through national-level entrance test ensures transparency and quality.

2.2 Catering to Student Diversity



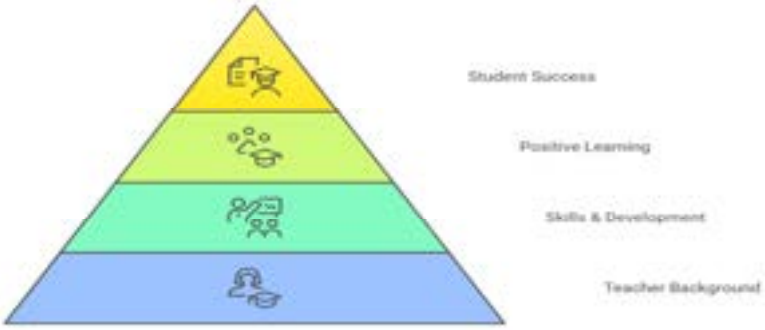
- Mentorship system for academic and personal guidance.
- Bridge courses and remedial support for slow learners.

2.3 Teaching-Learning Process



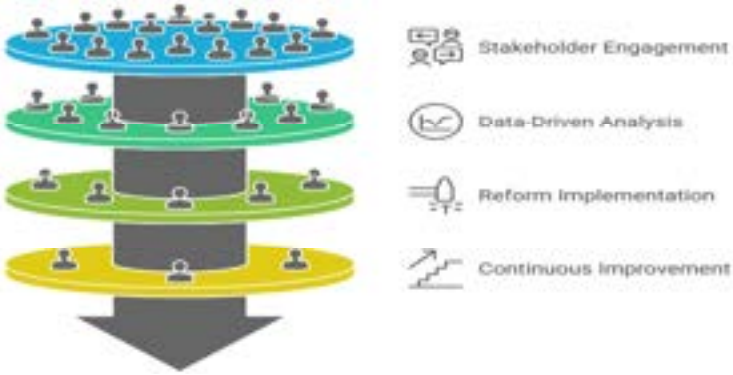
- ICT-enabled smart classrooms.
- Hands-on laboratory training with advanced instruments.

2.4 Teacher Profile and Quality



- Faculty strength: 7 (3 Professors, 2 Associate Professors, 2 Assistant Professors).
- Specialized in Medicinal Chemistry, Physical Chemistry, Nanomaterials, Sustainable Chemistry, and related areas.

2.5 Evaluation Process and Reforms



- Continuous internal assessments, seminars, practicals, and dissertations.

2.6 Student Performance and Learning Outcomes



- 4 Ph.D. degrees awarded.
- Several students qualified UGC/CSIR fellowships.

2.7 Student Satisfaction Survey

- High satisfaction levels reported, particularly regarding research facilities and faculty mentoring.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Department houses sophisticated instruments like NMR, FTIR, BET, Rheometer.
- Research support through fellowships and funded projects.

3.2 Resource Mobilization for Research



- Faculty engaged in externally funded research projects.

3.3 Innovation Ecosystem

- Research thrust areas: Nanomaterials, Green Chemistry, Medicinal Chemistry.

3.4 Research Publications and Awards



- 30+ publications in reputed journals.
- Faculty and students presented papers at national and international forums.

3.5 Consultancy

- Faculty provide expert guidance in chemical analysis and research collaborations.

3.6 Extension Activities

- Outreach activities include student participation in social awareness and environmental programs.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Well-equipped classrooms, seminar hall, and research labs.

4.2 Library as a Learning Resource

- Departmental library with books, journals, and digital access.

4.3 IT Infrastructure

- Smart classrooms with ICT tools.

4.4 Maintenance of Campus Infrastructure

- Annual maintenance of labs and instruments.

5. Student Support and Progression



5.1 Student Support

- Scholarships and fellowships (UGC/CSIR).

5.2 Student Progression

- Graduates progressing to research and higher education.

5.3 Student Participation and Activities

- Active participation in workshops, seminars, and science day celebrations.

5.4 Alumni Engagement

- Alumni network supports placements and research collaborations.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Commitment to excellence in chemical sciences education and research.

6.2 Strategy Development and Deployment

- Departmental meetings for curriculum planning and review.

6.3 Faculty Empowerment Strategies

- Opportunities for faculty development through FDPs and training.

6.4 Financial Management and Resource Mobilization

- Funding through research projects and university allocations.

6.5 Internal Quality Assurance System (IQAS)

- Regular review by IQAC and departmental committees.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Promotes environmental sustainability and green chemistry.

7.2 Best Practices

- Hands-on training in advanced instruments.
- Inclusion of sustainability concepts in curriculum.

7.3 Institutional Distinctiveness

- Strong focus on interdisciplinary and applied research.
- Integration of teaching, research, and extension activities.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Anjani Kumar Tiwari**
  Professor & Head, Department of Chemistry
  Specialization: Radiochemistry, Chemical Kinetics, Biomedical Sciences, Computer added drug design (CADD) and Medicinal Chemistry
  Qualification: M. Sc.; Ph. D.

- **Prof. Kaman Singh**
  Professor, Department of Chemistry
  Specialization: Physical Chemistry, Advance Surface Chemistry
  Qualification: M. Sc.; Ph. D.

- **Prof. Gajanan Pandey**
  Professor, Department of Chemistry
  Specialization: Materials Chemistry, Coordination Chemistry, Environmental Chemistry
  Qualification: M. Sc.; Ph. D

- **Dr. Jyoti Pandey**
  Associate Professor, Department of Chemistry
  Specialization: Sustainable green chemistry, biopolymer chemistry and bioorganic chemistry

Qualification: M. Sc.; Ph. D.

- **Dr. Shailesh Kumar**
  Associate Professor, Department of Chemistry
  Specialization: Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of Heterocyles of medicinal importance, Organocatalysis
  Qualification: M. Sc.; Ph. D.

- **Dr. Preeti Gupta**
  Assistant Professor, Department of Chemistry
  Specialization: Synthetic Organic Chemistry and Medicinal Chemistry
  Qualification: M. Sc.; Ph. D.

- **Dr. Jawahar Lal Jat**
  Assistant Professor, Department of Chemistry
  Specialization: Sustainable Organic Synthesis and Medicinal Chemistry
  Qualification: M. Sc., Ph. D.

8.2 Various Positions held in & out the Institution –

Prof. Kaman Singh

- Board of Postgraduate Studies, DoC, BBAU - Member
- Departmental of Research Committee - Member

Prof. Gajanan Pandey

- Board of Postgraduate Studies, DoC, BBAU - Member
- Departmental of Research Committee - Member
- Academic Council, BBAU, Lucknow - Member,
- Academic Council, Central Institute of Plastic Engineering and Technology (Ministry of Chemicals and Fertilizers, Govt. of India) Lucknow - Member
- Board of Studies and DRC, Department of Chemistry and Environmental Science, Madan Mohan Malviya Technological University, Gorakhpur - Member
- Board of Studies Mahatma Gandhi Central University, Bihar - Member
- Advisory/Expert Committee for Chemical and Pharmaceutical Sciences, Council of Science & Technology, U.P. - Member,
- School Board of Physical & Decision Science, BBAU, Lucknow - Member
- Board of Studies, MITS, Gwalior - Member
- Admission Committee, Department of Chemistry, BBAU, Lucknow- Member
- School of Engineering & Technology, BBAU, Lucknow - Worked as Coordinator,

Dr. Anjani Kumar Tiwari

- Board of Studies, SPDS, BBAU - Chairman
- Departmental of Research Committee Chairman
- Academic Council, BBAU, Lucknow - Member
- School Board of Studies, SPDS, BBAU - Member

- Visiting Professor, National Institutes for Quantum and Radiological Science and Technology - Commisoned
  Researcher

Dr. Jyoti Pandey

- School Board of Studies, SPDS, BBAU - Member
- Departmental of Research Committee - Member
- Admission Committee, Deptt. of Chemistry, BBAU, Lucknow - Member
- BSR, NIPER-Raebareli - Member
- Admission Monitoring Committee, BBAU, Lucknow - Member

Dr. Shailesh Kumar

- Board of Postgraduate Studies, Department of Chemistry, BBAU, Lucknow - Member
- Departmental of Research Committee, Department of Chemistry, BBAU, Lucknow- Member (Invitee)
- Admission Committee 2024-25, Department of Chemistry, BBAU, Lucknow - Member
- The Association of Chemistry Teachers - Life member
- The Indian Science Congress - Life member
- Vigyan Bharti Awadh Prant - Life member
- Member of Degree Screening, Verification and Distribution Committee for 10th Convocation of BBAU, 2022.
- IQAC, Department of Chemistry, BBAU - Coordinator
- NAAC committee Department of Chemistry, BBAU - Member

Dr. Preeti Gupta

- Board of Postgraduate Studies, DoC, BBAU (Invitee) - Member
- Departmental of Research Committee - Member
- School Board of Studies, SPDS, BBAU - Member
- Admission Committee Doc 2024-25 - Member
- Committee for Eminent Lecture Series - Member
- Committee for Basic Facilities for Women - Member

Dr. Jawahar Lal Jat

- Departmental of Research Committee - Member (Invitee)
- Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)
- Admission Committee, Doc, 2024-25 - Member
- USIC, Advisory Committee - Member
- R&D, Advisory Committee - Member
- IPR, Legal and Ethical related Committee (R&D cell) - Convener

- Assistant DSW (M) -- Member

8.3 Research Publications

- Upadhyay, D. D., Singh, S., Bahadur, I., Kabane, B., & Pandey, G. (2025). Green method produced efficient Z-scheme ZnS@ g-C3N4 heterojunction: LPG sensing and oxygen evolution. *International Journal of Hydrogen Energy*, *142*, 257-268.,
- Gautam, A. K., Shankhwar, R., Gupta, R. K., Srivastava, S. K., & Pandey, G. (2025). The study of the green synthesis of Co3O4 nanomaterials and Co3O4/Ce24Co11/CeO2 nanocomposites using Kigelia pinnata fruit extract and their antibacterial potential. *Journal of Molecular Structure*, *1327*, 141170.
- Saklani, M., Jha, C. B., Baidya, A. T., Singh, S., Kumar, R., Mathur, R., ... & Varshney, R. (2024). Laminin mimetic angiogenic and collagen peptide hydrogel for enhance dermal wound healing. *Biomaterials Advances*, *158*, 213761.
- Kharwar, A., Mishra, A., Singh, V. K., & Tiwari, A. K. (2024). In silico approach to design new cyclooxygenase-2 (COX-2) inhibitors based on MM/QM and ADMET analysis. *Chemical Physics Impact*, *8*, 100509.
- Srivastava, P., Kaul, A., Yadav, P., Ojha, H., & Tiwari, A. K. (2024). Design, synthesis, characterization and evaluation of methionine-ABO based TSPO ligand. *Journal of Molecular Structure*, *1310*, 138188.
- Mishra, A., Gond, C., Singh, V. K., & Tiwari, A. K. (2024). Exploring dimethoxy naphthalenyl methoxyphenyl quinazolinyl amine as a PDE10A inhibitor: In-silico studies, synthesis and binding interactions with serum albumin. *Journal of Molecular Liquids*, *412*, 125788.
- Gond, C., Kumar, N., Singh, V. K., Datta, A., & Tiwari, A. K. (2024). Exploring novel ligands for mGluR5: Design, computational analysis, and protein-ligand interaction studies. *Chemical Physics Impact*, *9*, 100691.
- Singh, P., Singh, V. K., Gond, C., Singh, D., & Tiwari, A. K. (2025). Current advances in the structure–activity relationship (SAR) analysis of the old/new 18-kDa translocator protein ligands. *Molecular Diversity*, *29*(3), 2639-2689.
- Gond, C., Kumar, N., Mishra, A., Daksh, S., Singh, V. K., Datta, A., & Tiwari, A. K. (2025). Targeted delivery of mGluR1 ligand RMGOH via lipid nanoparticles: a novel approach for enhancing CNS drug accessibility. *New Journal of Chemistry*.
- Singh, V. K., Azad, P., & Tiwari, A. K. (2025). Computational analysis of new generation TSPO ligands. *Discover Molecules*, *2*(1), 3.
- Kumari, N., Adhikari, A., Bhagat, S., Mishra, A. K., & Tiwari, A. K. (2025). Benzoxazolone-based FITC-conjugated fluorescent probe for locating in-vivo expression level of translocator protein (TSPO) during lung inflammation. *Molecular Diversity*, 1-14.
- Gond, C., Kumar, N., Mishra, A., Daksh, S., Datta, A., & Tiwari, A. K. (2025). Rational computational Design of new-Generation EGFR tyrosine kinase (EGFR-TK) inhibitors. *Results in Chemistry*, *15*, 102239.
- Singh, D., Singh, V. K., Kumari, N., Ojha, H., & Tiwari, A. K. (2025). Exploring the Binding Mechanism of 5-HT7 Specific Benzoxazolone alkyl Piperazinium Derivatives:

A Comprehensive Analysis Using Spectroscopic and Computational Approaches. *Journal of Fluorescence*, *35*(6), 4491-4511.

- Gond, C., Daksh, S., Mishra, A., Kumar, N., Datta, A., & Tiwari, A. K. (2025). Exploring the binding dynamics of anticancer dihydropyrimidinone derivatives with serum albumin: a multispectral approach. *Chemical Physics Impact*, *10*, 100851.
- Singh, P., Singh, V. K., Gond, C., Singh, D., & Tiwari, A. K. (2025). Current advances in the structure–activity relationship (SAR) analysis of the old/new 18-kDa translocator protein ligands. *Molecular Diversity*, *29*(3), 2639-2689.
- Singh, V. K., Azad, P., & Tiwari, A. K. (2025). Computational analysis of new generation TSPO ligands. *Discover Molecules*, *2*(1), 3.
- Kumari, N., Adhikari, A., Bhagat, S., Mishra, A. K., & Tiwari, A. K. (2025). Benzoxazolone-based FITC-conjugated fluorescent probe for locating in-vivo expression level of translocator protein (TSPO) during lung inflammation. *Molecular Diversity*, 1-14.
- Gond, C., Kumar, N., Mishra, A., Daksh, S., Datta, A., & Tiwari, A. K. (2025). Rational computational Design of new-Generation EGFR tyrosine kinase (EGFR-TK) inhibitors. *Results in Chemistry*, *15*, 102239.
- Singh, D., Singh, V. K., Kumari, N., Ojha, H., & Tiwari, A. K. (2025). Exploring the Binding Mechanism of 5-HT7 Specific Benzoxazolone alkyl Piperazinium Derivatives: A Comprehensive Analysis Using Spectroscopic and Computational Approaches. *Journal of Fluorescence*, *35*(6), 4491-4511.
- Kharwar, A., Verma, A., & Tiwari, A. K. (2025). In Silico study of PDE10A inhibitors for schizophrenia: molecular docking, ADMET and DFT analysis. *Discover Chemistry*, *2*(1), 151.
- Khanam, H., Singh, R., Kanchan, P., Fatma, S., Mishra, A., Bishnoi, A., & Pandey, J. (2025). Synthesis and DFT studies of novel ethyl 2-((4, 6-bis ((E)-3, 4-dimethoxystyryl) pyrimidin-2-yl) oxy) acetate. *Next Materials*, *8*, 100659.
- Khanam, H., Parveen, S., Gautam, A. K., Gupta, A. K., Banerjee, M., Pandey, J., ... & Gautam, Y. (2025). Synthesis, Crystallographic, Spectroscopic, Quantum Chemical Studies and Anticancer Activity of Novel Pyrazoline Derivative. *Journal of Molecular Structure*, 142742.
- Khanam, H., Pandey, J., Singh, B. D., Fatma, S., Pathak, A., Sharma, A., ... & Bishnoi, A. (2025). Synthesis and photophysical properties of D-π-A-π-D 2-hydroxy-4, 6-bis-(arylvinyl)-pyrimidines based push-pull fluorophores: DFT studies and antibacterial activity. *Journal of Molecular Structure*, *1338*, 142334.
- Gupta, N., Pandey, D., Pandey, J., Naqvi, S., & Sharma, A. (2025). Terpyridine-Based Fluorescent Sensors: Investigating the Analytical Properties for Diverse Applications. *Critical Reviews in Analytical Chemistry*, 1-26.
- Dansena, C., Chaudhran, P. A., Vinayak, B. P., Gupta, P., Arora, T., Parkash, J., ... & Sharma, A. (2025). Design, Synthesis, Bio-evaluation, Molecular Docking and Simulation Study of Tetrazole-thiazole Hybrids as anti-Alzheimer's Agents. *Chemistry Africa*, 1-13.

- Mishra, A., Kaur, L., Sharma, M., Sharma, P., Murab, S., Ojha, H., ... & Pathak, M. (2025). Magnetic biochar from marigold floral waste: Synthesis, characterization, and adsorptive removal of methylene blue. *Journal of Molecular Structure*, 142657.
- Ali, B., Pandey, P., Pandey, J., & Mishra, A. (2025). Pyrimidine analog effect on health and nutritional value of freshwater Stinging Catfish Heteropneustes fossilis. *Journal of Aquatic Animal Health*, *37*(1), 11-20.
- Ali, B., Sharma, N., Gautam, R. K., & Mishra, A. (2025). Effects of pyrimidine on cellular and neuronal arrangement, oxidative stress and energy content in the brain of the freshwater catfish, Heteropneustes fossilis. *Fish Physiology and Biochemistry*, *51*(2), 1-14.
- Rijwan, S. K., & Kumar, S. (2025). Green and sustainable approaches in the synthesis of pharmaceutically relevant quinazolinones. *TETRAHEDRON*, *172*.
- Divedi, A., Verma, S., Chandra, D., Bhargav, S., Verma, V. P., & Jat, J. L. (2025). Metal-Free Direct Synthesis of Secondary Amides and Nitriles Using O-(2-Pyrimidinyl) -N-Boc Hydroxylamine. *European Journal of Organic Chemistry*, *28*(8), e202401229.

  Kumar, P., Divedi, A., Chandra, D., Ranjan De, S., & Jat, J. L. (2024). Hydroxylamine-O-Sulfonic Acid (HOSA): A Recent Synthetic Overview. *ChemistrySelect*, *9*(35), e202401805.

8.3.1 Research Articles

8.3.2 Books / Edited Books

- Hitkari, G., Singh, S., Pandey, G. Nanoparticles: An Emerging Weapon for Mitigation/Removal of Various Environmental Pollutants for Environmental Safety. In: Bharagava, R., Chowdhary, P. (eds) Emerging and Eco-Friendly Approaches for Waste Management, 359–395, 2019 Springer, Singapore.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Hitkari, G., Singh, S., Pandey, G. Nanoparticles: An Emerging Weapon for Mitigation/Removal of Various Environmental Pollutants for Environmental Safety. In: Bharagava, R., Chowdhary, P. (eds) Emerging and Eco-Friendly Approaches for Waste Management, 359–395, 2019 Springer, Singapore.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Gajanan Pandey

- Delivered invited lecture National Conference on Advances in Solid State Chemistry and Materials: Emphasis to Atmospheric Chemistry (ASSCM-2025): July 18-20, 2025.
- 16th International Conference on Advancement in Petrochemical Sector & Empowering Sustainability Development leading to “Viksit Bharat” CIPET, Lucknow, U.P.

Dr Jyoti Pandey

- Invited lecture: Delivered a lecture as invited speaker on the topic “Synthesis, characterization and multifaceted applications of polysaccharide-based biopolymers” in Seminar cum Laboratory Training/Workshop on “Applications of basic and advanced techniques in human diseases and interdisciplinary research in life sciences” organized

by Molecular and Human Genetics Laboratory, Department of Zoology, University of Lucknow 27th Feb- 03rd March 2025.

- Invited lecture: Delivered a lecture as invited speaker on the topic "Polysaccharide-based biopolymers: synthesis, characterization and their applications" in 16th International Conference on Advancement in Petrochemical Sector and Empowering Sustainable Development leading to "Vikshit Bharat"-APM 2025, organized by CIPET: IPT-Lucknow during 08-10th March 2025.
- Invited lecture: Delivered a lecture as invited speaker on the topic "Polysaccharide-based biopolymers: Isolation, modification, characterization and their applications" in International Conference on Frontier Areas of Chemistry, organized by Mahatma Gandhi Central University, Motihari, Bihar during 19-20th March 2025.

Dr. Shailesh Kumar

- Participated in the ONE-DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS AWARENESS 2025 (IPR 2025) 06th February, 2025 Organized by IPR, Legal and Ethical Related Committee (R & D Cell) Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow
- Invited speaker in the International Conference on Frontier Areas of Chemistry (ICFAC-2025) held on March 19-20, 2025 at Mahatma Gandhi Central University, Motihari (East Champaran) Bihar-845401, India
- Co-convener in the National Conference on Green and Sustainable Approaches in Chemical Science (GSACS-2025) 24-25 March, 2025 Organized by Department of Chemistry Babasaheb Bhimrao Ambedkar University, Lucknow
- Chairperson of the session in the National Conference on Green and Sustainable Approaches in Chemical Science (GSACS-2025) 24-25 March, 2025 Organized by Department of Chemistry Babasaheb Bhimrao Ambedkar University, Lucknow

Dr Jawahar Lal Jat

- Invited lecture: Delivered a lecture as invited speaker on "Amidation of Enones" at two days international conference "Modern Aspects of Green and Sustainable Organic Synthesis" held on 28th-29th Nov 2024 at Department of Chemistry, Shiv Nadar Institute of Eminence, Delhi-NCR.
- Invited lecture: Delivered a lecture as invited speaker on "Innovative Approaches to Amidation: Beckmann Rearrangement as a Startups Secret Weapon" at Éminent Lecture on Innovation & Startup held on 19th Dec. 2024 at Institute of Pharmaceutical Sciences, Universirt of Lucknow, U.P.
- Invited lecture: Delivered a lecture as invited speaker on "Metal Free Amidation of Ketones Using N-Boc-O-tosylhydroxylamine Reagent" at International Conference on Multidisciplinary Approaches to Chemical Sciences (InCoMACS-2024) held on 24th-29th Oct. 2024 at National P.G. College, Lucknow, U.P.
- Invited speaker in the International Conference on Frontier Areas of Chemistry (ICFAC-2025) held on March 19-20, 2025 at Mahatma Gandhi Central University, Motihari (East Champaran) Bihar-845401, India.

Other Activities by Department

- Two-week Training program on "Hands-On Training in Advanced Spectroscopic Techniques and NMR Instrumentation" 26th September to 9th October, 2024 held at

Department of Chemistry, BBAU, Lucknow (Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Shailesh Kumar).

- Two-days National conference on "Green sustainable approaches in chemical sciences" 24-25 March 2025 held at Department of Chemistry, BBAU, Lucknow (Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Jyoti Pandey).

8.3.5 Research Supervision

8.3.5.1 On-going Supervision

Prof. Gajanan Pandey

- Chandan Sharma has enrolled for a Ph.D with the thesis titled "Fabrication of Inorganic-Organic Hybrid Nanocomposites and their Applications in Photoelectrochemical Water Splitting and Degradation of Organic Pollutants".
- Nitika has enrolled for a Ph.D with the thesis titled "Synthesis of Heterojunction Nanocomposites and its Applications in Photocatalysis".
- Srishti Dwivedi has enrolled for a Ph.D with the thesis titled "Nanocatalysts: Fabrication, Structure Eluciadation & Its Applications in Stereoselective Organic Transformations".

Prof. Anjani Kumar Tiwari

- Ashutosh Kharwar has enrolled for a Ph.D with the thesis titled "Design and evaluation of novel markers for specific rceptors".
- Akanksha Verma has enrolled for a Ph.D with the thesis titled "Innovative cheminformatic studies and metal-based approaches for biological/allied applications".
- Akanksha Mishra enrolled for a Ph.D with the thesis titled" Design, synthesis and biological evaluation of specific probes for CNS receptos".
- Ms. Sonam has enrolled for a Ph.D with the thesis titled "Design and Development of Pentapeptide-Polymer Conjugates as Advanced Biomaterials for Wound Healing".
- Mr. Raghuvendra Singh Yadav Sonam has enrolled for a Ph.D with the thesis titled "Design and Mechanistic Investigation of Novel Chemical Entities for Therapeutic Applications.".

Dr. Jyoti Pandey

- Ms. Preeti Kanchan has enrolled for a Ph.D with the thesis titled "Modification of polysaccharide-based materials: Synthesis, characterization and applications"
- Ms. Ruchi Singh has enrolled for a Ph.D with the thesis titled "Synthesis and characterization of biopolymer-based hydrogels and their application".
- Ms. Kajal has enrolled for a Ph.D with the thesis titled "DESIGN AND DEVELOPMENT OF POLYSACCHARIDE-BASED NANOMATERIALS FOR DIVERSE APPLICATIONS".

Dr. Shailesh Kumar

- Mariyam Akhtar has enrolled for a Ph.D. with the thesis titled "SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL APPLICATIONS OF CHITOSAN BASED".

Dr. Jawahar Lal Jat

- Ashirwad Diwedi has enrolled for a Ph.D. with the thesis titled "Development of new synthetic methodology for the synthesis of nitrogen containing compound using aminating agents and their bioevaluation".
- Shivam Bhargav enrolled for a Ph.D. with the thesis titled "Development of Novel synthetic Methodologies for the Synthesis of N and O-Containing Motifs Using Electrophilic Hydroxylamine".

Dr. Preeti Gupta

- Akash Singh has enrolled for a Ph.D. with the thesis titled "DESIGN, SYNTHESIS AND BIOLOGICAL STUDIES OF NOVEL THIADIAZOLE-BASED TRIAZOLE HYBRIDS".

8.3.5.2 Ph.D. Awarded

Prof. Kaman Singh

- Ph.D. awarded to Mr. Utkarsh Dixit on the thesis titled "ADSORPTION EQUILIBRIUM STUDIES OF DYE ADSORPTION ONTO MODIFIED ADSORBENTS".
- Ph.D. awarded to Mr. Presenjit on the thesis titled "Evaluation of Schiff base of d and f block elements for biological activities".

Prof. Gajanan Pandey

- Ph.D. awarded to Ms. Snigdha on the thesis titled "Green synthesis, characterization and catalytic activity of nanoscale materials".
- Ph.D. awarded to Mr. Anil Kumar Gautam on the thesis titled "Green synthesis of nanomaterials/nanostructures and their cytotoxicity and antibacterial evaluation".

Prof. Anjani Kumar Tiwari

- Ph.D. awarded to Mr. Chandraprakash Gond on the thesis titled "Cheminformatics' (QSAR & Docking) Study for Screening of Novel Ligands for Neuro/Onco Targets".
- Ph.D. awarded to Mr. Vijay Kumar Singh on the thesis titled "Synthesis and Biological Evaluation of Purinergic Receptor Ligands".
- Ph.D. awarded to Ms. Meenakshi Saklani on the thesis titled "Peptidic agent for angiogenesis".

Dr. Jyoti Pandey

- Ph.D. awarded to Mr. Bal Dev Singh on the thesis titled "Development of new chemotherapeutic agents based on aromatic and heterocyclic scaffolds".
- Ph.D. awarded to Ms Ayushi Mishra on the thesis titled "Relevance of Adsorption Models for The Removal of Carcinogenic Pollutants by Modified Adsorbents".

8.3. 6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	31
3.	Total number of publications in conference proceedings	0
4.	Total number of workshops/conferences/seminars/etc organized by Department	04
5.	Total number of PhD degree awarded by Department	9
6.	Total number of PG students	107
7.	Total number of UG students	NA
8.	Total number of diploma/certificates students (if any)	NA
9.	Total number of students placed	
10	Total number of Award and Medals	
11	Total number of Patents/copyright filed/granted	01
12	Total number of sponsored research project sanctioned	
13	Total number of consultancy projects sanctioned	
14	Total number of MOOCs courses developed	
15	Total number of MOOCs courses completed by students	
16	Total number of students qualifying National level examinations	
17	Total number of total number of students opted for higher studies	

Department of Mathematics

About the Department

The Department of Mathematics was established in July 2010 as part of the School of Physical Sciences and renamed in 2017. It offers **M.Sc. Mathematics** and **Ph.D. Mathematics** programs. The department focuses on quality teaching, research, and training in areas like **Fluid Mechanics, Nanofluids, Cryptography, Number Theory, Algebra, Wavelet Analysis, and Complex Dynamics**. It has produced **20 Ph.D. graduates** and more than **90 PG students**, with strong emphasis on research publications, funded projects, and patents.

Strength

- Well-qualified faculty with Ph.D. from reputed institutions (IITs, BHU, DU, Pune).
- Active research culture with **publications in Scopus/SCI journals** and books with Springer, CRC Press, Elsevier, Wiley.
- International recognition (faculty ranked in **top 2% scientists globally** by Stanford University).
- **52 international publications (2024–25)** and **UGC/NBHM funded research projects**.
- Research patent: *Temperature Controlled Medical Box* (2024).
- Departmental library, smart classroom, and ICT-enabled infrastructure.
- Strong student progression: NET/JRF/SRF awards, higher education, and placements.

Next Year Plan (2025-26)



- Start a **new specialization in Applied Mathematics** with focus on Artificial Intelligence, Data Science, and Mathematical Modelling.
- Enhance **industry and international collaborations** for joint research and consultancy.
- Organize **International Conference/Workshop** in Cryptography and Fluid Mechanics.
- Strengthen alumni network through a **formal Alumni Association**.
- Propose **new research projects to DST/UGC/CSIR** for funding.
- Introduce **career guidance and placement cell activities** for M.Sc. students.
- Expand infrastructure with **advanced computing lab and more e-resources**.

1. Curricular Aspects

1.1 Curriculum Design and Development



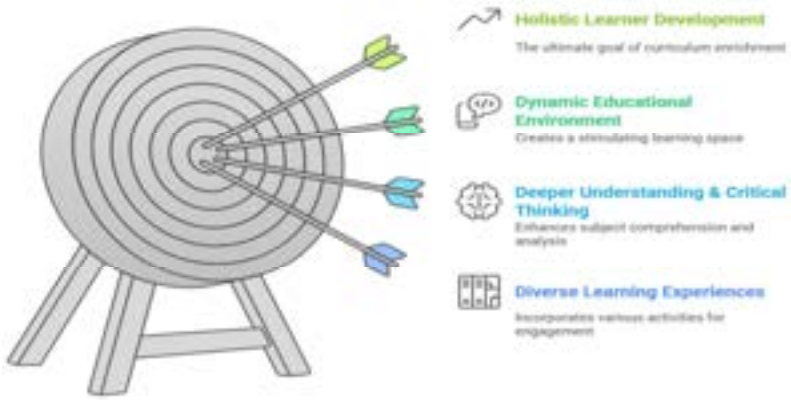
- Department established in July 2010, renamed as Department of Mathematics in 2017.
- Programmes offered: M.Sc. Mathematics, Ph.D. Mathematics.
- Curriculum designed in line with UGC guidelines and regularly updated to include emerging areas (e.g., Cryptography, Mathematical Modelling, Complex Dynamics).

1.2 Academic Flexibility



- M.Sc. and Ph.D. programmes provide scope for specialization in diverse areas: Fluid Mechanics, Nanofluids, Wavelet Analysis, Cryptography, Number Theory, Complex Dynamics, etc.

1.3 Curriculum Enrichment



- Integration of research projects and advanced electives.
- ICT-enabled teaching through Smart Classrooms and Computer Lab.

1.4 Feedback System

- Feedback taken from students and incorporated in curriculum development (formal system at university level).

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Total PG students: 93
- Ph.D. students: 20+ (awarded/ongoing)

2.2 Catering to Student Diversity



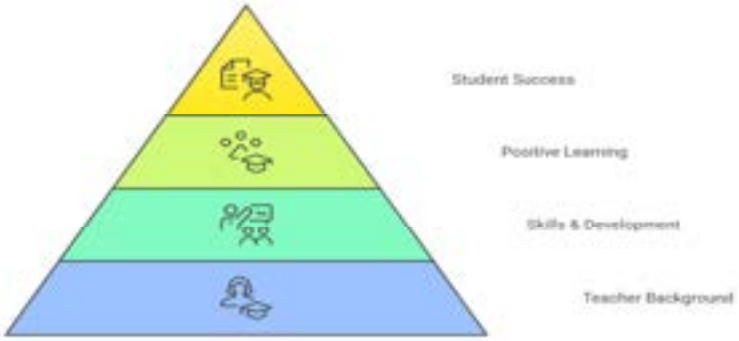
- Students admitted through national-level entrance examinations.
- Support for diverse academic backgrounds via bridge courses and mentoring.

2.3 Teaching-Learning Process



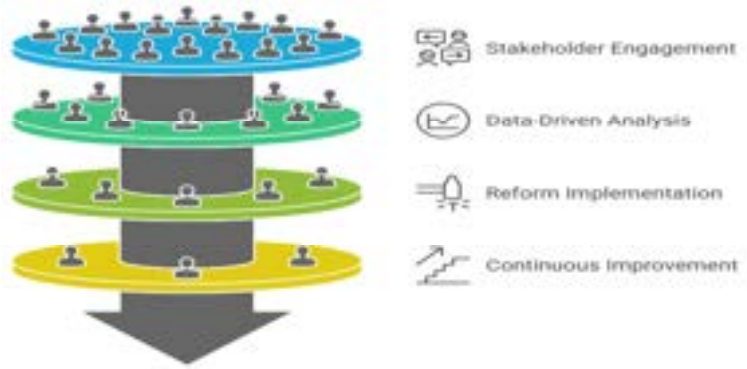
- ICT-enabled teaching (Smart Classroom, Departmental Library, ICT facilities).
- Faculty with expertise in research-led teaching.

2.4 Teacher Profile and Quality



- 7 faculty members (Professors and Assistant Professors).
- Faculty with Ph.D. from reputed institutions (IIT Roorkee, BHU, University of Pune, Delhi University).
- Internationally recognized researchers with projects (NBHM, UGC).

2.5 Evaluation Process and Reforms



- Continuous internal assessment with end-semester examinations.

2.6 Student Performance and Learning Outcomes



- 20 Ph.D. scholars awarded doctorate degrees.
- Students cleared NET/JRF and secured fellowships.

2.7 Student Satisfaction Survey

- Conducted at university level.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Dedicated research in Fluid Mechanics, Nanofluids, Algebra, Cryptography, Complex Dynamics.
- Ph.D. programme actively running.

3.2 Resource Mobilization for Research



- Research projects funded by UGC and NBHM.

3.3 Innovation Ecosystem

- Patent: *Temperature Controlled Medical Box* (Dr. Mukesh Kumar Awasthi, 2024).

3.4 Research Publications and Awards



- 52 International publications (2024–25).
- Books with CRC Press, Wiley, Springer, Elsevier.
- Faculty ranked among top 2% scientists globally (Stanford University study).

3.5 Consultancy

- NA

3.6 Extension Activities

- NA

3.7 Collaboration

- Research publications with international collaborations (USA, Oman, etc.).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Departmental Library
- Computer Laboratory
- Smart Classroom

4.2 Library as a Learning Resource

- Departmental library with reference materials, ICT-enabled resources.

4.3 IT Infrastructure

- ICT facilities, smart classrooms, computing facilities for research.

4.4 Maintenance of Campus Infrastructure

- Maintained by university; department ensures upkeep of facilities.

5. Student Support and Progression



5.1 Student Support

- Fellowships: UGC-JRF, CSIR-SRF, Non-NET fellowships.

5.2 Student Progression

- 37 PG students completed degree.
- 2 pursuing higher studies.
- 1 employed in govt. sector.

5.3 Student Participation and Activities

- Students participate in national/international conferences.

5.4 Alumni Engagement

- Informal alumni interaction; structured system in development.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Strong focus on teaching excellence and research advancement.

6.2 Strategy Development and Deployment

- Expansion of research areas (Nanofluids, Cryptography, Algebra, Environmental Modelling).

6.3 Faculty Empowerment Strategies

- Faculty encouraged for international collaborations, research projects, and training programmes.

6.4 Financial Management and Resource Mobilization

- NBHM project (2023–2026) worth ₹3.75 lakh.

6.5 Internal Quality Assurance System

- NAAC-driven reforms and periodic review of curriculum and research.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Faculty delivering invited lectures and contributing to knowledge dissemination.

7.2 Best Practices

- Strong research culture: publications in Scopus/SCI indexed journals.
- Faculty members with global rankings (Top 2% scientists).

7.3 Institutional Distinctiveness

- Department recognized for advanced research in **Nanofluids, Cryptography, Wavelet Analysis, Algebra, Complex Dynamics**.
- High-quality Ph.D. guidance with consistent doctoral output.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Beer Singh Bhadauria**
  Senior Professor
  Qualification: M.Sc., JRF (NET), Ph.D., D.Sc.

Specialisation: Fluid Mechanics, Nanofluids, Mathematical Modelling, Numerical Methods

- **Prof. Sunil Kumar Singh**
  Professor
  Qualification: M.Sc., Ph.D. (BHU, Varanasi)
  Specialisation: Wavelet Analysis, Integral Transforms, Distribution Theory

- **Prof. Jagmohan Tanti**
  Professor and Head of Department
  Qualification: Ph.D. (University of Pune)
  Specialisation: Algebra, Number Theory

- **Dr. Brajesh Kumar Singh**
  Assistant Professor
  Qualification: Ph.D. (IIT, Roorkee)
  Specialisation: Cryptography

- **Dr. Maitri Verma**
  Assistant Professor
  Qualification: M.Sc., M.Phil., Ph.D. (BHU, Varanasi)
  Specialisation: Mathematical Modeling of Environmental and Ecological Systems

- **Dr. Mukesh Kumar Awasthi**
  Assistant Professor
  Qualification: M.Sc., JRF (NET), Ph.D. (IIT, Roorkee)
  Specialisation: Interfacial Instability, Heat and Mass Transfer, Magnetohydrodynamics

- **Dr. Gopal Datt**
  Assistant Professor
  Qualification: M.Sc., JRF (NET), Ph.D. (University of Delhi)
  Specialisation: Analysis of One and Several Complex Variables, Complex Dynamics

8.2 Various Positions held in & out the Institution –

Prof. Beer Singh Bhadauria

- Life Member of several professional societies including:
  Forum for Interdisciplinary Mathematics (USA), Indian Mathematical Society (IMS), Indian Science Congress, Indian Society of Mathematics and Mathematical Sciences (ISMAMS), Calcutta Mathematical Society, Gwalior Academy of Mathematical Sciences, Indian Academy of Mathematics, VijnanaParishad of India, etc.

Prof. Sunil Kumar Singh

- Life Member of the Mathematical Society, Banaras Hindu University, Varanasi

Prof.Jagmohan Tanti

- Head, Department of Mathematics, BBAU, Lucknow
- Principal Investigator, NBHM Project (Rs. 3,75,000)
- Life Member, *Indian Mathematical Society* and *The Mathematics Consortium*

Dr.MaitriVerma

- Life Member of *Indian Mathematical Society*, *Indian Science Congress Association*, *Biomathematical Society of India*, and *Indian Society for Mathematical Modeling and Computer Simulation*

Dr.Mukesh Kumar Awasthi

- Member, *School Board, School of Physical and Decision Sciences, BBAU, Lucknow*
- Life Member of *International Association of Engineers (IAENG)* and *International Association of Computer Science and Information Technology (IACSIT)*

Dr. Gopal Datt

- Member, *Board of Post Graduate Studies (BPGS)* and *Board of Under Graduate Studies (BUGS)*, BBAU, Lucknow
- Life Member, *Ramanujan Mathematical Society*, *Indian Mathematical Society (Affiliated with American Mathematical Society)*

8.3 Research Publications

8.3.1 Research Articles

- Ismail and B. S. Bhadauria, "Effect of thermal instability on heat transfer of micropolar nanofluid saturated in porous medium with rotation," *Numerical Heat Transfer, Part B*, vol. 86, no. 1, pp. 43–68, 2025.
- Ismail, B. S. Bhadauria, and A. Srivastava, "Effect of three types of magnetic field modulation on the instability of heat transfer in micropolar nanofluid filled within Hele-Shaw cell," *Numerical Heat Transfer, Part A*, vol. 86, no. 8, pp. 2219–2243, 2025.
- Shilpee, B. S. Bhadauria, A. Kumar, and A. Srivastava, "Effect of internal heating/cooling on heat transfer using different types of gravity/magnetic modulations in (H_2O + CuO) nanofluid saturated with porous media," *Numerical Heat Transfer, Part B: Fundamentals*, vol. 86, no. 5, pp. 1483–1505, 2025.
- Shilpee and B. S. Bhadauria, "Combined effect of local thermal nonequilibrium and gravity modulation on thermal instability in micropolar nanofluid saturated porous media," *Journal of Porous Media*, vol. 27, no. 2, pp. 81–99, 2024.
- Ismail, B. S. Bhadauria, and A. Srivastava, "Effect of rotation on thermal instability under Hele-Shaw cell saturated by Casson nanofluid," *International Journal of Modern Physics B*, vol. 38, no. 29, p. 2450405, 2024.
- Ismail, B. S. Bhadauria, A. Kumar, S. K. Rawat, and M. Yaseen, "Thermal instability of tri-hybrid Casson nanofluid with thermal radiation saturated porous medium in different enclosures," *Chinese Journal of Physics*, vol. 87, pp. 710–727, 2024.
- B. S. Bhadauria, M. Yaseen, S. K. Rawat, and M. Pant, "Designing machine learning-based intelligent network for assessment of heat transfer performance of ternary hybrid nanofluid flow between a cone and a disk: Case of MLP feed-forward neural network," *Computers & Mathematics with Applications*, vol. 169, pp. 17–38, 2024.
- Shilpee, B. S. Bhadauria, and A. Kumar, "Study of heat transfer in trihybrid nanofluid ($Cu/Ag/Al_2O_3$ with H_2O) in Hele-Shaw cell and square enclosure with throughflow," *Numerical Heat Transfer, Part A: Applications*, pp. 1–24, 2024.
- P. Singh, J. Kumar, and B. S. Bhadauria, "Weakly non-linear stability analysis of g-jitter induced Rayleigh–Bénard convection under inclined surfaces," *Chinese Journal of Physics*, vol. 91, pp. 525–537, 2024.
- Shilpee, B. S. Bhadauria, and A. Srivastava, "Study of heat/mass transfer of trihybrid nanofluid (($Cu+Ag+Al_2O_3$) +H_2O (base fluid)) in Hele-Shaw cell with through-flow," *Journal of Nanofluids*, vol. 13, pp. 940–953, 2024.
- A. Kumar, B. S. Bhadauria, and S. N. Rai, "Thermal instability on heat and mass transfer of Oldroyd-B nanofluid with several types of gravity modulation in various enclosures," *Chinese Journal of Physics*, vol. 92, pp. 564–578, 2024.
- A. Kumar, S. K. Singh, and S. K. Singh, "A note on Moritoh transforms," *Creative Mathematics and Informatics*, vol. 33, no. 2, 2024.

- D. Lhamu, S. K. Singh, and C. P. Pandey, "The continuous quaternion wavelet transforms on function spaces," *Boletim da SociedadeParanaense de Matemática*, vol. 42, 2024.
- J. Saikia, C. P. Pandey, and S. K. Singh, "The continuous wavelet transforms for a Laguerre type operator on the half line," *Boletim da SociedadeParanaense de Matemática*, vol. 42, 2024.
- A. Kumar, S. K. Singh, and S. K. Singh, "The octonionicMoritoh transform on octonionic function spaces," *Russian Mathematics (IzvestiyaVysshikhUchebnykhZavedenii. Matematika)*, no. 2, pp. 61–73, 2025.
- D. Lhamu, A. Das, and S. K. Singh, "The continuous quaternion wavelet transforms on distribution spaces," *Rendiconti del CircoloMatematico di Palermo*, Ser. 74, 21, 2025.
- A. Kumar, S. K. Singh, and S. K. Singh, "The octonionicripplet transforms: a mathematical perspective," *Journal of Pseudo-Differential Operators and Applications*, vol. 16, 2025.
- J. Tanti, "Computations for invariant bilinear forms under an invertible linear transformation: an expository article," *Contemporary Mathematics*, AMS, vol. 811, pp. 201–208, 2025.
- D. Yadav, M. K. Awasthi, R. Ragoju, K. Bhattacharyya, A. Mahajan, and J. Wang, "Impact of viscous dissipation, through flow and rotation on the thermal convective instability of Jeffrey fluid in a porous medium layer," *European Journal of Mechanics / B Fluids*, vol. 109, pp. 55–65, 2025.
- D. Yadav, M. K. Awasthi, R. Ragoju, K. Bhattacharyya, R. Kodi, M. Hassan, and J. Wang, "Impact of temperature-reliant thermal conductivity and viscosity variations on the convection of Jeffrey fluid in a rotating cellular porous layer," *Proceedings of the Royal Society A*, vol. 480, no. 2301, 2024.
- R. Asthana, Z. Uddin, M. K. Awasthi, A. Bhardwaj, and W. Ibrahim, "Instability and sensitivity analysis of streaming nanofluid–air interface," *Journal of Computational and Applied Mechanics*, vol. 55, pp. 663–682, 2024.
- M. K. Awasthi, A. K. Shukla, and P. Pandey, "Rayleigh–Taylor instability in a Casson fluid layer with heat and mass transfer," *Physics of Fluids*, vol. 36, p. 102132, 2024.
- N. Dutt, A. Hedau, A. Kumar, M. K. Awasthi, and V. P. Singh, "Effect of duct length variation on solar air heater performance for smooth and D-shaped roughened absorber plate," *Heat Transfer*, vol. 53, no. 7, pp. 3902–3930, 2024.
- R. Srija, A. K. Singh, M. K. Awasthi, D. Yadav, and S. B. Nair, "Instability analysis of swirling cylindrical Rivlin-Ericksen viscoelastic fluid–viscous fluid interface with heat and mass transfer," *International Journal of Modern Physics B*, vol. 38, no. 31, p. 2450416, 2024.
- M. K. Awasthi, A. K. Shukla, A. Kumar, D. Yadav, and N. Dutt, "Viscous correction to the potential flow analysis of Rayleigh–Taylor instability in a Rivlin–Ericksen viscoelastic fluid layer with heat and mass transfer," *Heat Transfer*, vol. 53, pp. 3072–3088, 2024.
- D. Yadav, M. K. Awasthi, R. Ragoju, K. Bhattacharyya, R. Kodi, and J. Wang, "The impact of rotation on the onset of cellular convective movement in a Casson fluid saturated permeable layer with temperature-dependent thermal conductivity and viscosity deviations," *Chinese Journal of Physics*, vol. 91, pp. 262–277, 2024.
- A. S. Rana, S. Gupta, S. K. Garg, V. Kumar, and M. K. Awasthi, "Irrotational flow analysis of Rayleigh–Taylor instability in nanofluid layer with tangential magnetic field," *Applied and Computational Mechanics*, vol. 18, pp. 111–124, 2024.
- D. Yadav, M. K. Awasthi, A. M. Mohamad, R. Ragoju, K. Bhattacharyya, and M. Hassan, "The onset of Casson fluid convection in a permeable medium layer produced by purely inner heating with magnetic field," *Journal of Computational and Applied Mechanics*, vol. 55, pp. 340–354, 2024.

- D. Yadav, M. K. Awasthi, A. Kumar, and N. Dutt, "Swirling capillary instability of Rivlin–Ericksen liquid with heat transfer and axial electric field," *Physics*, vol. 6, pp. 828–844, 2024.
- R. Srija, A. K. Singh, M. K. Awasthi, and D. Yadav, "Impact of swirling on capillary instability of Walter's B viscoelastic fluid–viscous fluid interface with heat and mass transfer," *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, vol. 238, no. 11, pp. 5359–5368, 2024.
- G. Datt, "On Lappan's five-valued theorem for φ-normal functions of several variables," *Ukrainian Mathematical Journal*, vol. 74, pp. 1463–1470, 2023.
- G. Datt, "Improvements to the Montel–Carathéodory theorem for families of P^n-valued holomorphic curves," *Complex Variables and Elliptic Equations*, 2024.
- M. Verma and A. K. Verma, "Mathematical modeling and analysis of emission and mitigation of methane from the integrated rice–livestock farming system," *Mathematical Medicine and Biology: A Journal of the IMA*, 2025.
- M. Verma, K. K. Tripathi, and A. K. Misra, "Modeling the effects of psychological fear, TV and social media advertisements on the control of infectious diseases," *Journal of Biological Systems*, vol. 33, pp. 553–592, 2025.
- M. Verma and A. K. Verma, "Modeling the impact of renewable energy technologies on atmospheric carbon dioxide mitigation," *Journal of Optimization Theory and Applications*, vol. 203, pp. 1027–1053, 2024.
- C. Gautam and M. Verma, "Mathematical modeling of emission and control of carbon dioxide from infrastructure expansion activities," *Physica D: Nonlinear Phenomena*, vol. 470, p. 134387, 2024.

8.3.2 Books / Edited Books

- Reshu Gupta, M. K. Awasthi, D. Yadav and Y. Singh "Nanofluid Dynamics and Transport Phenomenon" CRC Press (Taylor and Francis Group), December 2024 (Scopus Indexed). DOI: https://doi.org/10.1201/9781003527251
- Ashwani Kumar, Nitesh Dutt, and M. K. Awasthi, "Heat Transfer Enhancement Techniques: Thermal Performance, Optimization and Applications" Wiley-Scrivener (USA) November 2024 (Scopus Indexed). DOI: https://doi.org/10.1002/9781394270996
- M. K. Awasthi, Ashwani Kumar, Nitesh Dutt and Satyvir Singh "Computational Fluid Flow and Heat Transfer: Design, experiment and Application" CRC Press (Taylor and Francis Group) April 2024 (Scopus Indexed). DOI: https://doi.org/10.1201/9781032712079

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- M. Kumari and J. Tanti, On the role of the Fibonacci matrix as key in modified ECC, Algebra and its applications. K. Patel et al. (eds.), Springer, 2025.
- A. K. Shukla, M. K. Awasthi, Dharamendra, "Impact of viscous correction on the viscoelastic potential flow analysis of the Rayleigh–Taylor instability" in Advances in Computational Methods and Modeling for Science and Engineering (Elsevier)
- M. K. Awasthi, A. K. Shukla, A. Kumar, N. Dutt, D. Yadav, "Instability of Casson fluid–viscous fluid interfaces" in Advances in Computational Methods and Modeling for Science and Engineering (Elsevier)
- B. Singh, P. Kaur, A. K. Yadav, M. K. Awasthi, A. Kumar, "Design and Analysis of Solar Tracking System for PV Thermal Performance Enhancement" in Heat Transfer Enhancement Techniques: Thermal Performance, Optimization and Applications Wiley-Scrivener (USA)

- V. P. Singh, A. Kumar, M. K. Awasthi, "Augmentation of Solar, Geothermal, and Earth-Air Heat Exchanger in Sustainable Buildings" in Heat Transfer Enhancement Techniques: Thermal Performance, Optimization and Applications Wiley-Scrivener (USA)
- A. Kumar, M. K. Awasthi, N. Dutt and V. P. Singh, "Recent Innovation in Heat Transfer Enhancement Techniques" in Heat Transfer Enhancement Techniques: Thermal Performance, Optimization and Applications Wiley-Scrivener (USA)
- M. K. Awasthi, A. Kumar, N. Dutt, D. Yadav "Nanofluid Dynamics properties and Applications" in Nanofluids Dynamics and Transport Phenomenon" CRC Press (Taylor and Francis Group) USA
- A. Kumar, M. K. Awasthi, N. Dutt, "Nanofluidic applications in sustainable food technology and agriculture" in Nanofluids Dynamics and Transport Phenomenon" CRC Press (Taylor and Francis Group) USA
- M. K. Awasthi, A. Kumar, N. Dutt, "Recent innovation, technological development, and futuristic application of nanofluids" in Nanofluids Technology for Thermal Sciences and Engineering: Research, Development, and Applications" CRC Press (Taylor and Francis Group) USA
- A. Kumar, S. Thangavel, M. K. Awasthi, V. P. Singh, N. Dutt, "Safety and environmental considerations in nanofluid-based systems" in Nanofluids Technology for Thermal Sciences and Engineering: Research, Development, and Applications" CRC Press (Taylor and Francis Group) USA
- A. K. Shukla, M. K. Awasthi, Dharamendra, "Impact of Vertical Magnetic Field on the Rivlin-Ericksen Fluid Interface: An Irrotational Flow Approach" in Advances in Mathematical Modelling, Applied Analysis and Computation, Springer Nature, Switzerland.
- M. K. Awasthi, N. Dutt, A. Kumar, A. Hedau, "Introduction to Mathematical and Computational Methods" in Computational Fluid Flow and Heat Transfer: Design, experiment and Application, CRC Press (Taylor and Francis Group), USA.
- M. K. Awasthi, A. Kumar, N. Dutt, "Modeling Rayleigh-Taylor Instability in Nanofluid Layers" in Computational Fluid Flow and Heat Transfer: Design, experiment and Application, CRC Press (Taylor and Francis Group), USA.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Dr. Gopal Datt attended and delivered an invited talk titled "Normal families on complex manifolds" in the30th Annual Conference of the Jammu Mathematical Society and a National Seminar on Recent Development in Analysis and Related Areas organized by the Department of Mathematics, University of Jammu, Jammu, May 04 to 06, 2023.
- Dr. Maitri Verma attended, participated and presented a paper in "International Conference on Recent Advancements in Mathematics and Data Science" held at MANIT Bhopal during 27-28 June, 2024.
- Dr. Gopal Dattattended and delivered a talk titled "Montel-Caratheodory theorem for families of $\mathbb{P}^n$-valued holomorphic curves" at the International Conference: Recent Trends in Mathematics, which was held on March 4–6, 2024, at Sultan Qaboos University, Muscat, Oman.
- Prof. BS Bhadauria delivered an invited talk in the 6th National Conference on Recent Advancements in Physical Sciences on February 14, 2025organized by Dept. of Maths, DIT University, Dehradun.
- Prof. BS Bhadauria, delivered a lecture on 18.11.2024 in Refresher Course in Mathematics and its Applications, organized by the Dept. of Mathematics, University of

Allahabad on “Advanced Theoretical and Numerical Techniques to solve Boundary Value Problems”.

- Prof. Sunil Kumar Singh delivered an invited talk in the Two-Week Interdisciplinary Refresher Course entitled ‘RECENT ADVANCEMENTS IN MATHEMATICS, STATISTICS AND COMPUTER SCIENCES’ organised by the UGC-Malaviya Mission Teacher Training Centre, Central University of South Bihar (MMTTC-CUSB) Gaya-824236 (BIHAR) from 14th October to 26th October, 2024.
- J. Tanti, deliveredan invited talk entitled “On Ramanujan’s life and contributions” on 21-12-2024 in Rajkiya Engineering College, Kannauj, on the occasion of National Mathematics Day.
- Mukesh Kumar Awasthi delivered an invited talk in the 2nd International Conference on “Innovation in Science and Technology for Sustainable Development” on the topic “Instability Phenomena in two-phase fluid systems” organised by Department of Science, Maharishi School of Science and Humanities, Maharishi University of Information Technology, Lucknow during November 19-21, 2024.
- Mukesh Kumar Awasthi delivered an invited talk in the 71th annual conference of BharataGanitaParisad on "Recent Advances in Mathematics and Applications (An International Meet)” on the topic “Theory ofInstability in two-phase flow” organised by Department of Mathematics, University of Lucknow, Lucknow during November 16-17, 2024.
- Mukesh Kumar Awasthi delivered an invited talk in the Five-Day Online Faculty Development Program (FDP) on "The Role of Mathematical Modeling in Addressing Real-World Scenarios” on the topic “Instability dynamics in free-surface flow systems” organised by Division of Mathematics, School of Advances Sciences, VIT, Chennai during October 14-18, 2024.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Prof. B. S. Bhadauria

- **Angad Kumar**
  Topic: Study of nonlinear thermal instability considering various physical models
  Fellowship: University Fellowship
- **Rohit Kannajiya**
  Topic: Heat and mass transfer under various physical configurations
  Fellowship: UGC-JRF Fellowship
- **Pradeep Pal**
  Fellowship: University Fellowship
- **Sanyam**
  Fellowship: University Fellowship

Prof. Sunil Kumar Singh

- **Soumya Singh**
  Co-supervisor: Dr. Karm Veer Singh
  Topic: Wavelet Transform and its Generalization with Applications
  Fellowship: University Fellowship
- **Km Jyoti**
  Topic: Generalized wavelet transforms on function and distribution spaces
  Fellowship: Non-Net Fellowship
- **Prachi Rathi**
  Topic: Study of Wavelet Transforms and Their Applications
  Fellowship: Non-Net Fellowship

- **Shubham Kumar Tiwari**
  Fellowship: Non-Net Fellowship

Prof. Jagmohan Tanti

- **Akansha**
  Topic: Jacobi sums and cyclotomic numbers of order l^3 with l a prime
  Fellowship: National Fellowship
- **Sonam**
  Topic: Computations of invariant bilinear forms under the representations of a finite group
  Fellowship: Non-Net Fellowship
- **Satyam Shukla**
  Topic: Irreducible representations of finite solvable groups
  Fellowship: Non-Net Fellowship
- **Vashu Dev**
  Topic: A study of Diophantine m-tuples and their applications
  Fellowship: Non-Net Fellowship
- **Ram Nivas Yadav**
  Fellowship: Non-Net Fellowship
- **Rashi Deval**
  Fellowship: Non-Net Fellowship

Dr. Maitri Verma

- **Cherie Gautam**
  Topic: Mathematical modeling and analysis of the control of atmospheric carbon dioxide concentration
  Fellowship: UGC-JRF Fellowship
- **Kuldeep Kumar Tripathi**
  Topic: Mathematical modeling and analysis of the effects of fear and awareness programs on the dynamics of infectious diseases
  Fellowship: UGC-SRF

Dr. Mukesh Kumar Awasthi

- **Pragati Pandey**
  Topic: Interfacial instabilities in non-Newtonian fluid layer
  Fellowship: Non-Net Fellowship
- **Priya Bharati**
  Co-supervisor: Dr. Gopal Datt
  Topic: Study of instability in complex flow systems
  Fellowship: Non-Net Fellowship
- **Sachin Singh**
  Fellowship: Non-Net Fellowship

Dr. Gopal Datt

- **Ritesh Pal**
  Topic: Normal families and normal functions in one and several complex variables
  Fellowship: Non-Net Fellowship
- **Priya Bharati**
  Co-supervisor: Dr. Mukesh Kumar Awasthi
  Topic: Study of instability in complex flow systems
  Fellowship: Non-Net Fellowship

8.3.5.2 Ph.D. Awarded

Prof. B. S. Bhadauria

- **Anish Kumar** – Heat transfer in nanofluids under various configurations (CSIR-SRF Fellowship)
- **Shilpee** – Heat transfer in nanofluids under LTE and LTNE (University Fellowship)
- **Ismail** – Convective instability in nanofluids under various configurations (UGC-SRF Fellowship)

Dr. Maitri Verma

- **Alok Kumar Verma** – Mathematical modeling and analysis of emission and mitigation of global warming gases (CSIR-SRF Fellowship)

Dr. Mukesh Kumar Awasthi

- **Atul Kumar Shukla** – Interfacial stabilities in confined geometries (UGC-SRF Fellowship)

8.3.6 Projects/Consultancy/and any other

Prof. Jagmohan Tanti
Title of Project: National Board for Higher Mathematics (NBHM)
Funding Agency: National Board for Higher Mathematics (NBHM)
Duration: 3 years (Grant received on 12th October 2023)
Total Grant: ₹3,75,000.00
Role: Principal Investigator (PI)

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

- Prof. B.S. Bhadauria: Outstanding Research Achievement Award on 26th January 2024 for significant academic and research contribution for being ranked among the world's top 2% scientists in a study at Stanford University of USA.
- Prof. B.S. Bhadauria: Outstanding Achiever Award on 26th January 2024 for contributing significantly in getting commendable NAAC grade to the University by excellent performance as Dean, Student's Welfare.
- Dr. Mukesh Kumar Awasthi: Outstanding Research Achievement Award on 26th January 2024 for significant academic and research contribution for being ranked among the world's top 2% scientists in a study at Stanford University of USA.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	00
2.	Total number of journal publications by Department (International)	36
3.	Total number of publications in conference proceedings	13
4.	Total number of workshops/conferences/seminars/etc organized by Department	00
5.	Total number of PhD degree awarded by Department	05
6.	Total number of PG students	93
7.	Total number of UG students	00
8.	Total number of diploma/certificates students (if any)	00
9.	Total number of students placed	00
10	Total number of Award and Medals	03
11	Total number of Patents/copyright filed/granted	01

12	Total number of sponsored research project sanctioned	01
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	00
17	Total number of total number of students opted for higher studies	00

Department of Physics

About the Department

The Department of Physics was established in 2010 and offers M.Sc. (Physics) and Ph.D. programs. The department has strong research in Condensed Matter Physics, Materials Science, Nano-Science & Nano-Technology, Nuclear Physics, Space Physics, Applied Optics, and Computational Biophysics. It has well-equipped laboratories for teaching and research, smart classrooms, a computer lab, and a departmental library. Faculty members have national and international recognition, and students excel in competitive exams, research fellowships, and higher studies.

Strengths

- Curriculum aligned with NEP 2020 and research-oriented.
- Strong faculty with international recognition and fellowships; top 2% scientists globally.
- Well-equipped laboratories for teaching and advanced research (Nano-materials, Applied Optics, Computational Biophysics).
- High research output: 17 National and 47 International publications (2024–2025).
- Active student progression: NET/JRF, GATE, Ph.D., and postdoctoral placements internationally.
- Student-centric academic environment with seminars, alumni meet, and special lectures.
- Effective interdisciplinary research ecosystem covering Nano-materials, Energy Harvesting, Sensors, Space Physics, and Theoretical/Applied Physics.
- Patents filed and published; strong collaborations with national and international institutions.
- Transparent governance and quality assurance with faculty development programs.

Next Year Plan (2025-26)



- Introduce elective courses in Quantum Materials, Photonics, and Renewable Energy.
- Implement formal student feedback and mentorship programs.
- Increase international student enrolment and strengthen global research collaborations.
- Apply for more international projects and increase patent filings.
- Upgrade laboratories with advanced instruments and enhance virtual lab resources.
- Strengthen alumni engagement for mentorship, research, and entrepreneurship.
- Organize national-level workshops, seminars, and interdepartmental research events.
- Establish formal internal quality audits and enhance faculty training.

- Initiate community outreach and sustainable technology research projects.

1.1 Curriculum Design and Development



1.2 Curricular Planning and Implementation

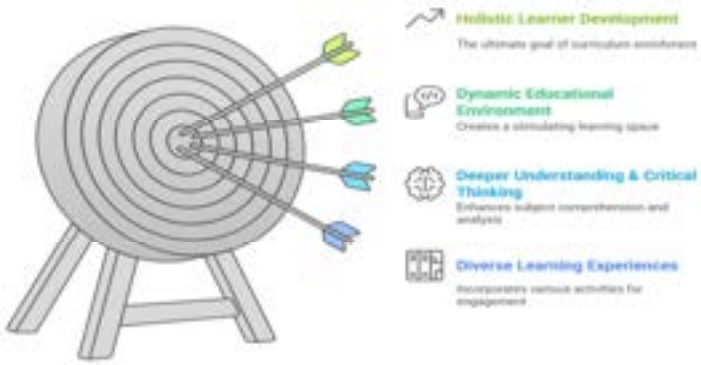
- Department established in 2010; initially run by a coordinator and guest faculty.
- Regular faculty appointed in 2011; growing student interest from across India.
- Department running:
  - M.Sc. (Physics) – intake 60 students
  - Ph.D. (Physics) – intake per academic ordinance
- Syllabi for both programs restructured as per NEP 2020.
- Students qualifying UGC/CSIR NET, GATE, JEST; securing admissions to IISc, IITs, IISERs.
- Laboratories support practical training and research in Nano-materials, Condensed Matter Physics, Applied Optics, Computational Biophysics, etc.

1.3 Academic Flexibility



- Encouragement for interdisciplinary research (Nano-Science, Materials Science, Nuclear Physics, Space Physics, Computational Biophysics).
- Ph.D. students pursue individual projects aligned with research specialization.

1.4 Curriculum Enrichment



- Well-equipped labs: M.Sc. Laboratories, Advanced Optoelectronics, Applied Optics, Condensed Matter, FIST Lab, Nanomaterials & Sensors Lab.

- Departmental Library and Computer Laboratory.
- Smart classrooms for interactive learning.

1.5 Feedback System

- Feedback collected through alumni meets, parent-teacher meetings, and special lectures.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 81 PG students (M.Sc. Physics), 14 Ph.D. students currently enrolled.
- 43 Ph.D. degrees awarded to date.

2.2 Catering to Student Diversity



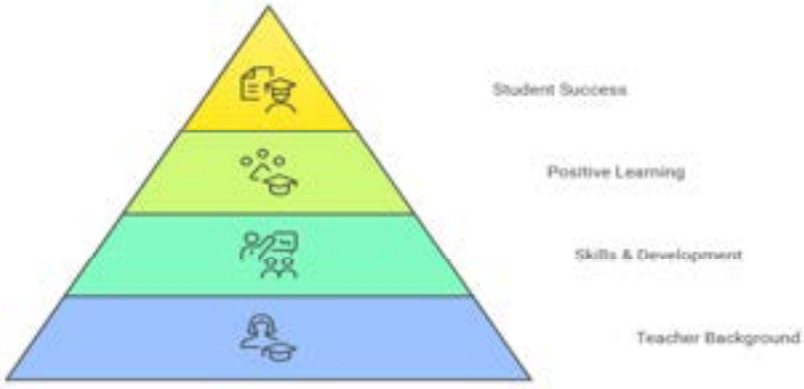
- Attracting students nationally; plans to attract international students after university guidelines.
- Students from diverse backgrounds participating in research projects and fellowships (CSIR, UGC, RGNF).

2.3 Teaching-Learning Process



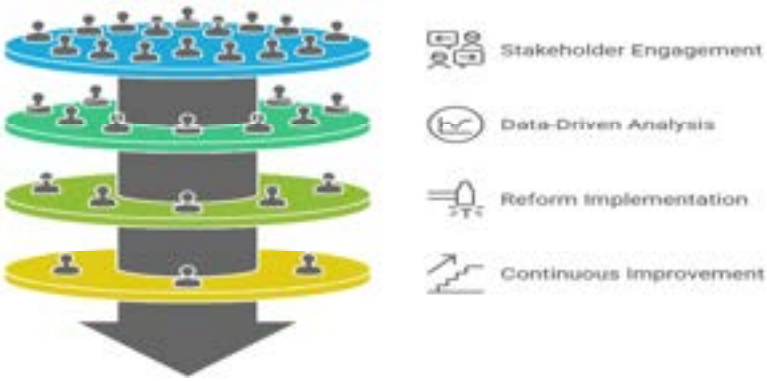
- Emphasis on laboratory-based learning and computational simulations.
- Regular seminars, special lectures, and departmental interactions.

2.4 Teacher Profile and Quality



- Faculty Details:
  - Prof. Bal Chandra Yadav – Nanoscience, Materials Science, Opto-electronics, Sensors.
  - Prof. Devesh Kumar – Molecular simulations, Computational Chemistry.
  - Dr. Anil Kumar Yadav – Materials Science, Nanoscience.
  - Dr. Devendra Singh – Applied Optics, Computational Physics.
  - Dr. Khem Bahadur Thapa – Photonic Crystal, Condensed Matter Physics.
  - Dr. Ajeet Kumar Maurya – Space and Atmospheric Physics.
  - Dr. Rajesh Kumar Singh – Materials Science, Nanoscience and Technology.
- Faculty recognized internationally; many hold fellowships, awards, and memberships in professional bodies.

2.5 Evaluation Process and Reforms



- Evaluations follow academic ordinance; integration of practical, computational, and research-oriented assessments.

2.6 Student Performance and Learning Outcomes



- Students achieving NET/JRF, GATE, Ph.D. admissions, postdoctoral positions.
- Ph.D. awarded during 2024–2025: 6; M.Sc. graduates: 45.

2.7 Student Satisfaction Survey

- Feedback captured through alumni meets, parent-teacher meetings, and special lectures.

3. Research, Innovation, and Extension

3.1 Promotion of Research and Facilities



- Faculty engaged in research in Nano-materials, Energy Harvesting, Sensors, Molecular Modeling, Theoretical & Applied Physics.
- Well-equipped research labs for synthesis, characterization, and computational studies.

3.2 Resource Mobilization for Research



- Major research projects funded by UGC, DST, UPCST.
- Active patents: Prof. B.C. Yadav (1 filed/1 published), Prof. Devesh Kumar (1 published).

3.3 Innovation Ecosystem

- Focus on advanced materials, sensors, self-powered devices, computational modeling.

3.4 Research Publications and Awards



- Publications (2024–2025): 17 National, 49 International.
- Faculty recognized in top 2% scientists globally (Stanford University, USA).
- International fellowships and postdoctoral programs.

3.5 Consultancy

- Nil.

3.6 Extension Activities

- Organized National Science Day; Alumni Meet, Parents-Teacher Meeting, Special Lectures.

3.7 Collaboration

- MoUs: Nil; Faculty engage in international collaborations and joint research programs.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- M.Sc. and Ph.D. laboratories, Smart Classroom, Departmental Library.

4.2 Library as a Learning Resource

- Departmental library supports course and research requirements.

4.3 IT Infrastructure

- Departmental computer lab; computational software for research.

4.4 Maintenance of Campus Infrastructure

- Laboratories and classrooms maintained as per standards.

5. Student Support and Progression



5.1 Student Support

- Guidance for fellowships, research projects, competitive exams.

5.2 Student Progression

- Students progressing to Ph.D., Postdoctoral studies, and research positions globally.

5.3 Student Participation and Activities

- Seminars, National Science Day, Alumni Meet, Special Lectures.

5.4 Alumni Engagement

- Alumni meet conducted; active engagement in academic discussions.

6. Governance and Leadership



6.1 Institutional Vision and Leadership

- Department committed to excellence in teaching, research, and innovation.

6.2 Strategy Development and Deployment

- Curriculum aligned with NEP 2020; focus on research and global visibility.

6.3 Faculty Empowerment Strategies

- Research support, fellowships, international collaborations, and funding assistance.

6.4 Financial Management and Resource Mobilization

- UGC, DST, and UPCST funded research projects.

6.5 Internal Quality Assurance System

- Regular evaluation of research output, student achievements, and academic performance.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Research and teaching oriented toward societal needs (e.g., sensors for health and environment).

7.2 Best Practices

- Integration of computational and experimental research.
- Student-centric learning environment with well-equipped laboratories.

7.3 Institutional Distinctiveness

- Focus on Nano-materials, Energy Harvesting, Applied Optics, Computational Biophysics, and Space Physics.
- Faculty recognized internationally; top 2% scientists globally.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Devesh Kumar**
  Professor, Head
  Specialization: Simulations of intermolecular interactions in mesogens and biological molecules
  Qualifications: B.Sc., M.Sc., Ph.D.

- **Prof. Bal Chandra Yadav**
  Professor
  Specialization: Synthesis of Nanomaterials/ Nanocomposites, Characterizations, Thin Film/ Thick Film Sensors, Humidity Sensors, LPG Sensors and Pressure Sensors, Renewable Energy, Solar cells, recycling of waste PV modules
  Qualifications: M.Sc., Ph.D.

- **Dr. Anil Kumar Yadav**
  Associate Professor
  Specialization: Functional nanomaterials, Computational condensed matter and Biophysics, Green synthesis of materials for Environment and energy applications, NDE
  Qualifications: M.Sc., Ph.D.

- **Dr. Devendra Singh**
  Assistant Professor
  Specialization: Molecular modelling, Applied optics
  Qualification: M.Sc., Ph.D.

- **Dr. Khem Bahadur Thapa**

Assistant Professor
Specialization: Photonic Crystal, Metamaterials and Condensed Matter Physics
Qualifications: M.Sc., Ph.D.

- **Dr. Ajeet Kumar Maurya**
  Assistant Professor
  Specialization: Radio communication, Space weather, Atmosphere-ionosphere coupling, Seismic-electromagnetics, Climate Change
  Qualifications: M.Sc., Ph.D.

- **Dr. Rajesh Kumar Singh**
  Assistant Professor
  Specialization: Nano-particles, Metal and metal oxide decorated Carbon nanostructures (CNT, CNF and Graphene) for Fuel cells, Super capacitors, Lithium-Ion Batteries.
  Qualifications: M.Sc., Ph.D.

8.2 Various Positions held in & out the Institution –

Prof. Bal Chandra Yadav

- Member of Academic Council, BBAU, Lucknow
- Member of School Board, School of Physical Sciences, Mahatma Gandhi Central University, East Champaran, Bihar
- Member, DRC, Department of Physics, Dr. Shaknutala Misra National Rehabilitation University (DSMNRU), Lucknow
- Member, Board of Studies, Department of Physics, BBA University, Lucknow, U.P., India
- Member, Departmental Research Committee, Department of Physics, SPDS, BBAU, Lucknow

Prof. Devesh Kumar

- Head, Department of Physics

Dr. Anil Kumar Yadav

- Assistant Examination Controller, BBAU Lucknow
- Administrative Warden (Kanishka Boys Hostel)
- Member, Board of Post Gruaduate Studies, Department of Physics, BBA University, Lucknow, U.P., India
- Member, Departmental Research Committee, Department of Physics, SPDS, BBAU, Lucknow
- Member, Board of ost Gruaduate Studies, Department of Physics, VBS PU Jaunpur, Lucknow, U.P., India

8.3 Research Publications

8.3.1 Research Articles

Prof. Devesh Kumar

- Mirtunjai Mishra, Manish Kumar, Devendra Singh, Khem B. Thapa, Gajanan Pandey, **Devesh Kumar,** DFT study of difluoro & trifluoro bi-cyclohexane based dimer for application in electronic and optical devices, Journal of Molecular Liquids, 414 (2024) 126109.

Prof. Bal Chandra Yadav

- R Gautam, S Chaudhary, V K Nautiyal, **B C Yadav**, U Kumar, Unveiling the room-temperature chemiresistive NH3 adsorption capability of NiO doped PPy nanocomposite with DFT interpretations, Nano Express 6 (3), 035001, 2025.
- P Kumar, Z Y Deng, Y C Huang, J Y Chang, C Y Chiou, **B C Yadav**, HK Siju, … Synergistic Effects of Au/Ag-Modified Fe_3O_4@MoS_2 Nanocomposites in Photocatalytic Methylene Blue Degradation Under Green Light, Surfaces and Interfaces, 107059, 2025.
- A Singh, B Mohan, V Pratap, W Sun, AJL Pombeiro, **B C Yadav**, Humidity-Resistant CeO_2/In_2O_3 Nanocomposite-Based Chemiresistor for Selective Detection of Formaldehyde Small 21 (22), 2410023, 2025.
- A Rani, A Verma, **B C Yadav**, Plasmon resonance enhanced Pd-decorated hybridtungsten disulfide (WS2) multi-wavelength ultra-responsive photodetector, Tungsten 7 (2), 374-392, 2025.
- S Yadav, P Chaudhary, N Yadav, **B C Yadav**, Highly sensitive humidity sensor based on a composite of MoS2 and multi-walled carbon nanotube sensing film,Physica Scripta 100 (5), 055945, 2025.
- N Ahlawat, M Gupta, A Verma, **B C Yadav**, Mechanistic Insights and Interface Engineering in Bi_2O_3/$Ti_3C_2T_X$ Nanohybrid for Enhanced CO_2 Sensor Performance, ECS Journal of Solid-State Science and Technology 14 (4), 047008, 2025.
- U Kumar, Z Y Deng, **B C Yadav**, M W Lee, CH Wu, Advances in 0D quantum dots and hybrid nanoarchitectures for high-performance gas sensing devices, Nanotechnology 36 (18), 182001, 2025.
- A Rani, A Verma, **B C Yadav**, Humidity-induced self-powered photodetection through Bi2Te3/MoS2 nanohybrid material deposited on a flexible substrate, Materials Today Energy 48, 101753, 2025.
- S Gangwar, P Yadav, A Rani, A Verma, S K Jha, **B C Yadav**, 2D materials integrated with polymers for Materials Science and Engineering: B 312, 117859, 2025.
- A K Yadav, U Kumar, **B C Yadav**, Sol-gel processed CNT-doped $LaFeO_3$ and its application as LPG sensor, Journal of Materials Science: Materials in Electronics 36 (1), 54, 2025.
- A Verma, D Yadav, S Natesan, M Gupta, **B C Yadav**, Heterostructured binary/ternary MoO_3/Bi_2 MoO_6 metal oxide-based acetone sensing devices relevant to non-invasive disease monitoring, Journal of Materials Chemistry C, **13**, Issue 7, 3226-324, 2025.
- M Gupta, P Chaudhary, D K Maurya, **B C Yadav**, 2D-MoO_3/$Ti_3C_2T_x$ nanocomposite deposited on borosilicate glass and cotton yarn substrates for acetone sensing, Surfaces and Interfaces 56, 105497, 2025.
- A Kaushal, A Verma, A Rani, **B C Yadav**, an alternative methodology for the detection of benzene ring containing hazardous compounds by zeta potential and absorbance analysis, Inorganic Chemistry Communications, 113744, 2024.
- R Gautam, A Singh, A Verma, VK Nautiyal, **B C Yadav**, V Chaudhary A novel nanoparticles spilled-over In_2O_3 microcubes-enabled sustainable chemiresistor for environmental carbon dioxide monitoring, ***Nanotechnology*** 35 (43), (2024) 435502.
- A Singh, **B C Yadav** Excellent triethylamine (TEA) chemiresistor based on ZIF-8 derived Ag sensitized ZnWO4/ZnO branched heterostructure for indoor environment, ***Microchemical Journal***, (2024) 112056.
- PR Tiwari, RP Singh, K Bharati, AC Yadav, B Bhardwaj, **B C Yadav**, Synthesis and Application of Strontium-Doped Zinc Ferrite Nanomaterial in Humidity Sensing, ***Journal of the Indian Chemical Society***, (2024) 101439.

- Rahul Pratap Singh, Prabhat Ranjan Tiwari, Keval Bharati, Bala Bhardwaj, Kuwar Ankur Singh, **B C Yadav,** Santosh Kumar Humidity sensing study of cobalt-doped cadmium sulphide nanomaterials, *Journal of Solid-State Electrochemistry*, 28 (7) 2385-2396, 2024.
- Monu Gupta, Arpit Verma, Priyanka Chaudhary, **B C Yadav,** MoO_3/V_2CT_x Nanocomposite-Based Wearable Sensor with High Sensitivity for Acetone and Hand Sanitizer Detection at Room Temperature with DFT Analysis, *ACS Applied Electronic Materials,* 6(8) 5626-5639, 2024.
- Priyanka Chaudhary, Chieh-Jui Li, Toton Halder, Yu, Chi-Hua; **B C Yadav,** Lin, Meng-Fang; Unveiling capacitive humidity characteristic of CdSe quantum dots synthesized by facile route, ***Sensors and Actuators A: Physical***, 377, 115759, 2024.
- Savita Kumari, Ajaz Hussain, Sarvesh Kumar Avinashi, Rajat Kumar Mishra, Ajeet Singh, **B C Yadav,** Chandkiram Gautam, Fabrication, structural, morphological, and mechanical behaviour of fly ash doped clay ceramics based CO_2 gas sensor, 22. ***Physica Scripta***, 99 (9) 95907, 2024.
- Utkarsh Kumar, **B C Yadav,** Kuldeep Kumar, Toton Haldar, VV Ravi Kanth Kumar, Exploring the room temperature chemiresistive LPG and humidity sensing properties of MWCNT/TiO_2 nanocomposite with DFT interpretations, Wen-Min Huang, Chiu-Hsien Wu, ***Sensors and Actuators A: Physical***, 115851, 2024.
- SK Avinashi, A Singh, S Kumari, RK Mishra, A Sachan, **B C Yadav,** Monitoring of CO_2 using MWCNTs functionalized clay porous composite for clean room facility, ***Sensors and Actuators B: Chemical***, 136145, 2024.
- A Singh, P Chauhan, A Verma, **B C Yadav,** Interfacial engineering enables polyaniline-decorated bismuth sulfide nanorods towards ultrafast metal–semiconductor-metal UV-Vis broad spectra photodetector, ***Advanced Composites and Hybrid Materials*** 7 (3), 1-17, 2024.
- A Verma, I Arabia, US Meda, I Rawal, S Rustagi, **B C Yadav,** High selectivity and sensitivity through nanoparticle sensors for cleanroom CO2 detection, M Channegowda, ***Nanotechnology*** 35 (31), 315501, 2024.
- P Chaudhary, A Verma, S Chaudhary, M Kumar, MF Lin, YC Huang, **B C Yadav,** Design of a Humidity Sensor for a PPE Kit Using a Flexible Paper Substrate, ***Langmuir*** 40 (18), 9602-9612, 2024.
- AK Shukla, V Verma, P Goriyan, A Rani, A Verma, A Singh, **B C Yadav**, $Zr_6O_4(OH)4$ Based Metal-Organic Frameworks for the Enhanced Chemiresistive Sensing of Ethanol, ***Journal of Inorganic and Organometallic Polymers and Materials***, https://doi.org/10.1007/s10904-023-02986-1,1-16, 2024.
- **Review Articles:**
- Nikita Ahlawat, Monu Gupta, Arpit Verma and **Bal Chandra Yadav**, MXene Synthesis Techniques and Their VOCs Sensing Applications, ***Journal of The Electrochemical Society***, Vol. 172, Number 4, 16 April 2025, DOI 10.1149/1945-7111/adc8d8.
- Shivraj Singh, Arpit Verma, Srishtee Chauhan, Ravi Kant Tripathi, Sidhharth Sirohi, **B. C. Yadav**, Ravi Kant Choubey & Tejendra K. Gupta, Flexible and Efficient Ultraviolet Photodetectors Based on One Dimensional MWCNT Filled Thermoplastic Polyurethane Nanocomposite Freestanding Films, ***Journal of Inorganic and Organometallic Polymers and Materials***, Vol. 35, pages 470–479, 05 August 2024.
- Arpit Verma, **Bal Chandra Yadav**, Comprehensive review on two dimensional nanomaterials for optical biosensors: Present progress and outlook, ***Sustainable Materials and Technologies***, Vol. 40, July 2024, e00900, https://doi.org/10.1016/j.susmat.2024.e00900.

Dr. Anil Kumar Yadav

- Repurposing integrase inhibitors against Human T-lymphotropic virus type-1: a computational approach. Prashasti Sinha and **Anil Kumar Yadav** Journal of Biomolecular Structure and Dynamics 2025, VOL. 43, NO. 9, 4686–4697
- Unraveling the anti-breast cancer activity of cimicifugae rhizome using biological network pathways and molecular dynamics simulation. Prashasti Sinha and **Anil Kumar Yadav**. Molecular Diversity (2025) 29:241–254
- Molecular docking, molecular dynamics and Binding free energy Based Identification of novel potential multitarget inhibitors of Nipah virus. Prashasti Sinha and **Anil Kumar Yadav,** JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS 2024, VOL. 42, NO. 24, 13663–13679
- Computational Analysis on molecular Stability and binding Affinity of 3-(Aminothiazolyl) Quinolone Derivative as Multitargeting Antibacterial Agents through Ab Initio Methods. Prashasti Sinha and **Anil Kumar Yadav.** POLYCYCLIC AROMATIC COMPOUNDS 2024, VOL. 44, NO. 9, 5829–5850.
- Identification of 3,4-dihydroxy complexes as potential antiviral via DFT, molecular docking, molecular dynamics and MM/PBSA against rabies and dengue receptors. Prashasti Sinha and **Anil Kumar Yadav**. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS 2024, VOL. 42, NO. 13, 7037–7053
- Pd-doped SWCNT as Nano biosensor for phenylalanine hydrolase. Prashasti Sinha, Roshni Kumari and **Anil Kumar Yadav.** *AIP Conf. Proc.* 3149, 030014 (2024)
- In Silico identification of cyclosporine derivatives as potential inhibitors for RdRp of rotavirus by molecular docking and molecular dynamic studies. Prashasti Sinha and **Anil Kumar Yadav,** JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS 2024, VOL. 42, NO. 10, 5001–5014

Dr. Devendra Singh

- Mirtunjai Mishra, Manish Kumar, **Devendra Singh**, Khem B. Thapa, Gajanan Pandey, Devesh Kumar, DFT study of difluoro & trifluoro bi-cyclohexane based dimer for application in electronic and optical devices, Journal of Molecular Liquids, 414 (2024) 126109.

Dr. Khem Bahadur Thapa

- S Chaudhary, AK Malik, A Kumar, **KB Thapa,** VK Nautiyal Ultrasensitive High Quality Terahertz Biosensor Based on 1D Photonic Crystal for the Detection of Breast Cancer Cells, Sensing and Imaging 25 (1), 73, 2024. https://doi.org/10.1007/s11220-024-00521-1.

Dr. Ajeet Kumar Maurya

- Dayanand Bhaskar, Rajat Tripathi, M. N. Shrivastava, R. Singh, Sudipta Sasmal, Abhirup Datta**, Ajeet Kumar Maurya** (2025), Lower Ionospheric Perturbations Associated with Lightning Activity over Low and Equatorial Regions, Atmosphere 2025, 16(7), 832; https://doi.org/10.3390/atmos16070832
- Saharan, S., Purohit, J., Shrivastava, M.N. Dubey A., Sasamal S., Datta, A., **Maurya A. K**., and Sharma H, (2025), Seasonal dependence of solar flare induced Total Electron Content over low latitude ionosphere. Astrophys Space Sci 370, 71 (2025). https://doi.org/10.1007/s10509-025-04464-1
- **Maurya, A. K**., S. Saharan, S. Kannaujiya, M. N. Shrivastava, U. Pandey, (2025), GNSS derived total electron content variation along the annularity path associated with O/N2 ratio change during the annular solar eclipse of 21 June 2020, Astrophys. Space Sci., 370(6), 1–15.

- Pal, S. K., S. Sarkar, K. Nanda, A. Sanyal, B. Brawar, A. Datta, S. M. Potirakis, **A. K. Maurya et al.** (2025), Global response of vertical total electron content to Mother's Day G5 geomagnetic storm of May 2024: Insights from IGS and GIM observations, Atmosphere, 16(5), 529.
- Sanyal, A., B. Brawar, S. K. Maity, S. Jana, J. M. Polard, P. Newton, G. S. Williams, **A. K. Maurya** et al. (2025), Investigation of the ionospheric effects of the solar eclipse of April 8, 2024 using multi-instrument measurements, Atmosphere, 16(2), 1.

Dr. Rajesh Kumar Singh

- Recent development of MXenes and their composites in electrochemical energy storage: Current status, challenges and future prospects
  Nitika Devi, Rajesh Kumar, ***Rajesh Kumar Singh****, Stanislav A Moshkalev
  Journal of Power Sources 636 (2025 236538 **Impact Factor- 9.794** ISSN: 0378-7753
- Microwave-assisted facile synthesis of MnO_2-rGO nanocomposite as electrochemical sensor for the detection of mercury and lead (II) ions
  Ritesh Kumar, Ritika Sharma, AL Sharma, ***Rajesh Kumar Singh*,*** Dilbag Singh
  Diamond and Related Materials, 155 (2025), 112299, **Impact Factor- 4.3** Online ISSN: 1879-0062 Print ISSN: 0925-9365
- Synthesis and characterization of lithium transition orthosilicates $Li_2FexMn_{1-x}SiO_4$ as cathode material
  Ritesh Kumar, AL Sharma, ***Rajesh Kumar Singh,*** Arvind Kumar, Pramod K Singh, MZA Yahya, SNF Yusuf, Markus Diantoro, Manoj K Singh
  Chemical Physics Impact, 10 (2025), 100814***,*** **Impact Factor- 3.8** Online ISSN: 2667-0224

8.3.2 Books / Edited Books

Prof. Bal Chandra Yadav

- Complex and Composite Metal Oxides for Gas, VOC and Humidity Sensors, Vol-2, Elsevier Publisher, ISBN: 9780323954761.
- Exploring Quantum Realms: Computational Methods, Synthesis Techniques, and Characterization Tools, Dr. Anil Kumar Yadav, Prashasti Sinha, Roshni Kumari, Weser books, Germany, ISBN: 9783964925565.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof. Bal Chandra Yadav

- A Rani, A Verma, **B C Yadav**, **Metal-organic framework for luminescent thermometers,** 44-62, 2024, EISBN: 9781032661537, CRC Press.
- Arpit Verma, **Bal Chandra Yadav**, Recent Advances in Self-Healing Electronic Materials for Energy Harvesting Devices, Role of Science and Technology for Sustainable Future, 08 January 2025 pp 609–628, Springer.

Dr. Ajeet Kumar Maurya

- Shrivastava, M. N., A. K. Maurya, F. Sánchez, and S. L. Guerrero (2025), Monitoring of Calbuco volcanic eruption using GNSS-derived TEC perturbation, in *GNSS Applications in Earth and Space Observations*, 114–123.
- Saharan, S., A. K. Maurya, M. N. Shrivastava, and R. Singh (2025), GNSS as a cost-effective tool for continuous monitoring of solar flare effect on the ionosphere, in *GNSS Applications in Earth and Space Observations*, 251–264.

Dr. Rajesh Kumar Singh

- Synthesis and Electrochemical Performance of Microwave-Assisted Reduced Graphene Oxide at Different Concentrations of KOH, R. Kumar, Diksha, S. Kalia, ***Rajesh Kumar Singh**** and A. L. Sharma, ***Multifunctional Materials for Electronics and Biomedical Devices*** (2025) Springer Singapore ISBN: 978-981-96-7605-7, 978-981-96-7606-4, ISSN: 2662-3161

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Prof. Bal Chandra Yadav

- One Day National Conference on Indigenous Technologies in Physical Sciences for Viksit Bharat 2024, BBAU, Lucknow, U.P., India
- 5th Divya Yuwajagaran karyshala, 15/12/2024, Gaytri Pariwar, Alambagh, Lucknow, U.P., India
- Annual Meeting of NASI Fellows scheduled on December 2, 2024, at IISER, Bhopal, MP. India
- Jury Member:
- Seth Jaipuria College, 25th August 2025, Lucknow, Uttar Pradesh

Dr. Anil Kumar Yadav

- 14 April Babasaheb Bhimrao Ambedkar Jayanti-2025, BBAU Lucknow
- National Science Day-2025, BBAU Lucknow

Dr. Khem Bahadur Thapa

- Participated in Second international conference on recent trends in applied physics and materials science (RAM2024), Bikaner Rajasthan

Dr. Ajeet Kumar Maurya

- 01 (8th Asia-Pacific Conference on Plasma Physics, 3-8 Nov, 2024 at Malacca, Malaysia)

Dr. Rajesh Kumar Singh

- Completed with merit 8th Online Workshop on IKS-TKDL: Traditional Knowledge - Intellectual Property & People's Rights, organized by the Indian Knowledge Systems (IKS) Division, Ministry of Education, and CSIR-Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology, from 4th to 8th & 11th August, 2025
- Participated in one day Workshop on Intellectual Property Rights Awareness 2025 organised by R&D Cell, Babasaheb Bhimrao Ambedkar University, Lucknow on 6 February 2025.
- Participated in "Two Days Training Program on Government E-Market (GeM) Place and E-Procurement", organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 03-04 February 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision- 14+2

Dr. Rajesh Kumar Singh

- Mr. Ritesh Kumar (Central University of Himachal Pradesh, Dharamshala, H.P.)
- Ms. Diksha Pathania (Central University of Himachal Pradesh, Dharamshala, H.P.)

8.3.5.2 Ph.D. Awarded-04

8.3.6 Projects/Consultancy/and any other

- **Title of Projects:** Fund for improvement of S&T infrastructure in Universities and Higher Educational Institutions (FIST)
  Funding Agency: Department of Science & Technology
  Duration (Specific Dates): 2020-2025
  Total Grant: Rs. 78,00,000/-
  Role (PI/CO-PI): P.I & Co-ordinator
  Ref. CU 1300, Patent Application No. 202111010716
  Applicant: Chandigarh University
  Title: Prophyrin Containing Covalent Organic Framework and Metal of Synthesis Thereof
  Inventor: Atul P. Singh, Rajesh K Yadav, Chandni Singh, Pooja Singh, Surabhi Chaubey, Abhishek K Gupta, B. C. Yadav.
  Grant date: 28/01/2025

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Prof. Devesh Kumar

- Featured in World's top 2 % list of scientists produced by Stanford University, USA in collaboration with Elsevier.

Prof. Bal Chandra Yadav

- Chitralekha Bhattachrya Lifetime achievement Awards-2024 by PPSST, Lucknow, U.P., India
- Outstanding Research Achievement Award-2024, BBA University, Lucknow, U.P., India
- Research and Academic Excellence Award 2024, BBA University, Lucknow, U.P., India
- Selected in the list of World's top 2% scientists by Stanford's University, USA for significant academic and research work-2020, 2021, 2022, 2023, & 2024.

Dr. Anil Kumar Yadav

- Best Teacher Award -2025 Babasaheb Bhimrao Ambedkar University Lucknow

Dr. Rajesh Kumar Singh

- Featured in World's top 2 % list of scientists produced by Stanford University, USA in collaboration with Elsevier.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	00
2.	Total number of journal publications by Department (International)	49
3.	Total number of publications in conference proceedings	05
4.	Total number of workshops/conferences/seminars/etc organized by Department	02
5.	Total number of PhD degree awarded by Department	04
6.	Total number of PG students	75
7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	421 Last 5 Years
10	Total number of Award and Medals	09
11	Total number of Patents/copyright filed/granted	02
12	Total number of sponsored research project sanctioned	03

13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	05
17	Total number of total number of students opted for higher studies	11

Department of Statistics

About the Department

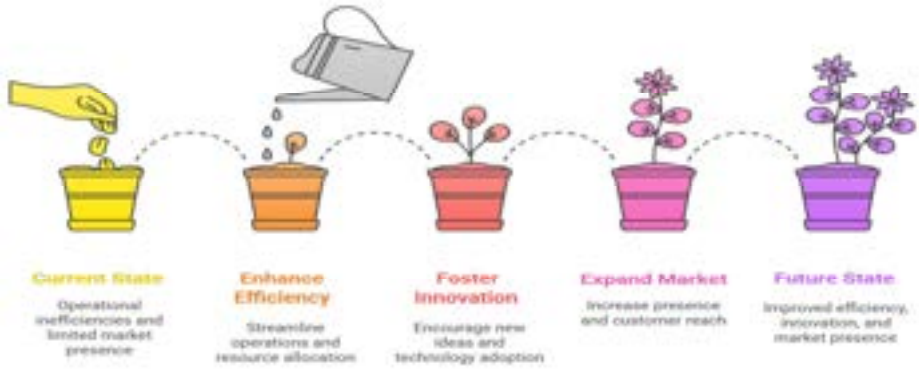
The Department of Statistics was established in 2010 as the Department of Applied Mathematics & Statistics and became an independent Department of Statistics in March 2012. It offers M.Sc. and Ph.D. programs in Statistics. The faculty members are highly qualified and engaged in diverse research areas including Reliability and Sequential Analysis, Econometrics, Sampling Techniques, Regression Modelling, Mathematical Programming, Agricultural Statistics, Stochastic Orders, AI & ML, and Soft Computing.

The Department aims to develop analytical and decision-making aptitude among students, provide guidance to researchers and academicians from other disciplines, and contribute to society through excellence in statistical education and research.

Strengths

- Highly qualified and experienced faculty
- Research-oriented with national-level publications
- Student achievements in academics, civil services, and placements
- Good infrastructure and facilities
- Strong professional engagement
- Active academic enrichment programs
- Funded research projects

Next Year Plan (2025-26)



- Introduce new electives in AI & ML and advanced statistical modeling
- Expand research projects and apply for additional funding
- Organize workshops and training programs for students
- Encourage faculty participation in international conferences and training
- Upgrade infrastructure and software availability
- Establish industry collaborations and MOUs
- Strengthen alumni network for mentorship and placements
- Increase student participation in competitions and societal projects

2. Curricular Aspects

2.1 Curriculum Design and Development



- The Department offers M.Sc. and Ph.D. programs in Statistics.
- Courses are designed to develop analytical and decision-making skills.
- Curriculum caters to researchers, academicians, and scientists from other disciplines seeking guidance in statistical research.

1.2 Curricular Planning and Implementation

- PG Programme (M.Sc. in Statistics)
- Ph.D. in Statistics
- Department actively engages in curriculum enrichment through workshops, invited lectures, and alumni interactions.

1.3 Academic Flexibility



- Programs allow for research guidance across multiple interdisciplinary areas.
- Faculty support in selecting topics for applied statistical research.

1.4 Curriculum Enrichment



- Invited talks by experts: Prof. Shalabh (Nov 26, 2024)
- Alumni Meet conducted on May 11, 2024
- Co-curricular activities: Poster Competition & Quiz Competition (Nov 14, 2024)

1.5 Feedback System

- Student feedback incorporated into course design and departmental activities (details implied through academic activities and alumni interactions).

2 Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- M.Sc. students: II sem. – 20, IV sem. – 18 (Total = 38)
- Ph.D. students pursuing: 13
- Ph.D. awarded: 3
- Student achievements:
  - Civil Services: 10
  - Higher education teaching: 2
  - Higher studies: 5
  - Government/Banking jobs: 4
  - SLET/NET/JRF/GATE: 8

2.2 Catering to Student Diversity



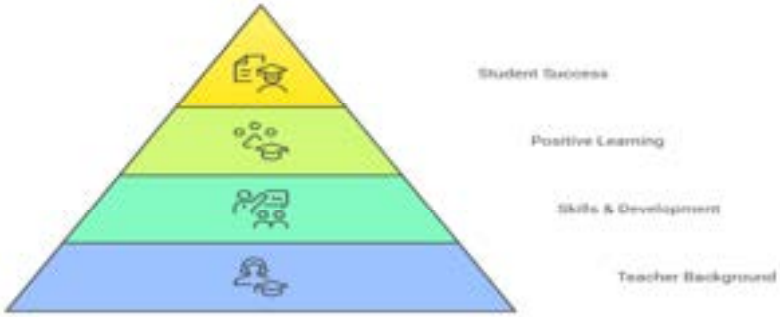
- Students supported through fellowships like NFST-SRF, UGC-Non Net.

2.3 Teaching-Learning Process



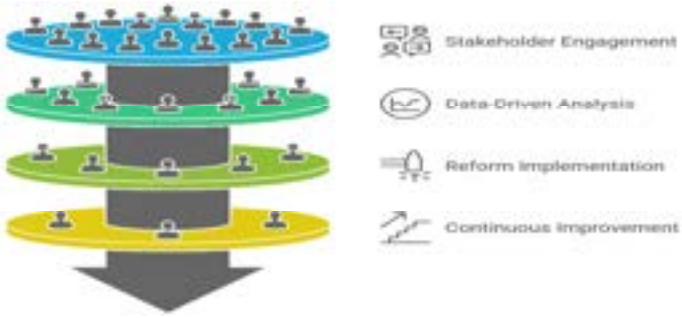
- Faculty with diverse areas of specialization: Econometrics, Reliability Theory, Sampling Techniques, Regression Modelling, AI & ML, Soft Computing, Time Series Analysis.
- Use of modern teaching tools: Smart board, projectors, computer lab.

2.4 Teacher Profile and Quality



- Faculty strength: 7 members (Professors, Associate Professor, Assistant Professors)
- Teaching experience ranges from 7 to 39 years; research experience ranges from 12 to 41 years.
- Faculty involved in national and international professional societies, editorial boards, and invited talks.

2.5 Evaluation Process and Reforms



- Continuous evaluation through project work, research supervision, and performance in PG and Ph.D. programs.

2.6 Student Performance and Learning Outcomes



- Publications by students: NIL

- Ph.D. completions and high achievement in civil services, placements, and research fellowships.

2.7 Student Satisfaction Survey

- Indirectly reflected through achievements, participation in activities, and placement success.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Research projects: "Statistical Modelling for Covid-19 Spread Using Different Approaches" funded by CST-UP (2022–2024, Rs. 6,80,000)
- Departmental Library and Research Scholar room

3.2 Resource Mobilization for Research



- Faculty members actively publish research papers and supervise Ph.D. students.
- Google Scholar citations: Faculty members collectively have high citation counts and h-index.

3.3 Innovation Ecosystem

- Research spans applied and theoretical statistics, AI & ML, predictive modelling.
- Use of modern computational tools and statistical software.

3.4 Research Publications and Awards



- National publications: Nil
- International publications: 62
- Selected notable publications across faculty in journals like Communication in Statistics, Geojournal, OPSEARCH, Heliyon, Soft Computing etc.

3.5 Consultancy

- Paid consultancy: NIL
- Free consultancy: NIL

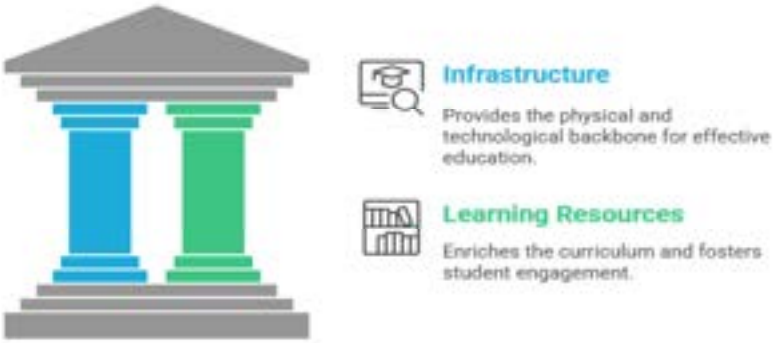
3.6 Extension Activities

- Organizing seminars, invited talks, alumni interactions, poster and quiz competitions.

3.7 Collaboration

- MoU's: NIL
- Professional collaborations through memberships in societies and editorial boards.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Computer Lab (5 Functional, 15 are not fully functional PCs, 1 projector, 1 smart board)
- Classrooms and faculty rooms
- Research scholar's room
- Departmental Library

4.2 Library as a Learning Resource

- Departmental library available for students and research scholars.

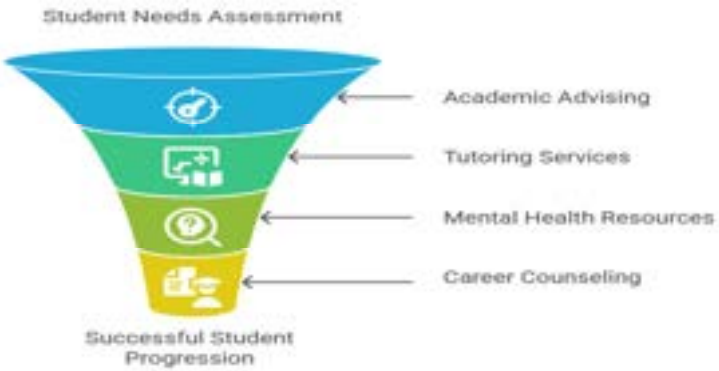
4.3 IT Infrastructure

- Computers, smart board, projector in labs
- Software support for statistical computations

4.4 Maintenance of Campus Infrastructure

- Regularly maintained classrooms, labs, and faculty rooms (implied from available facilities)

5. Student Support and Progression



5.1 Student Support

- Guidance for PG and Ph.D. programs

- Fellowship support for research students
- Alumni and placement support

5.2 Student Progression

- Achievements in civil services, higher education teaching, government and private jobs, and competitive exams.

5.3 Student Participation and Activities

- Alumni Meet, poster competition, quiz competition
- Engagement in workshops and invited talks

5.4 Alumni Engagement

- Alumni meet organized
- Alumni interactions for guidance and mentoring

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Mission: To inculcate statistical thinking for societal planning and welfare
- Vision: Excellence in statistical education and research

6.2 Strategy Development and Deployment

- Active participation in research, publications, and academic activities
- Curriculum designed for analytical and decision-making skills

6.3 Faculty Empowerment Strategies

- Involvement in professional societies, editorial boards, conferences, and workshops
- Mentorship for SWAYAM courses and departmental coordination

6.4 Financial Management and Resource Mobilization

- Funding received from CST-UP for research projects
- Department manages academic and research resources effectively

6.5 Internal Quality Assurance System

- Department maintains academic quality through research supervision, publications, and student achievement tracking

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Department contributes to society via statistical education, research, and guidance for students
- Focus on research with societal impact (e.g., COVID-19 modeling, agricultural statistics)

7.2 Best Practices

- Invited talks, alumni engagement, national/international collaborations, use of modern teaching tools, and computational support

7.3 Institutional Distinctiveness

- Strong research focus in applied and theoretical statistics
- Faculty active in professional societies and editorial boards
- High student achievement in civil services and placements

8. Faculty Profile (Department Specific)

8.1 Academic Details:

- **Dr. Surinder Kumar**
  Professor & Head
  Qualifications: M. Sc., Ph. D.
  Teaching & Research Experience: Teaching- 25 Years, Research-29 Years
  Area of Specialization: - Reliability Theory, Sequential Testing, Bayesian Analysis
- **Dr. Madhulika Dube**
  Professor
  Qualifications: M. Sc., Ph. D.
  Teaching & Research Experience: Teaching- 39 Years, Research-41 Years
  Area of Specialization: Econometrics, Biostatistics/Medical Statistics, Regression Modelling.

- **Dr. Subhash Kumar Yadav**
  Associate Professor
  Qualifications: M. Sc., Ph. D.
  Teaching & Research Experience: Teaching- 15 years, Research-18 years
  Area of Specialization: Sampling Theory, Regression Analysis, Distribution Theory, Disease Modeling

- **Dr. Rahul Varshney**
  Assistant Professor
  Qualifications: M. Sc., M. Phil., Ph. D.
  Teaching & Research Experience: Teaching- 12 Years, Research-18 Years
  Area of Specialization: Sampling Theory, Mathematical Programming, Optimization

- **Dr. Amit Kumar Misra**
  Assistant Professor
  Qualifications: M. Sc., Ph. D.
  Teaching & Research Experience: Teaching- 13 Years, Research-18 Years
  Area of Specialization: Stochastic Ordering, Reliability Theory, Redundancy Allocations, Sampling Theory

- **Dr. Minakshi Mishra**
  Assistant Professor
  Qualifications: M. Sc., Ph. D.

Teaching & Research Experience: Teaching- 7 Years and 5 months, Research-12 Years
Area of Specialization: Soft-Computing Techniques (ANN, Fuzzy Linear Regression), Linear and Non-linear Regression Analysis, Vital Statistics, Time Series Analysis

- **Dr. Prayas Sharma**
  Assistant Professor
  Qualifications: M. Sc., Ph. D.
  Teaching & Research Experience: Teaching- 9 Years, Research-11 Years
  Area of Specialization: Sampling, Predictive Modelling, AI & ML, Applied Statistics

8.2 Various Positions held in & out the Institution –

Dr. Surinder Kumar

- Indian Statistical Association (JISA), Pune, Life membership
- Indian Society for Probability and Statistics (ISPS), Life membership
- Indian Society of Agriculture Statistics (ICAR), Life membership
- Indian Association for Reliability and Statistics (IARS). Life membership
- The Kerala Statistical Association (KSA). Life membership
- Indian Society for Medical Statistics, Life membership
- Member Governing Body, Institute of Applied Statistics and Development Studies (IASDS), Lucknow, 2015-2018
- Head, Deptt. of Statistics. Babasaheb Bhimrao Ambedkar University, Lucknow.
- Head, Deptt. of Electric Engineering UIET, Babasaheb Bhimrao Ambedkar University, Lucknow
- Director, Residential Coaching Academy (RCA), UGC sanctioned, Babasaheb Bhimrao Ambedkar University, Lucknow
- Chairman, DRC member, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Chairman, BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
- School Board Member, School Board , School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow
- RDCU member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
- BPGS Member, Department of Statistics, Beer Bahadur Singh Purvanchal University,Jaunpur
- DRC Member, Department of Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow
- DRC Member, Department of Rural Management , Babasaheb Bhimrao Ambedkar University, Lucknow
- Chairman, Furniture Purchase Committee, Babasaheb Bhimrao Ambedkar University, Lucknow
- Chairman, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow

- DRC Member, Department of Statistics, Dr. Shakuntala Misra National Rehabilitation University, Lucknow

Dr. Madhulika Dube

- Coordinator, Office for International Affairs, BBAU, Lucknow from 2019 to till date
- Subject Expert, Board of Studies in Statistics, Chhatrapati Shahu ji Maharaj University, Kanpur (2025-2027)
- External Member, PG Board of Studies in Statistics, Department of Mathematics and Statistics, Central University of Punjab, Bathinda (2023-2025)
- Honorary Advisor & Expert, Institutional Research and Development Committee, Saraswati Dental College, Lucknow (2020- till date)

Dr. Subhash Kumar Yadav

- Indian Science Congress: Membership No. L14913
- Indian Society of Mathematics and Mathematical Sciences: Membership No. 270
- International Academy of Physical Sciences: Life member
- International Indian Statistical Association: IN-00-2728
- Indian Society of Agricultural Statistics: NLM/23-24
- Indian Society for Medical Statistics: 202334/LM
- Society of Statistics, Computer and Applications: IM 20230494
- Indian Society for Probability and Statistics: Life member
- DRC member, Department of Statistics BBAU, Lucknow.
- BPGS member, Department of Statistics BBAU, Lucknow.
- School Board Member, School of Physical and Decision Sciences, BBAU, Lucknow
- RDCU member Department of Statistics BBAU, Lucknow

Dr. Rahul Varshney

- Assistant Professor, Department of Statistics, BBAU, Lucknow.
- Research cum Statistical Officer, BBAU, Lucknow.
- Warden, Kanishka Boys Hostel, BBAU, Lucknow.
- Convener, CIIE, BBAU, Lucknow.
- Member, CIIE, University of Lucknow, Lucknow.
- Member, Ek Bharat Shreshtha Bharat, BBAU, Lucknow.
- Assistant Proctor at BBAU, Lucknow.
- Member of DRC at Department of Statistics, BBAU, Lucknow.
- Member of DAC at Department of Statistics, BBAU, Lucknow.
- Member, UG & PG admission committee at BBAU, Lucknow.
- Member, RAC, Department of Computer Science, BBAU, Lucknow.
- Member, RAC, Department of Statistics, University of Lucknow, Lucknow.
- Life member of International Indian Statistical Association (IISA).
- Life member of Indian Society for Probability and Statistics (ISPS) (ID: LM/2010/49/833).
- Life member of Kerala Statistical Association
- Life member of OPERATIONAL RESEARCH SOCIETY OF INDIA(ORSI) (ID:1128/R/15/ML)

- Life member of Indian Society for Medical Statistics

Dr. Amit Kumar Misra

- Student member of 'Institute of Actuaries of India'.
- Lifetime member of 'Indian Society for Medical Statistics'.
- Lifetime member of 'Indian Science Congress'.
- Lifetime member of 'Indian Bayesian Society'.
- Member, Students Grievances Committee, Department of Statistics, BBAU, Lucknow.
- Member, Departmental Council, Department of Statistics, BBAU, Lucknow.
- Member, Departmental Purchase Committee, Department of Statistics, BBAU, Lucknow.
- Member, Departmental IQAC, Department of Statistics, BBAU, Lucknow.
- Departmental Coordinator, Alumni Cell, Department of Statistics, BBAU, Lucknow.
- Departmental Training and Placement Coordinator, Department of Statistics, BBAU, Lucknow.
- Coordinator and Mentor for SWAYAM Courses, Department of Statistics, BBAU, Lucknow.
- Member, BPGS, Department of Statistics, BBAU, Lucknow

Dr. Minakshi Mishra

- Assistant Professor, Department of Statistics, BBAU, Lucknow, U.P., India (Permanent)
- Guest Lecturer, Jawaharlal Nehru Krishi Vishwavidyala, Jabalpur, M.P., India (Contractual)
- Observer, CTET exam 2021 by CBSE, New Delhi, India.
- Member of KVS teacher interview board 2023 nominated by BBAU, Lucknow, U.P., India.
- Nominated for vetting/moderation of *General Aptitude Test* Question paper, May 2025 in NTA, New Delhi, India.
- Administrative Warden of Sanghmitra Girls Hostel, BBAU, Lucknow for a period of two years with effect from 21st January, 2025 to 20th December, 2027.
- Member of RDCU at BBAU, Lucknow. (2024-2026)
- Member of BPGS at Department of Statistics, BBAU, Lucknow (2025-2027)
- Member of DAC at Department of Statistics, BBAU, Lucknow, U.P., India.
- Member of RAC, BBAU, Lucknow, U.P., India.
- Member of DPC, Department of Statistics, BBAU, Lucknow, U.P., India.
- Member of Departmental Council, Department of Statistics, BBAU, Lucknow, U.P., India.
- Departmental Cultural & Sports Coordinator, Department of Statistics, BBAU, Lucknow, U.P.
- External Paper setter at different Universities. (2023- till date)
- External Examiner of UG & PG students of Statistics Department in Amity University, Shakuntala University

Dr. Prayas Sharma

- Assistant Professor, Department of Statistics, BBAU, Lucknow, India.
- Assistant Professor, Indian Institute of Management Sirmaur (Permanent), H.P. India
- Assistant Professor, Gati shakti University, Vadodara, India (Permanent)
- Assistant Professor, UPES, Dehradun, India.
- Life Member of International Indian Statistical Association (IISA)
- Life Member of Indian Society of Probability and Statistics (ISPS) - LM/37/1497/2023
- Life Member of Epidemiology Foundation of India (LM-01753)
- Reviewer of GIAN Program, Ministry of Education, Government of India.

- Observer, NEET, UGC-CSIR NET-JRF, IIT etc. by Ministry of Education, GoI.
- Member of RDCU at BBAU, Lucknow. (2024-2026)
- Assistant Proctor at BBAU, Lucknow (2025- till date)
- Member of BPGS at Department of Statistics, BBAU, Lucknow (2025-2027)
- Member of DRC at Department of Statistics, BBAU, Lucknow. (2024-2026)
- Member of DAC at Department of Statistics, BBAU, Lucknow.
- Member of IQAC Steering Committee at BBAU, Lucknow. (2023-till date)
- Member of University level Ph.D. admission committee at BBAU, Lucknow. (2023-2025)
- Member of University level UG/PG admission committee at BBAU, Lucknow. (2023-2025)
- Member of RAC, Department of Statistics, Lucknow University, Lucknow, India.
- External Paper setter at different Universities. (2020- till date)
- External Examiner of MBA students at IMS Unison University, Dehradun.
- External Examiner on the Moderation Board of the School of Management, IMS Unison University Dehradun.

8.3 Research Publications

8.3.1 Research Articles

Dr. Surinder Kumar

- Paper titled Leveraging Rank Set Sampling for Enhanced Stress-Strength Estimation in the Context of Nakagami Distribution. By **S. Kumar**, R. Shukla, B. Meena and S. P. Singh published in the journal ***Reliability: Theory and Applications, 20(1(82)), 500-514*** with ISSN: 1932-2321/ 2025
- Paper titled Stress-Strength Modelling; Ranked Set and Simple Random Samplingin Generalized Inverse Weibull Analysis. By S. Kumar, B. Meena, R. Shukla and S. P. Singh published in the journal Reliability: Theory and Applications, 20(1(82)), 67-79 with ISSN: 1932-2321/ 2025
- Paper titled Length-Biased Distribution for Family of Life-Time-Testing Models and its Properties by S. Kumar, S. P. Singh, B. Meena and R. Shukla published in the journal International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol. 11 issue 03 PP 06-13 with ISSN-2348-4519/2024
- Paper titled The Length-Biased Weighted Wilson Hilferty Distribution and its Applications by S. P. Singh, S. Kumar, N. C. Kabdwal published in the journal Reliability: Theory and Applications, 19(2(78)), 232-246 with ISSN: 1932-2321/2024.

Dr. Madhulika Dube

- Paper titled (2025) Modified TOPSIS model enhanced by Shannon's Entropy weighting for evaluating agrarian advancement across multifarious Indian states by Trivedi, R. and **Dube, M**. published in the journal ***Geojournal*** (***Springer Nature***), 90:75 https://doi.org/10.1007/s10708-025-11321-9. **Impact Factor 2.5**

Dr. Subhash Kumar Yadav

- Paper titled Optimal strategy for improved estimation of population mean of sensitive variable using non-sensitive auxiliary variable by Zaagan, A.A., Sharma, D.K., Mahnashi, A.M., Meetei, M.Z., Yadav, S.K., Sharma, A. and Sharma, P. published in the journal Journal of Big Data, 12, 108, DOI: 10.1186/s40537-024-01045-x with ISSN: 2196-1115/2025
- Paper titled Interpreting the COVID-19 infection data of Indian provinces for Alpha, Delta, and Omicron variants using ARIMA and Machine Learning by Yadav, S.K., Mehra, M.,

Mishra, H.R. and Akhter, Y. published in the journal International Journal of Biomathematics, https://doi.org/10.1142/S1793524525500135 with ISSN: 1793-7159 /2025

- Paper titled Computation strategy for population mean in stratified random sampling: A problem of budget constraint by Verma, M.K., Yadav, S.K., Varshney, V. and Vishwakarma, G.K. published in the journal Statistical Journal of the IAOS, DOI: 10.1177/18747655251335756 with ISSN: 1874-7655. /2025
- Paper titled Efficient Searls predictive estimators for the computation of mean under ranked set sampling: an application to COVID-19 data by Yadav, S.K., Vishwakarma, G.K. and Singh, A. published in the journal International Journal of System Assurance Engineering and Management, DOI:10.1007/s13198-024-02673-5 with ISSN: 0976-4348/2025
- Paper titled Improved estimation strategy of mean using linear cost function under stratified sampling by Verma, M.K., Yadav, S.K., Varshney, R. and Vishwakarma, G.K. published in the journal Quality & Quantity, DOI: 10.1007/s11135-024-02021-6 with ISSN: 1573-7845/2025
- Paper titled Generalized Factor-Type Exponential Estimators of Population mean in Sample Surveys by Yadav, V.K., Prasad, S. and Yadav, S.K. published in the journal Boletim da Sociedade Paranaense de Matemática, 43, 1-23. DOI:10.5269/bspm.66504 with ISSN: 2175-1188 /2025
- Paper titled A computational strategy for estimation of mean using optimal imputation in presence of missing observation by Yadav, S.K., Vishwakarma, G.K. and Sharma, D.K. published in the journal Scientific Reports, 14, 6433. DOI: 10.1038/s41598-024-57264-y with ISSN: 2045-2322/2024
- Paper titled An Efficient Ratio Estimator of Population Mean for Simple Random Sampling by Sharma, R., Singh, L., Yadav, S.K., Kumar, M. and Kumar, A. published in the journal Journal of Mountain Research, 19(2), 443-454 with ISSN: 2582-5011/2024
- Paper titled an enhanced exponential dual to ratio-cum-product type Estimator of population mean under stratified random Sampling by Sharma, R., Singh, L., Yadav, S.K. and Kumar, S. published in the journal International Journal of Agricultural and Statistical Sciences, 20(2), 575-586 with ISSN: 0976-3392/2024
- Paper titled A New Generalized Estimator of Population Mean Utilizing Auxiliary Parameters by Malik, D., Singh, L., Sharma, R., Yadav, S.K. and Kumar, M. published in the journal Journal of Mountain Research, 19(1), 319-327 with ISSN: 2582-5011/2024
- Paper titled an effective and economic estimation of population mean in stratified random sampling using a linear cost function by Zaagan, A.A., Verma, M.K., Mahnashi, A.M., Yadav, S.K., Ahmadini, A.A.H., Meetei, M.Z. and Varshney, R. published in the journal Heliyon, 10 (2024) e31291 with ISSN: 2405-8440/2024
- Paper titled Introducing new optimal class of Searls estimators of population mean using powered auxiliary parameters by Yadav, S.K. and Sharma, D.K. published in the journal International Journal of Operational Research, 49(3), 311-325 with ISSN: 1745-7653/2024
- Paper titled Refined Batch of Estimators for Estimating Population Mean with the help of known Auxiliary Parameters by Singh, L., Malik, D., Kumar, M. and Yadav, S.K. published in the journal International Journal of Agricultural and Statistical Sciences, 20(1), 299-307 with ISSN: 0976-3392/2024
- Paper titled Computing the Population Mean in Stratified Sampling Using an Auxiliary Attribute by Zaagan, A.A., Meetei, M.Z., Singh, S., Gupta, R., Yadav, S.K. and Verma, M.K. published in the journal Journal of Autonomous Intelligence, 7(5), 12-21with ISSN: 2630-5046/2025

- Paper titled Leishmania donovani Modulates Macrophage Lipidome During Infection by Shams Tabrez et al. published in the journal Parasite Immunology, 46: e13066, https://doi.org/10.1111/pim.13066 with ISSN:1365-3024/2025
- Paper titled Exploring Online Community Search Interest on Temporal Dynamics of Ayodhya: A Case Study of the Ram Mandir based on Google Search Trends Insight by Verma, N.K., Yadav, S.K. and Verma, M.K. published in the journal Annals of Library and Information Studies, 71, 331-340, DOI: 10.56042/alis. v71i3.10117 with ISSN: 0972-5423/2024
- Paper titled Predictive modeling for sugarcane production: A Comprehensive comparison of ARIMA and machine Learning algorithms by Singh, V., Verma, M.R. and Yadav, S.K. published in the journal Applied Biological Research, 26(1), 173-183 with **ISSN:** 0974-4517/2024
- Paper titled Optimal Strategy for Elevated Estimation of Population Mean in Stratified Random Sampling under Linear Cost Function by Yadav, S.K., Verma, M.K. and Varshney, R. published in the journal Annals of Data Science, DOI: 10.1007/s40745-024-00520-9 with ISSN: 2198-5804/2024
- Paper titled Improved memory-type ratio estimator for population mean in stratified random sampling under linear and non-linear cost functions by Pal, A., Varshney, R., Yadav, S.K. and Zaman, T. published in the journal Soft Computing, DOI: 10.1007/s00500-023-09598-4 with ISSN: 1433-7479/2024.
- Paper titled an efficient family of ratio type estimators for simple random sampling by Yadav, S.K., Arya, D.,Koc, T. and Zaman, T. published in the journal Journal of Science and Arts, 24(1), 69-94 with ISSN: 2068-3049/2024.

Dr. Rahul Varshney

- Paper titled Problem of Compromise Allocation in Multivariate Stratified Sampling Using Intuitionistic Fuzzy Programming by Gupta, S., Haq, A. and Varshney, R. published in the journal Annals of Data Science, 11, 425–444. https://doi.org/10.1007/s40745-022-00410-y
- Paper titled an effective and economic estimation of population mean in stratified random sampling using a linear cost function by Zaagan, A.A., Verma, M.K., Mahnashi, A.M., Yadav, S.K., Ahmadini, A.A.H., Meetei, M.Z. and Varshney, R. published in the journal Heliyon, 10 (2024) e31291 with ISSN: 2405-8440/2024
- Paper titled Improved memory-type ratio estimator for population mean in stratified random sampling under linear and non-linear cost functions by Pal, A., Varshney, R., Yadav, S.K. and Zaman, T. published in the journal Soft Computing, DOI: 10.1007/s00500-023-09598-4 with ISSN: 1433-7479/2024
- Paper titled Optimal Strategy for Elevated Estimation of Population Mean in Stratified Random Sampling under Linear Cost Function by Yadav, S.K., Verma, M.K. and Varshney, R. published in the journal Annals of Data Science, DOI: 10.1007/s40745-024-00520-9 with ISSN: 2198-5804/2024.

Dr. Amit Kumar Misra

- Paper titled Adjustment of Truncation Effect in First Birth Interval using Current Status Data Technique by Kumar, S., Kumar, A., Misra, A. K., Kishun, J., and Singh, U. published in the Journal of Biostatistics and Epidemiology, 10(2), 192–208. https://doi.org/10.18502/jbe.v10i2.17644 /2024.

Dr. Minakshi Mishra

- Paper titled A Study of the Fuzzy Linear Regression Model and the Least Square Approach for Depicting the Association between Potato (Solanum tuberosum l.) Yield and Growth Attributing Characters by Rana, L., Banerjee, H., Mishra, M., Rajput, J. and Kumar, N. published in the journal Advances in Agricultural Technology & Plant Sciences, 7(1): 180100. / 2024
- Paper titled Application of GMDH-type ANN model for Prediction of Total Fertility Rate: A case study of India by Mishra, M. and Kumar, A. published in the journal International Journal of Ecological Economics and Statistics, 46: 12-24. /2025
- Paper titled Impact of Helminth Parasite on Length and Weight Relationship in catfish Heteropneustus fossilis (Bloch, 1794) of Gomti River, Lucknow by Yadav, M., Mishra, M., Srivastava, R. and Jaiswal, N. published in the journal Journal of Parasitic Diseases, 49: 524-532. /2025

Dr. Prayas Sharma

- Paper titled Balancing accuracy and cost: a new estimator for stratified random sampling by **Sharma, P.**, Pusa, N., Kumari, M., & Singh, P. by Published in the journal ***Communications in Statistics - Simulation and Computation***, 1–17. https://doi.org/10.1080/03610918.2025.2552216 **(SCIE, IF-1.2, Q2)/2025**
- Paper titled Estimation of population variance using EWMA in simple random sampling by **Sharma, P.**, Singh, P. & Kumari, M. Published in the journal ***Qual Quant***. https://doi.org/10.1007/s11135-025-02392-4 **(Q1)/2025**
- Paper titled Advancing Stratified Sampling: Optimized Mean Estimation via Linear Cost Structures. by **Sharma, P.**, Kumari, M. & Singh, P. Published in the journal ***J Stat Theory Pract*** 19 (55). https://doi.org/10.1007/s42519-025-00470-2/2025
- Paper titled Enhanced estimation of population mean via exponential-type estimator using dual auxiliary inputs by Singh, P., Maurya, P., & **Sharma, P.** Published in the journal ***Applied Mathematics in Science and Engineering***, *33*(1). https://doi.org/10.1080/27690911.2025.2554121 **(SCIE, Q1, IF-2.5)**
- Paper titled Modern techniques in variance estimation with auxiliary information: a logarithmic perspective by Singh, P., **Sharma, P.**, Singh, A., & Kumari, A. Published in the journal ***Arab Journal of Basic and Applied Sciences***, *32*(1), 304–319. https://doi.org/10.1080/25765299.2025.2546205./2025
- Paper titled Log-transformed approaches to variance estimation using auxiliary data by Poonam Singh, **Prayas Sharma,** Anjali Singh, Tolga Zaman, Walid Emam Published in the journal ***Journal of Radiation Research and Applied Sciences***, 18(4), 101913, ISSN 1687-8507, https://doi.org/10.1016/j.jrras.2025.101913./2025
- Paper titled Variance Estimation Techniques in Time Scale Survey using Dual Auxiliary Variables: Mathematical and Simulation Approach: by Kumari, M., **Sharma, P.**, & Singh, P. Published in the journal ***REVSTAT-Statistical Journal***. https://revstat.ine.pt/index.php/REVSTAT/article/view/922 /2025
- Paper titled Family of Estimators for Estimating Population Median using Auxiliary Information in Survey Sampling by **Sharma, P.** ., Lata, A. ., Yadav, S. K. ., & Noor-ul-Amin, M. Published in the journal ***Journal of Reliability and Statistical Studies***, *18*(02), 343–370. https://doi.org/10.13052/jrss0974-8024.1824 /2025
- Paper titled Variance estimation using Bernoulli auxiliary variable for time-scaled survey by **Sharma, P.**, & Kumari, M. Published in the journal ***Hacettepe Journal of Mathematics and Statistics***, 54(2), 779-796. https://doi.org/10.15672/hujms.1580875 /2025
- Paper titled Optimizing supply chain of aviation arm of defense service: harnessing predictive analytics for enhanced spare forecasting accuracy by **Sharma, P**., Kamthan, V., Singh, A. *et al.* Published in the journal ***Int J Syst Assur Eng Manag*.** https://doi.org/10.1007/s13198-025-02860-y/2025

- Paper titled A New Class of Logarithmic Estimators using Subsidiary Information: Real-World Applications and Simulation Insights by Singh, P., Singh, A. & **Sharma, P.** Published in the journal ***Sankhya B*** 87, 319–345. https://doi.org/10.1007/s13571-025-00356-0 /2025
- Paper titled Addressing non-response and measurement errors in time-scaled surveys by Singh, P., Maurya, P. & **Sharma, P.** Published in the journal ***Discov Appl Sci*** 7, 374. https://doi.org/10.1007/s42452-025-06676-0/2025
- Paper titled Estimation of population mean using generalized neutrosophic exponential estimators by Singh, P., **Sharma, P.,** & Singh, A. Published in the journal ***Research in Mathematics***, *12*(1). https://doi.org/10.1080/27684830.2025.2474774 /2025
- Paper titled Enhanced Mean Estimation Using Memory Type Estimators with Dual Auxiliary Variables by Kumari, M., **Sharma, P.,** Singh, P., & Ozel, G. Published in the journal ***REVSTAT-Statistical Journal***. https://doi.org/10.57805/revstat.vi.892/2025
- Paper titled A Statistical Neutrosophic Analysis to measure WhatsApp affect in improving the Academic Performance by **Sharma, Prayas.**, Kumar, Ashish., Afful, Benedict., Agrawal, Bharti., Kumar, Gopal. Published in the journal ***International Journal of Neutrosophic Science***, 26(3), 366-377. DOI: https://doi.org/10.54216/IJNS.260327/2025
- Paper titled ALMOST UNBIASED ESTIMATOR FOR UNKNOWN POPULATION MEDIAN USING AUXILIARY INFORMATION by Singh, R., Yadav, S. K., & **Sharma, P.** Published in the journal *Pak. J. Statist*, *41*(2), 139-150./2025
- Paper titled Estimation of Population Mean using Neutrosophic Exponential Estimators with Application to Real Data by Singh, Anjali., Singh, Poonam., Sharma, Prayas., & Aloraini, Badr. Published in the journal ***International Journal of Neutrosophic Science***, 25(3), 322-338. DOI: https://doi.org/10.54216/IJNS.250329/2025
- Paper titled Enhancing Accuracy in Population Mean Estimation with Advanced Memory Type Exponential Estimators by Singh, P., **Sharma, P.**, & Maurya, P. Published in the journal Journal ***of Reliability and Statistical Studies***, *17*(02), 417–434. https://doi.org/10.13052/jrss0974-8024.1728 /2025
- Paper titled Optimizing Population Mean Estimation in Stratified Sampling using linear cost: A Simulation Study by Singh, P., **Sharma, P**., Singh, R., Aloraini, B., & Akhtar, A. Published in the journal Heliyon, 10(24), e40878 https://doi.org/10.1016/j.heliyon.2024.e40878/2024
- Paper titled Estimation Procedures for Population Mean using EWMA for Time Scaled Survey by **Sharma, P**., Singh, P., Kumari, M. *et al.* Published in the journal Sankhya ***B***. https://doi.org/10.1007/s13571-024-00347-7 /2024
- Paper titled A NEW LOGARITHMIC TYPE ESTIMATORS FOR ANALYSIS OF NUMBER OF AFTERSHOCKS USING POISSON DISTRIBUTION by ZAMAN, T., IFTIKHAR, S., SOZEN, C., & **SHARMA, P.** Published in the journal *Journal of Science and Arts*, *24*(4), 833-842. /2024
- Paper titled EWMA control charts based on robust estimators: A powerful tool for monitoring a process with a non-normal distribution by Sanaullah, A. Chaudhary, A.M., Hanif, M. & **Sharma, P.** Published in the journal ***Journal of Computational and Applied Mathematics***, Volume 449, 115919, ISSN 0377-0427. https://doi.org/10.1016/j.cam.2024.115919 /2024
- Paper titled Enhancing process mean monitoring efficiency using extended-EWMA control chart with auxiliary information by Sanaullah, A., Hussain, A. & **Sharma, P.** Published in the journal *Int. J. Syst. Assur. Eng. Manag.*, 15, 3522–3537. https://doi.org/10.1007/s13198-024-02360-5./2024
- Paper titled Generalized log type estimator of population mean in adaptive cluster sampling by Singh, R., **Sharma, P.,** & Mishra, R. Published in the journal *Journal of statistics applications & probability letters*, *11*(2), 73-79. /2024

- Paper titled (2024). New memory-based ratio estimator in survey sampling by Aslam, I., Amin, M. N., Mahmood, A., & **Sharma, P.** Published in the journal *Natural and Applied Sciences International Journal (NASIJ)*, *5*(1), 168–181. https://doi.org/10.47264/idea.nasij/5.1.11 /2024

8.3.2 Books / Edited Books:

Dr. Amit Kumar Misra

- Dr. Amit Kumar Misra has contributed in the book titled'**An Introduction to Probability Theory and Its Applications, Vol. 1, 3ed, An Indian Adaptation**' by **William Feller**. **ISBN-13: 978-9363868496, ISBN-10: 9363868494**.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance:

Dr. Madhulika Dube

- Book chapter titled "Simple and Multiple Linear Regression" By Dube, M. & N.M.P. Verma in the book titled **"Research Methodology for Social Sciences"**, Published by Devyani Publishers and Distributors, ISBN: 978939 3751362.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures:

Dr. Surinder Kumar

- Delivered 02 invited talks in different workshop/training programme/FDP organized by different professional/academic bodies

Dr. Subhash Kumar Yadav

- Delivered 14 invited talks in different workshop/training programme/FDP organized by different professional/academic bodies

Dr. Rahul Varshney

- Delivered 05 invited talks in different workshop/training programme/FDP organized by different professional/academic bodies

Dr. Amit Kumar Misra

- Delivered an invited talk on 'On the Game of Moksh-Patam' in the International Conference on Recent Developments in the Techniques of Bayesian Paradigm organized by the Department of Statistics, BHU, Varanasi, during January 06-08, 2025.
- Participated and chaired a session in the International Workshop on Bayesian Frontiers: Unveiling the Future of Statistical Modeling and Inference organized by the Department of Statistics, BHU, Varanasi, during January 03-05, 2025.
- Participated and chaired a session in the International Workshop on Reliability Theory and Survival Analysis (IWRTSA-2024), organized by the Department of Statistics, BHU, Varanasi, during December 21-23, 2024.
- Delivered 3 invited talks in different seminar/symposia/workshop/training programme/FDP organized by different professional/academic bodies.

Dr. Minakshi Mishra

- Delivered an invited talk on "**Introduction to Statistics"** at Shri Ramswaroop Memorial University, Lucknow, U.P. on **14th November, 2024**.

Dr. Prayas Sharma

- Delivered an invited talk in National Conference on "Statistical Methods and Applications in Interdisciplinary Areas" (SMAIA-2025) on "*Enhanced Mean Estimation Using Memory*

Type Estimators with Dual Auxiliary Variables" on April 11-12, 2025, organized by the Department of Statistics, University of Delhi.

- Delivered a talk as resource person in One day workshop on "*CONCEPT OF RESEARCH IN STATISTICS*" organized by the Department of Statistics, Mahatma Gandhi Kashi Vidyapith, Varanasi on June 27, 2025.
- Delivered a talk as resource person in One day workshop on "*CONCEPT OF ETHICS OF RESEARCH, THESIS WRITING*" organized by the Department of Statistics, Mahatma Gandhi Kashi Vidyapith, Varanasi on June 29, 2025.
- Delivered an invited talk on "Data Analysis using SPSS: Regression Analysis" on November 4th & 5th, 2024, as part of the one-month online certificate program on Data Analysis Using SPSS, organized by the Institute of Applied Statistics, Kanpur, India, under the Research and Development Scheme from October 7th to November 8th, 2024.
- Attended The Instructional Schools for Teachers (IST) on "Mathematical Foundation for Data Science and Machine Learning using MATLAB (MFDSMLM2025)" at IIIT Naya Raipur, Chhattisgarh during June 02-14, 2025.

- Attended a NCM workshop on "*Introduction to Statistical learning Techniques"* hosted by Indian Statistical Institute (ISI), Kolkata from July 1-13, 2024.

- Attended a Summer School on "*Mathematical Foundation of Data Science and Machine Leaning (MFDSML-2024)"* organized by *Centre of Applied Mathematics, IIIT Naya Raipur* from June 04-09, 2024

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Dr. Surinder Kumar

- Bhupendra Meena has enrolled for a Ph. D. with the thesis titled "Various Life Testing Models and their Estimation through New Techniques".
- Kavita Kesarwani has enrolled for a Ph. D. with the thesis titled "Various Inferential Procedures for Reliability Models based on Advanced Censoring Schemes".
- Rahul Shukla has enrolled for a Ph. D. with the thesis titled "Inferential Procedures for Various Life Testing Models through Classical and Bayesian Techniques"
- Anand Kumar Kashaudhan has enrolled for a Ph. D. with the thesis titled "Classical and Bayesian Approaches to Reliability Estimation: A Comparative Study of Lifetime Models under various Censoring Schemes"

Dr. Madhulika Dube

- Ritanshi Trivedi has enrolled for a Ph. D. with the thesis titled "Uncovering the Latent Structure of Spatiotemporal Disparities in Regional Development in India: Statistical Evaluation and Modelling"

Dr. Subhash Kumar Yadav

- Saif Ali Khan has enrolled for a Ph. D. with the thesis titled "Infectious Disease Modeling through Distinct Statistical & Machine Learning Techniques".
- Mehdi Ali has enrolled for a Ph. D. with the thesis titled "Improved Estimation of Population Parameters in Sampling Theory"
- Mansi Mohan has enrolled for a Ph. D. with the thesis titled "A Study on Different Diseases Using Various Statistical and Machine Learning Models"

Dr. Rahul Varshney

- Mr. Mukesh Kumar Verma has enrolled for a Ph. D. with the thesis titled "Some Contributions to the Sampling Theory using Non-Linear Programming Techniques".
- Mr. Satyam R. Sharma has enrolled for a Ph. D. with the thesis titled "A Study on Multivariate-Multiobjective Sample Surveys: Mathematical Programming Problems and Solutions".

Dr. Amit Kumar Misra

- Mr. Shivendra Prtatap Singh has enrolled for a Ph. D. with the thesis titled "On some contributions in reliability theory and theory of stochastic orders", Co-supervisor Prof. Surinder Kumar.
- Ms. Dhairya Tripathi has enrolled for a Ph. D. with the thesis titled "Stochastic Modelling and Estimation of Human Fertility Parameters" Co-supervisor: Dr. Anup Kumar, Additional Professor, SGPGI, Lucknow.

Dr. Minakshi Mishra

- Ms. Priyanka Nigam has enrolled for a Ph. D. with the thesis titled "Influence of Socio-Demographic Factors on Female Literacy in Various Zones of India: A Statistical Analysis"

Dr. Prayas Sharma

- Ms. Mamta Kumari has enrolled for a Ph. D. with the thesis titled "Role of Auxiliary Information in Estimation of Population Parameter(s) in Survey Sampling".
- Ms. Anupam Lata has enrolled for a Ph. D. with the thesis titled "Estimation of Population Parameter(s) Using Suitable Auxiliary Information in Survey Sampling"

8.3.5.2 Ph. D. Awarded

Dr. Subhash Kumar Yadav

- Ph. D. Awarded to Diksha Arya on the thesis titled "A Certain Study on Estimation of Population Parameters in Survey Sampling"

Dr. Minakshi Mishra

- Ph. D. Awarded to Anuj Kumar on the thesis titled "Prediction of fertility measures for India: A comparative analysis"

8.3.6 Projects/Consultancy/and any other:

Dr. Subhash Kumar Yadav

- **Research Grant of Rs. 6,80,000.00/- for the project titled "Statistical Modeling for Covid-19 Spread Using Different Approaches"** Sponsored by "Council of Science and Technology, Uttar Pradesh" was granted in 2022 for the period of two years.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements:

Dr. Prayas Sharma

- Best Teacher Award 2025 by Babsaheb Bhimrao Ambedkar University (A Central University), Lucknow, Uttar Pradesh.

9. Summary of Department/Centre:

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil

2.	Total number of journal publications by Department (International)	58
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	Nil
5.	Total number of PhD degree awarded by Department	02
6.	Total number of PG students	38
7.	Total number of UG students	N/A
8.	Total number of diploma/certificates students (if any)	N/A
9.	Total number of students placed	28
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	08
17	Total number of total number of students opted for higher studies	05

Integrated B.Sc.-M.Sc. (Basic Science)

About the Course

The Integrated Basic Science Programme was initiated in 2013 under the Innovative and Contemporary Programme at Babasaheb Bhimrao Ambedkar Central University, Lucknow. It is a five-year integrated programme designed on the pattern of IISERs, with an exit option after three years with a B.Sc. degree. The course aims to provide a strong foundation in Physics, Chemistry, Mathematics, and Biology, leading to specialization in advanced areas. The curriculum is aligned with the New Education Policy and emphasizes interdisciplinary and transdisciplinary learning.

Departmental Strength

- Highly qualified and research-oriented faculty with publications in reputed journals.
- Diverse course structure offering flexibility and research exposure.
- Strong record of student achievements (GATE, Ph.D. selections).
- Active academic culture with seminars, special lectures, and cultural events.
- Collaborations and guest lectures by eminent scientists from national institutes.

Next Year Plan (2025-26)



- Introduction of elective courses aligned with current scientific advancements.
- Development of interdisciplinary research laboratories and facilities.
- Organization of national-level seminars and workshops.
- Establishing linkages with research institutes and industries for student internships.
- Enhancement of digital and e-learning infrastructure to support blended learning.

1. Curricular Aspects

1.1 Curriculum Design and Development



- The Integrated Basic Science course is structured on a multidisciplinary model combining Physics, Chemistry, Biology, and Mathematics. The curriculum follows NEP guidelines and IISER patterns, promoting flexibility, innovation, and holistic learning.

1.2 Curricular Planning and Implementation

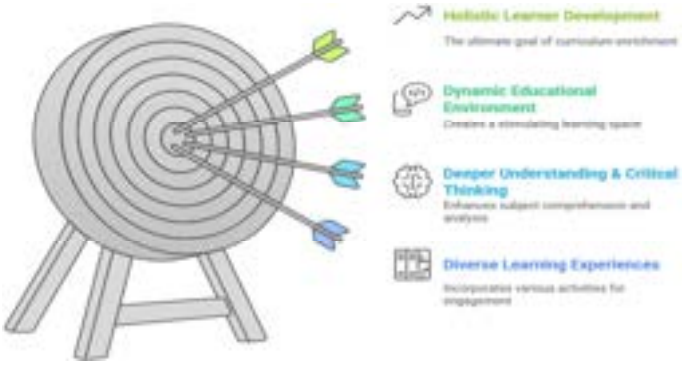
- Courses are regularly updated to align with recent scientific developments. Faculty members participate in academic councils for syllabus revision and teaching strategies. The program ensures student-centered learning through project-based and collaborative approaches.

1.3 Academic Flexibility



- The department provides elective options in the third and fourth years, allowing students to specialize based on their interests. Exit options after three years with a B.Sc. degree add flexibility for diverse academic pathways.

1.4 Curriculum Enrichment

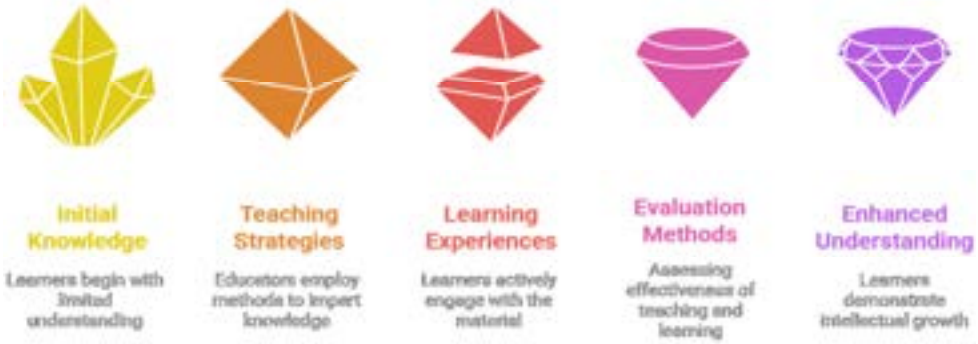


- Courses include interdisciplinary components, such as computational skills, scientific inquiry, and conceptual inquiry. Exposure to transdisciplinary learning and advanced research projects enriches student learning.

1.5 Feedback System

- Feedback from students, alumni, and faculty is collected and analyzed periodically to improve curriculum content and teaching methodologies.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- The intake capacity for the programme is 72 students with eligibility criteria of PCM/PCB at the intermediate level. Students come from diverse academic and regional backgrounds, enriching classroom diversity.

2.2 Catering to Student Diversity



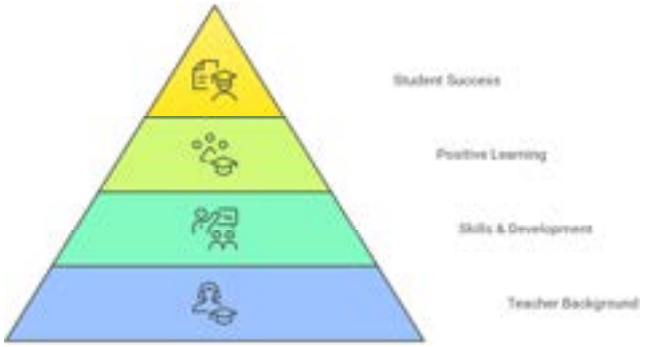
- Mentoring and counseling systems are in place to support students from varied academic backgrounds. Special attention is given to slow learners through remedial sessions.

2.3 Teaching-Learning Process



- Teaching is conducted through a blend of lectures, lab sessions, and project-based learning. Innovative pedagogical tools, including ICT-enabled learning, are employed to enhance engagement.

2.4 Teacher Profile and Quality



- Faculty members are highly qualified and experienced researchers.
- **Prof. Rajesh Kumar** – Ph.D. (Microbiology), specialization in Bioremediation and Hydrocarbon Nanogel.
- **Dr. Shabnam Khan** – Ph.D., specialization in Aquatic Microbiology.
- **Dr. Ranjan Singh** – Expertise in environmental modeling and water pollution prediction.
- **Dr. Manoj Kumar** – Research focus on organic synthesis and applied chemistry.

2.5 Evaluation Process and Reforms

- The department follows a continuous internal assessment model with mid-semester exams, practical assessments, and final evaluations. Transparency and timely feedback are maintained.

2.6 Student Performance and Learning Outcomes



- High pass percentage with students qualifying for national-level examinations (e.g., GATE, Ph.D. admissions).
    - 33 students completed M.Sc.
    - pursuing higher studies; 3 selected in government jobs.
    - GATE AIR 4019 achieved by Ms. Astha Priyadarshini (2024).

2.7 Student Satisfaction Survey

- Feedback indicates high satisfaction with curriculum quality, teacher accessibility, and laboratory support.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- Research is integrated into the curriculum with a thesis requirement in the fifth year. Faculty guide research projects and publish in peer-reviewed journals.

3.2 Resource Mobilization for Research



- Efforts are being made to secure external funding. Faculty members collaborate with researchers from national institutions.

3.3 Innovation Ecosystem

- Students are encouraged to undertake innovative projects and participate in interdisciplinary research activities.

3.4 Research Publications and Awards



- Several high-impact publications in international journals (Springer, Elsevier, etc.).
- Prof. Rajesh Kumar and team published multiple research papers in 2024–25.
- Received “Outstanding Research Achievement Award” (2024), BBAU.

3.5 Consultancy

- No consultancy work reported during 2024–25.

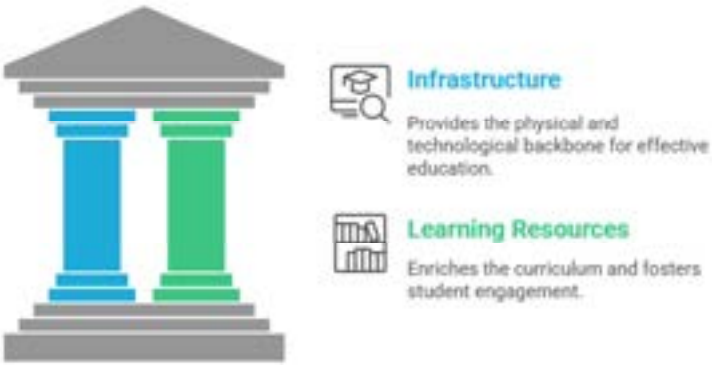
3.6 Extension Activities

- Cultural and sports activities are organized regularly (e.g., Teachers’ Day, Welcome, Farewell, Friendly Cricket Match).

3.7 Collaboration

- Academic interactions with professors from Lucknow University, IET, CSIR-CIMAP, NBRI, ICAR-IISR, and CFTRI Lucknow through departmental visits and guest lectures.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Adequate classrooms, laboratories, and facilities for teaching and research. Departmental library supports student needs.

4.2 Library as a Learning Resource

- Departmental library with textbooks, reference materials, and access to digital resources.

4.3 IT Infrastructure

- Use of ICT in teaching; plans to expand digital resources and virtual lab access.

4.4 Maintenance of Campus Infrastructure

- Regular maintenance of classrooms, labs, and IT systems with university-level support.

5. Student Support and Progression



5.1 Student Support

- Guidance and mentoring provided by faculty members for academic and personal growth. Support for GATE and higher education pursuits.

5.2 Student Progression

- Students have shown commendable progress in academic and research fields. Several alumni are engaged in teaching, research, and government jobs.

5.3 Student Participation and Activities

- Students actively participate in co-curricular and cultural programs (Teachers' Day, Freshers', Farewell). Department encourages participation in conferences and workshops.

5.4 Alumni Engagement

- Department plans to formalize alumni interaction for mentoring, networking, and collaborative initiatives.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- The department aligns with the institutional vision of promoting excellence in education, research, and innovation.

6.2 Strategy Development and Deployment

- Strategic focus on enhancing academic quality, faculty research, and student performance.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to attend seminars, publish research, and develop MOOC content. Prof. Rajesh Kumar developed online MOOC materials.

6.4 Financial Management and Resource Mobilization

- Department utilizes allocated funds efficiently for academic and research activities.

6.5 Internal Quality Assurance System

- Regular review meetings ensure continuous quality improvement in teaching and research.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- The department promotes scientific temper, ethical values, and environmental sustainability through its curriculum and outreach.

7.2 Best Practices

- Integration of research and teaching.
- Focus on environmental sustainability and bioremediation studies.
- Collaborative lectures by eminent scientists.

7.3 Institutional Distinctiveness

- Unique integrated structure combining undergraduate and postgraduate education; emphasis on research and innovation from the early years of study.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Rajesh Kumar**
  Professor & Co-ordinator
  Specialization: Bioremediation of Hydrocarbon Stem nanogel Bioremediation

Qualifications: M. Sc. (Microbiology), Ph. D.

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

Prof. (Dr.) Rajesh Kumar

- Bhargawa, P.K., Tiwari, Shweta., Kumar, Saroj and Kumar Rajesh (2025). Integrated Treatment of Textile Wastewater and Methyl Orange Azo Dye: Constructed Wetland-Based Remediation Enhanced by Bacterial Treatment. Int J Environ Res 19, 84 (2025). https://doi.org/10.1007/s41742-025-00755-1
- Bharti S., Singh B., Kumar S., Kumar Rajesh., and Kumar J. (2024). Synthesis of bio-stabilized silver nanoparticles using Roccella montagnei, their anticandidal capacities & potential to inhibit the virulence factors in fluconazole-resistant Candida albicans. World Journal of Microbiology and Biotechnology. ISSN: 0959-3993. DOI: 10.1007/s11274-024-03928-w.
- Suman U, Divya B., Sangeeta D., Rajesh K. and Ram C. (2024). Health benefits and antibacterial properties of probiotics isolated from fermented food products. Open Access J Microbiol. Biotechnol. ISSN: 2576-7771. DOI: 10.23880/oajmb-16000289.
- Kumar M., Kumar Rajesh, Maurya Aditya, Tripathi Achalesh and Tripathi Jahnvi (2025). Synthesis of benzimidazoles using high yield thermal method. International J Multidisciplinary Res. 7(3): 1-25, E-ISSN: 2582-2160.
- Khan, S., Yadav, G., Singh, A., Kumar, R. 2024. Application of some Essential Bacterial Probiotics in Aquaculture: A Review. Research and Reviews: A Journal of Life Sciences. Vol.14 (1): pp 22-30. ISSN: 2249-8656 http://doi.org/10.37591.
- Khan, S., Singh, A., Yadav, G., Julee, Kumar, R. 2024. A Comprehensive Review on the impact of Aquatic Pollution on Fish. Research and Reviews: A Journal of Veterinary Science and Technology. Vol.13 (1): pp 1-12. ISSN: 2319-3441 http://doi.org/10.37591.
- Khan, S., Singh, R. R., Priyadarshini, A., Kumar, R. 2024. Exploring the Synergistic effects of Heavy Metal contaminants on Aquatic organisms International Journal of Marine Life. Vol.1 (2): pp 17-20. ISSN: 3048-8885 http://doi.org/10.37591.

8.3.1 Research Articles

8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Prof (Dr.) Rajesh Kumar

- Ratna, S., Kumar, A., Kumar, S., Kumar, G., Kumar, R. (2025). Microbial Population Dynamics in Constructed Wetlands and Their Role in Wastewater Treatment. In: Kumar, M., Singh, N.K., Mathuriya, A.S. (eds) Integrated Bioeletrochemical–Constructed Wetland System for Future Sustainable Wastewater Treatment. Springer Transactions in Civil and Environmental Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-96-2814-8_5. Pp. 121-140.
- Sheel Ratna, Monika Singh, Adarsh Kumar and Rajesh Kumar (2024). PGPR assisted phytoremediation of industrial wastewater for environmental sustainability In Nature-Based Wastewater Treatment Systems (Adarsh Kumar, Saroj Kumar and Sheel Ratna Eds.) CRC press 06th December 2024, DOI: https://doi.org/10.1201/9781003441144. ISBN: 9781003441144. Chapter 10. 16 pages.

- Tripathi A, Kumar M, Kumar Rajesh and Shukla A. (2025). Tuberculosis based chemotherapeutics: A frontier in drug discovery and development. Shashwat Publications (Multidisciplinary approaches to Chemical Sciences-Vol 1). ISBN 978-93-6087-681-4.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Sheel Ratna, Rajesh Kumar; "Isolation and screening of plant growth promoting-biosurfactant and Ligninolytic producing bacteria for bioremediation of distillery wastewater" at 108th Indian Science Congress held on 3rd -7th January 2023 organized in Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- Ajay Prakash, Rajesh Kumar; "Biosurfactant assisted bioremediation of crude oil and petroleum hydrocarbon contaminated site." at 108th Indian Science Congress held on 3rd -7th January 2023 organized in Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- Rajesh Kumar (2024). Industial waste to wealth: A sustanable future in industrial Microbiology at Graphic Era University 566/6, Bell Road, Society Area, Clement Town, Dehradun, Uttarakhand.

Prof Rajesh Kumar

- Delivered keynote address Industrial waste to wealth: A sustainable future in industrial microbiology, keynote address delivered on 3rd May, 2024 at National Conference on Microbial Innovations & Challenges in research: Opportunities for sustainability 2024 (Micros 2024) held at Department of Microbiology, Graphic Era University, Dehradun from 3-4th may, 2024 and sponsored by GEU, DBT, NSERB-DST.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	0
3.	Total number of publications in conference proceedings	0
4.	Total number of workshops/conferences/seminars/etc organized by Department	0
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	86
7.	Total number of UG students	111
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	5
10	Total number of Award and Medals	02
11	Total number of Patents/copyright filed/granted	0
12	Total number of sponsored research project sanctioned	0
13	Total number of consultancy projects sanctioned	0

14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	01
17	Total number of total number of students opted for higher studies	05

School of Performing Arts

Department of Music

About the Department

The Department of Music was established in pursuance of the resolution of the 69th meeting of the Board of Management and the notifications no. 2484/BBAU/18 dated 23.02.2018 and no. 609/BBAU/20 dated 19.03.2020. The department started its first Certificate Course in Music from the academic session 2022–23.

It is committed to preserving and promoting the rich cultural heritage of Indian classical music while also providing exposure to contemporary forms. Through training, seminars, cultural performances, and invited lectures, the department offers students opportunities to develop both academic and performance-based excellence.

Strengths of the Department

- Qualified and committed faculty (Dr. Babita Pandey (DCS, Assigned additional responsibility)).
- Blend of theoretical and practical training in music.
- Participation in both academic and cultural university events.
- Expert lectures and workshops by eminent musicians.
- Availability of core musical instruments for training.

Next Year Plan (2025-26)



- Launch Diploma/Advanced Certificate Courses in Music.
- Organize state and national-level cultural programs.
- Initiate collaborative activities with music institutions.
- Encourage research and publications in musicology.
- Promote student participation in inter-university/national cultural festivals.

1. Curriculum Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



- Programme Offered: Certificate Course in Music.
- Curriculum designed to provide theoretical knowledge and practical training.

1.2 Academic Flexibility



- Certificate-level course structure allows flexibility for learners from different backgrounds.

1.3 Curriculum Enrichment



- Students trained to perform the University Kulgeet at official functions.
- Participation in cultural and co-curricular events.

1.4 Feedback System

- Informal feedback collected through student-teacher interactions.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Enrolment started from session 2022–23.

2.2 Catering to Student Diversity



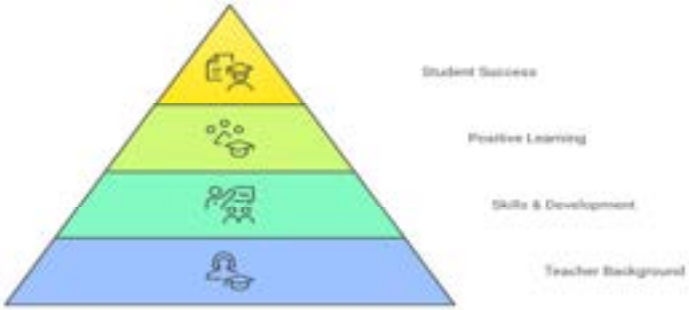
- Equal opportunities for participation in cultural and co-curricular activities.

2.3 Teaching-Learning Process



- Faculty-led training sessions using Harmonium, Tabla, and Electronic Guitar.

2.4 Teacher Profile and Quality



- Faculty:
  - Dr. Babita Pandey, Associate Professor, Coordinator.

2.5 Evaluation Process and Reforms



- Evaluation through performance-based activities and cultural participation.

2.6 Student Performance and Learning Outcomes



- Students performed at NAAC visit, Teachers' Day, Welcome, and Farewell functions.

2.7 Student Satisfaction Survey

- Active involvement in events reflects positive student satisfaction.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- No research projects yet initiated.

3.3 Innovation Ecosystem

- Seminar organized (2023): *"Gurukul se Vishwavidyalaya tak Sangeet"* under *Meri Mati Mera Desh*.

3.4 Research Publications and Awards

- Nil.

3.5 Consultancy

- Nil.

3.6 Extension Activities

- Contribution to cultural programs and official events.

3.7 Collaboration

- Visitors/Experts:
  - Shri S. S. Upadhyay (Former Legal Advisor to Hon'ble Governor of U.P.).

- Pt. Chetan Joshi (Renowned Bansuri maestro).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Available: Harmonium, Tabla, Electronic Guitar.

4.2 Library as a Learning Resource

- Access to University Central Library.

4.3 IT Infrastructure

- ICT facilities available.

4.4 Maintenance of Campus Infrastructure

- Managed as per University rules.

5. Student Support and Progression



5.1 Student Support

- Training and guidance for stage performances.

5.2 Student Progression

- Participation in inter-departmental cricket tournament (bronze medal, 2023).

5.3 Student Participation and Activities

- Cultural contributions: NAAC visit, Teachers' Day, Welcome, Farewell functions.

5.4 Alumni Engagement

- Not applicable (new department).

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Promoting performing arts and music culture.

6.2 Strategy Development and Deployment

- Gradual expansion of academic offerings.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to organize academic and cultural events.

6.4 Financial Management and Resource Mobilization

- Supported through University budget.

6.5 Internal Quality Assurance System (IQAS)

- Monitors academic and cultural activities.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Promotion of Indian cultural traditions through music.

7.2 Best Practices

- Performance of University Kulgeet at institutional events.

7.3 Institutional Distinctiveness

- Integration of traditional and modern music practices.

8. Faculty Profile (Department Specific)

8.1 Academic Details – Ph.D(IIT BHU)

8.2 Various Positions held in & out the Institution –

Co-Ordinator Department of Music, School of Performing Arts

8.3 Research Publications -

8.3.1 Research Articles –

8.3.2 Books / Edited Books -

NA

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance-
NA

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures - NA

8.3.5 Research Supervision -NA

8.3.5.1 Ongoing Supervision – NA

8.3.5.2 Ph.D. Awarded - NA

8.3.6 Projects/Consultancy/and any other-NA

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements NA

9. Summary of Department/Centre

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9.	Total number of students placed	0
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12	Total number of sponsored research project sanctioned	0
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	0
17	Total number of total number of students opted for higher studies	0

School of Sanskrit & Indic Studies

Established in 2020 with the creation of the Department of Sanskrit and Vedic Studies, the School of Sanskrit and Indic Studies stands as a dynamic center for higher learning. Its core mission is to promote, preserve, and innovate the study of Sanskrit and its vast interdisciplinary applications in our contemporary world. Under the distinguished leadership of Dean, Professor R. P. Gangwar, the School has been envisioned as a vibrant academic hub dedicated to establishing a global standard of excellence in education, research, and outreach. We provide a unique platform for students and researchers to delve into the rich philosophical, literary, cultural, scientific, and technological heritage of India, meticulously preserved in Sanskrit and its allied languages.

Academic Philosophy and Focus Areas: Our academic approach is dual-focused, promoting both traditional and emerging fields of Sanskrit and Indic knowledge systems. We believe in bridging the gap between ancient wisdom and modern disciplines. The School actively encourages interdisciplinary studies, connecting traditional Sanskrit knowledge with fields such as computational linguistics, management, environmental science, and comparative religious studies. This innovative integration allows for fresh perspectives and practical applications of ancient texts.

Beyond the curriculum, the School is a hive of activity. We have successfully organized symposiums, seminars, and workshops that have been widely appreciated by the academic community and media. We consistently engage students in co-curricular and extension activities, motivating them to understand and respond to pressing social and cultural issues through the lens of ancient wisdom.

Looking forward, the School of Sanskrit and Indic Studies is committed to several key initiatives: expanding our academic programs to attract a diverse cohort of national and international students, forging collaborations with global universities and research institutes, and enhancing our digital and computational resources for Sanskrit learning. Ultimately, our goal is to serve as a platform for the seamless integration of traditional wisdom with modern knowledge systems, ensuring that the legacy of Indic studies continues to thrive and evolve for generations to come. Department under the School of Sanskrit and Indic Studies:

i. Department of Sanskrit and Vedic Studies

Department of Sanskrit and Vedic Studies

About the Department

The Department of Sanskrit and Vedic Studies comes into existence in the year 2020. The department is dedicated to promote teaching and research in the emerging fields of "Indian Sciences and Technology in Sanskrit, Computational Sanskrit, Dharma-Śāstr□, M□nuscriptology, S□nskrit Buddhism, Comp□r□tive Religions, Ancient Indi□n Ecology, Vedic M□n□gement, Methodologies for Rese□rch in S□nskrit, Indi□n Philosophy, Ś□iv□ Philosophy,S□nskrit L□ngu□ge & Liter□ry Theories, Nātyśāstr□, S□nskrit Gr□mm□r, Pāli & Prākrit Studies". The School S□nskrit □nd Indic Studies is cre□ted for upgr□ding the Dep□rtment of S□nskrit while m□int□ining the schol□rship in some of the convention□l fields like students. Since its inception, the dep□rtment h□s two te□chers. Since its inception, the dep□rtment h□s been concentr□ting on m□int□ining glob□l st□nd□rds in its te□ching □s well □s co-curriculum □ctivities. So f□r, it h□s org□nized symposiums which were very well received in □c□demi□ □nd in medi□. Its te□chers □nd students □re deeply interested in underst□ting the □dministr□tive □nd soci□l problems □round them. The dep□rtment is committed to give new directions to the te□ching methods □nd rese□rch □re□s in the discipline. The Dep□rtment offers unique opportunities in the discipline □s it is the dep□rtment of S□nskrit □nd Vedic Studies, which offers post-gr□du□te course in the School S□nskrit □nd Indic Studies. Presently, the dep□rtment is offering M.A. S□nskrit progr□mme. The Dep□rtment h□s been highly □ctive in org□nizing □c□demic □ctivities □nd co-curriculum □ctivities

Strengths

- Experienced □nd rese□rch-oriented f□culty with interdisciplin□ry expertise.
- Strong student–te□cher r□tio en□bling person□lized mentoring.
- Well-structured progr□ms □t PG, □nd Ph.D. levels with CBCS.
- Active eng□gement in rese□rch, public□tions, □nd projects.
- Regul□r org□niz□tion of semin□rs, workshops, extension, □nd outre□ch □ctivities.
- Strong □lumni network with pl□cement in □c□demi□, NGOs, □nd development sectors.

Next Year Plan (2025-26)



- Introduce new v□lue-□dded/certific□te courses □ligned with NEP-2020.
- Strengthen industry–□c□demi□ coll□bor□tions for student internships □nd rese□rch.
- Enh□nce ICT-en□bled le□rning resources □nd sm□rt cl□ssroom f□cilities.
- Exp□nd rese□rch projects through n□tion□l □nd intern□tion□l funding □gencies.
- Org□nize more n□tion□l semin□rs, FDPs, □nd skill-development progr□ms.
- Est□blish stronger community outre□ch □nd extension services.

1. Curricular Aspects

1.1 Curriculum Design and Development



- Curriculum framed as per UGC/ICAR guidelines.
- Regular revision and updating of curriculum through Board of Studies (BoS).
- CBCS and NEP-2020 principles incorporated.
- Inputs from stakeholders (students, alumni, industry experts).

1.2 Curricular Planning and Implementation

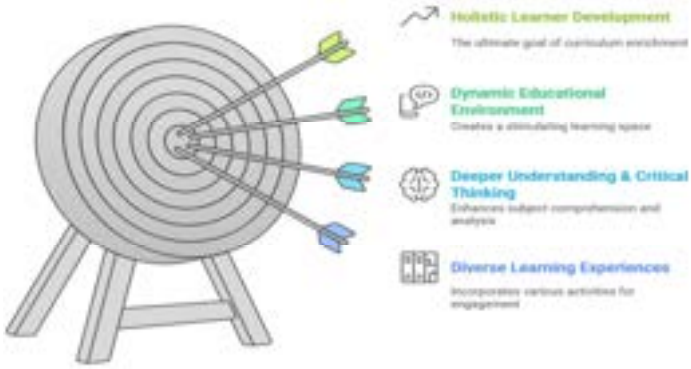
- Academic calendar followed strictly.
- Detailed teaching plans prepared by faculty.
- Continuous monitoring of course delivery.
- Use of ICT-based tools for effective teaching.

1.3 Academic Flexibility



- CBCS-based curriculum with elective choices.
- Open electives available across departments.
- Provision for interdisciplinary learning and skill enhancement.

1.4 Curriculum Enrichment



- Value-added courses and skill development workshops conducted.
- Life skills, gender sensitization, and environmental awareness integrated.
- Extension and outreach programs linked to curriculum.

1.5 Feedback System

- Structured feedback mechanism from students, alumni, employers, and faculty.
- Action Taken Reports prepared after each feedback cycle.

- Feedback utilized for curriculum improvement.

2 Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Admission through university norms ensuring equity and diversity.
- Representation from different states and socio-economic backgrounds.
- Reservation policies implemented.

2.2 Catering to Student Diversity



- Bridge courses for first-year entrants.
- Remedial classes for slow learners.
- Advanced learners provided with research exposure and additional projects.

2.3 Teaching–Learning Process



- Learner-centered teaching with group discussions, case studies, role play.
- Blended learning with ICT integration.

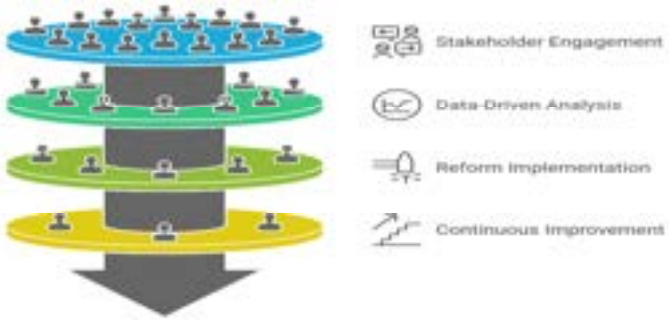
- Experiential learning through fieldwork and extension activities.

2.4 Teacher Profile and Quality



- Qualified faculty with Ph.D. degrees.
- Faculty actively engaged in research, publications, and projects.
- Participation in FDPs, orientation, and refresher courses.

2.5 Evaluation Process and Reforms



- Continuous internal assessment (CIA).
- Transparent examination system with moderation and revaluation.
- Online evaluations incorporated during pandemic.

2.6 Student Performance and Learning Outcomes



- PO/CO/PSO clearly defined and mapped.
- Learning outcomes assessed through assignments, projects, and viva-voce.
- Improved placement and higher studies records.

2.7 Student Satisfaction Survey

- Regular SSS conducted.
- Analysis used for improving teaching quality and facilities.

3 Research, Innovations and Extension

3.1 Resource Mobilization for Research



- Research projects funded by ICSSR, ICAR, and other agencies.
- Internal funding support for faculty and research scholars.

3.2 Innovation Ecosystem

- Student projects linked to community-based research.
- Entrepreneurship and skill-based training promoted.

3.2 Research Publications and Awards



- Faculty publications in peer-reviewed and UGC CARE journals.
- Books and book chapters authored.
- Recognition and awards for research excellence.

3.4 Extension Activities

- Regular community outreach and awareness programs.
- Health, nutrition, and child development initiatives.
- Collaboration with NGOs and government agencies.

3.5 Collaboration

- MoUs with academic institutions and NGOs.
- Collaborative projects and seminars organized.

4 Infrastructure and Learning Resources



4.1 Physical Facilities

- Well-equipped classrooms and laboratories.
- Smart class facilities.
- Departmental library with updated resources.

4.2 Library as Learning Resource

- Access to e-resources through INFLIBNET, e-Shodh Sindhu.
- Updated textbooks, journals, and reference materials.

4.3 IT Infrastructure

- Wi-Fi enabled campus.
- ICT-based teaching facilities.
- Online learning resources integrated.

4.4 Maintenance of Campus Infrastructure

- Annual maintenance contracts (AMC) in place.
- Regular audits of physical and digital infrastructure.

5 Student Support and Progression



5.1 Student Support

- Scholarships for SC/ST/OBC and minority students.
- Financial support for research scholars.

5.2 Capacity Building and Skill Enhancement

- Training in communication, ICT, soft skills.
- Certificate courses for employability enhancement.

5.3 Student Progression

- Students pursuing higher education (PG/Ph.D.).
- Alumni placed in academia, NGOs, and government services.

5.4 Alumni Engagement

- Active alumni association.
- Alumni contribution in seminars, placements, and mentoring.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision aligned with university goals.
- Faculty actively involved in decision-making and committees.

6.2 Strategy Development and Deployment

- Strategic planning for academic and research growth.
- Regular monitoring of departmental activities.

6.3 Faculty Empowerment Strategies

- Opportunities for faculty development programs.
- Support for attending conferences and workshops.

6.4 Financial Management and Resource Mobilization

- Transparent budgeting and resource allocation.
- Efforts to mobilize funds through research projects.

6.5 Internal Quality Assurance System

- IQAC guidelines followed.
- Regular audits and self-assessment reports.

1. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Gender sensitization programs.
- Environmental sustainability initiatives.

7.2 Best Practices

3. Community-based extension and outreach programs.
4. Student mentoring and counselling system.

7.3 Institutional Distinctiveness

- Strong integration of research, extension, and teaching.
- Focus on inclusive and sustainable development practices.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Prof. Ripu Sudan Singh**
  Professor (Political Science)
  Head, Department of Sanskrit and Vedic Studies
  Specialization: International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics
  Qualifications: M.A., M. Phil, Ph.D.

- **Dr. Bipin Kumar Jha**
  Assistant Professor
  Specialization: Sanskrit Language & Literary Theories, Computational Sanskrit, Indian Philosophy, Buddhist Studies, Comparative Religions

Qualifications: M.A., M. Phil, Ph.D.

- **Dr. Ramesh Chandra Nailwal**
  Assistant Professor
  Specialization: Sanskrit Literature, Kavyashastra, Saiva Philosophy
  Qualifications: M.A., M. Phil., Ph.D.

8.2 Various Positions held in & out the Institution –

Dr. Bipin Kumar Jha

- Member of BOS—South Asian University (SAU, SAARC Countries), Dr Shakuntala Mishra NRU, Lucknow.
- Subject Expert—CSTT (MoE), NIOS (MoE), Tata Consultancy Services (TCS).

8.3 Research Publications - Nil

8.3.1 Research Articles - Nil

8.3.2 Books / Edited Books - Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Bipin Kumar Jha

- Book chapter titled "Corona Katha, Jivan Tatvasandarshika-Corona, Kathabharti, Kolkata" by Dr. Bipin Kumar Jha in the book titled "कोरोणाकथा " published by Kathabharati Kolikata in 2024 (page nos. 157).

Dr. Ramesh Chandra Nailwal

- Book chapter titled "भारतीय वाङ्मय में व्यक्तित्व विकास एवं चरित्र निर्माण की प्रमुख अवधारणाए" by Dr. Ramesh Chandra Nailwal in the book titled "व्यक्तित्व विकास एवं चरित्र निर्माण" published by शासकीय संस्कृत महाविद्यालय दर□□□नगर पन्ना, मध्यप्रदश□ with ISBN: 978-93-340-7435-3 in 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Bipin Kumar Jha

- Invited to deliver the lecture as resource person in a symposium on Indian Knowledge System Sponsored by Sri Bhagwan Mahaveer Jain Evening College Bengluru in association with Samskar Bharati Bengluru, title "Dharma & Politics in Sanskrit Texts" on 15th Feb., 2025.

8.3.5 Research Supervision

Dr. Bipin Kumar Jha

- Chakradatt Shukla has awarded for PG programme and supervised in PG Dissertation titled "A study of the Shrimadbhagwadgita's Word Management and the Relevance of Synonyms (2003-25)".
- Priya Verma has awarded for PG programme and supervised in PG Dissertation titled "The Impact of Vedic Mathematics on STEM Education (2003-25)".

Dr. Ramesh Chandra Nailwal

- Shalini Pandey has awarded for PG programme and supervised in PG Dissertation titled "ज्यौतिषशास्त्र में वर्णित भौगोलिक विमर्श (शिद्धान्तशिरोमणि क□विशष□सन्दर्भ में)".

- Sunita Devi has awarded for PG programme and supervised in PG Dissertation titled "भारतीय ज्ञान परम्परा में क्रिषि विषयक अवधारणाएं : एक तुलनात्मक अध्ययन".

8.3.5.1 Ongoing Supervision

Dr. Bipin Kumar Jha

- Vishweshwar Kumar Pandey has enrolled for Ph.D. with the thesis titled "भारतीय ज्ञान परम्परा में तरङ्ग की अवधारणा : दार्शनिक एवं वैज्ञाननक नवश्लेषण'".
- Pooja has enrolled for Ph.D. with the thesis titled "भावप्रकाश-निघण्टुगत औषधीय-पादपों का विश्लेषण एवं डेटाबेस-□धारित डिजिटल कोश निर्माण".

Dr. Ramesh Chandra Nailwal

- Rohit Sundriyal has enrolled for Ph.D. with the thesis titled " पद्मसुन्दरसूरि की कृतियों में ऐतिहासिक एवं दार्शनिक तत्त्वों का विश्लेषणात्मक अध्ययन ".
- Preeti Kumari has enrolled for Ph.D. with the thesis titled "□धुनिक संस्कृत साहित्य में विप्रलम्भकाव्य-परम्परा : एक काव्यशास्त्रीय विश्लेषण".

8.3.5.2 Ph.D. Awarded - Nil

- Number of students completed their Master/Graduation/Diploma - 05
- Number of students selected in civil services (UPSC/UPPSC). - NIL
  Details of students selected for teaching in higher education. - NIL
- No. of students pursuing higher studies. - 01
- Number of students selected on other government jobs/banking/school teaching etc. - Nil
- Number of students awarded SLET/NET/JRF/any other fellowship - Nil

8.3.6 Projects/Consultancy/and any other

Dr. Bipin Kumar Jha

- Research Grant of Rs. 4,50,000.00/- for the project titled "भारतीय ज्ञान परम्परा में नाथ पंथ का योगदान" Sponsored by Indian Councel of Philosophical Research (ICPR), New Delhi" was granted in March-2025.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements- Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	37
5.	Total number of PhD degree awarded by Department	Nil
6.	Total number of PG students	21

7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	Nil
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	1

School of Yoga, Naturopathy and Cognitive Studies

The School of Yoga, Naturopathy and Cognitive Studies at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, was established in 2019 with the aim of integrating yoga, naturopathy, and cognitive sciences into a comprehensive framework of holistic health and mind–body research.

The first Dean, Prof. B. C. Yadav, was appointed in 2022, under whose leadership the School developed its foundational academic structure and initiated important teaching and research activities. In August 2025, Prof. P. S. Rajanikanth took charge as the Dean, further strengthening the School's academic vision and research initiatives.

At present, the School comprises one department — the Department of Yoga, which offers academic programs, skill-based training, and research opportunities in traditional yogic practices and modern scientific approaches to wellness.

The School continues to evolve with a focus on interdisciplinary education and evidence-based practices, aligning with national priorities in health and higher education.

Department of Yoga

About the Department

The Department of Yoga was established in **2020** with the vision of strengthening Yoga education and research at the university and across the country. The department offers diverse programs ranging from certificate courses to doctoral studies, focusing on Yoga as a **science of holistic living** rather than mere postures. The emphasis is on integrating Yoga into healthcare, research, pedagogy, and lifestyle for addressing psychosomatic and lifestyle-related ailments.

Strengths

- Faculty expertise in diverse interdisciplinary fields of Yoga.
- Collaboration with a premier Yoga institute (S-VYASA, Bengaluru).
- Strong research output with 20+ publications in reputed journals.
- Extensive community outreach (Yoga Mahotsav, workshops, Suryathon).
- Integration of Yoga with modern health sciences.

Next Year Plan (2025–26)



- Introduce a **Diploma in Yoga Therapy** for healthcare professionals.
- Expand **international collaborations** for research and exchange.

- Host an **International Conference on Yoga and Neuroscience**.
- Develop **MOOC/online courses** in Yoga Therapy and Meditation.
- Strengthen **student placement opportunities** in healthcare and education.

1. Curricular Aspects

1.1 Curriculum Design and Development



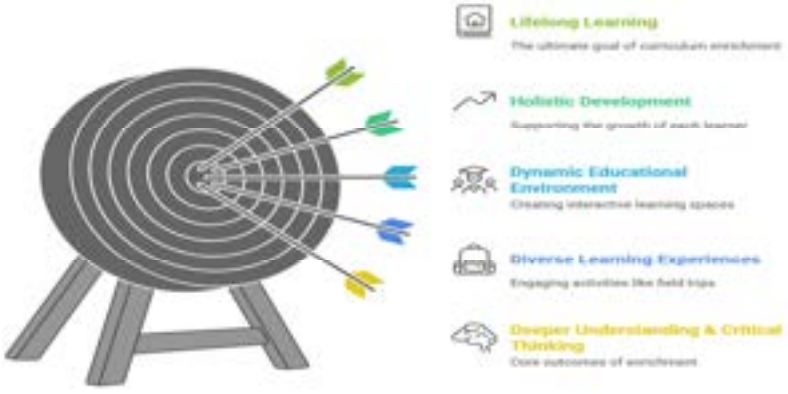
- Courses Offered: M.Sc. Yoga, M.A. Yoga, Certificate Program (6 months), Ph.D. Yoga, Yoga Foundation Course (200 hrs).
- Curriculum integrates traditional philosophy, therapy, research methods, and practical applications for holistic development.

1.2 Academic Flexibility



- Choice-based courses at different levels (certificate to doctoral).
- Collaboration with **S-VYASA, Bengaluru** for academic enrichment.

1.3 Curriculum Enrichment

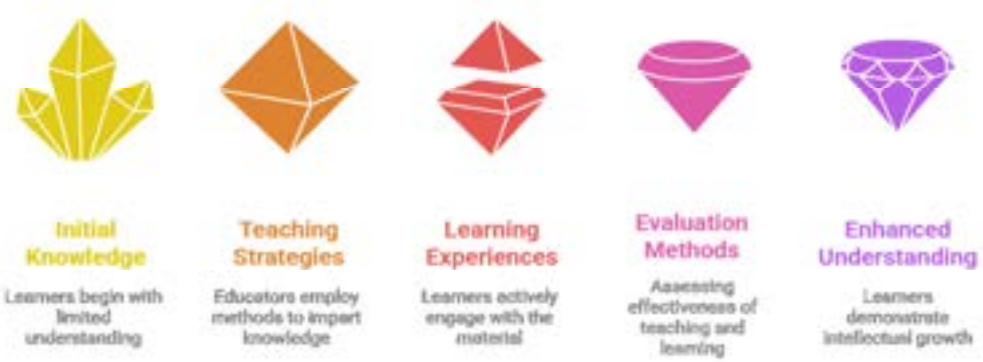


- Focus on Yoga therapy, meditation, and preventive healthcare.
- Workshops and seminars on mental health, women's health, spiritual wellbeing.

1.4 Feedback System

- Regular student feedback is obtained through workshops and classroom interactions.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 22 PG students enrolled (2023–2025 batch).
- 11 PhD scholars currently pursuing research.

2.2 Catering to Student Diversity



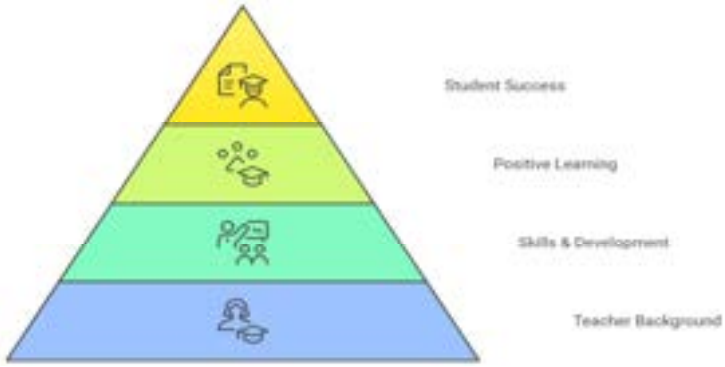
- Special workshops designed for children, women, healthcare workers, and orphans.

2.3 Teaching-Learning Process



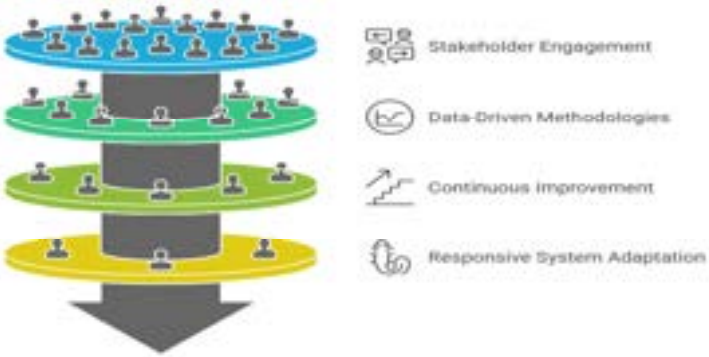
- Smart classrooms, Yoga Hall, laboratories, and ICT tools used.

2.4 Teacher Profile and Quality



- Three faculty members with diverse specializations (Yoga Therapy, Cognitive Neuroscience, Indian Philosophy, Psychiatry).
- Faculty involved in national committees, editorial boards, and curriculum design.

2.5 Evaluation Process and Reforms



- Semester-based examinations and continuous assessment through workshops and viva-voce.

2.6 Student Performance and Learning Outcomes



- 11 students completed PG (2023–25).
- 2 students awarded Ph.D.; 1 student cleared NET.

2.7 Student Satisfaction Survey

- Positive feedback during departmental events and academic sessions.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- Central Instrumentation Laboratory and Psychological Lab support advanced research.

3.2 Resource Mobilization for Research



- Faculty engaged in national/international research collaborations.

3.3 Innovation Ecosystem

- Workshops on Yoga therapy innovations for lifestyle and mental health.

3.4 Research Publications and Awards



- 20+ national and international publications (2024–2025).
- Faculty keynote speakers at national and international conferences.

3.5 Consultancy

- Department conducts Yoga therapy workshops for public health (NAAC evidence).

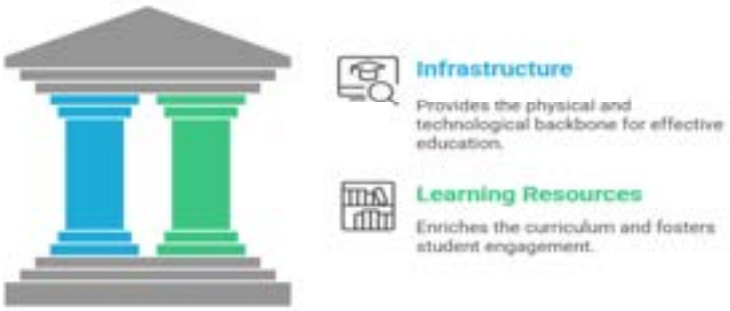
3.6 Extension Activities

- Community outreach: “Suryathon 2024,” Yoga for Orphans, Women’s Health, etc.

3.7 Collaboration

- MoU with S-VYASA, Bengaluru.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- General classrooms, smart classroom, Yoga Hall.

4.2 Library as a Learning Resource

- Central library access with Yoga-related resources.

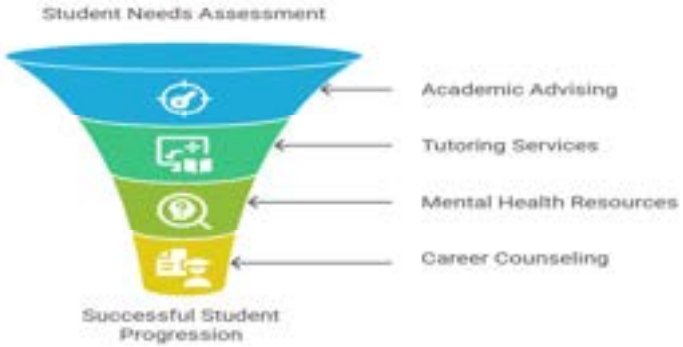
4.3 IT Infrastructure

- ICT-enabled classrooms, online research access.

4.4 Maintenance of Campus Infrastructure

- Regular upkeep of Yoga Hall and labs.

5. Student Support and Progression



5.1 Student Support

- Guidance for NET/JRF, higher studies, and research activities.

5.2 Student Progression

- Students progressing to research and academic careers.

5.3 Student Participation and Activities

- Quiz competitions, Yoga Mahotsav, International Yoga Day celebration.

5.4 Alumni Engagement

- Initial batches maintaining active contact with the department.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Promoting Yoga as a holistic science for healthcare, lifestyle, and spirituality.

6.2 Strategy Development and Deployment

- Annual Yoga Mahotsav, thematic workshops, seminars.

6.3 Faculty Empowerment Strategies

- Faculty engaged in editorial boards, UGC-NTA committees, NCERT syllabus development.

6.4 Financial Management and Resource Mobilization

- Support through university and collaborations.

6.5 Internal Quality Assurance System

- Departmental IQAC and AQAR coordination.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Outreach workshops for underprivileged communities, orphans, and women's health.

7.2 Best Practices

- Large-scale community event "Suryathon 2024" with 300 participants.
- Specialized workshops on Yoga for Migraine, Anxiety, Women's Health.

7.3 Institutional Distinctiveness

- Department bridges ancient Yogic wisdom with modern neuroscience and therapy research.

8. Faculty Profile (Department Specific)

8.4 Academic Details

- **Dr. Deepeshwar Singh**
  Associate Professor, Department of Yoga, School of Yoga, Naturopathy and Cognitive Studies, Babasaheb Bhimrao Ambedkar University, Lucknow
  Specialization: Yoga Therapy, Yoga Philosophy, Yoga Research in Cognitive Neuroscience, Neuropsychic physiology, and Optical Neuroimaging**.**
  Qualification: Ph.D (Yoga), M.Sc. (Applied Yoga & Holisitc Health), UGC-NET

- **Dr. Narendra Singh**
  Assistant professor, Department of Yoga, School of Yoga, Naturopathy and Cognitive Studies, Babasaheb Bhimrao Ambedkar University, Lucknow
  Specialization: Hath yoga, Yoga Darshan, Indian Philosophy, Yoga Therapy, Shrimad bhagwad Geeta
  Qualification: B.A, M.A, Ph.D. in Yoga

- **Dr. Naveen G Halappa**
  Assistant professor, Department of Yoga, School of Yoga, Naturopathy and Cognitive Studies, Babasaheb Bhimrao Ambedkar University, Lucknow
  Specialization: Yoga and Psychiatry, Yoga &Naturopathic Medicine
  Qualification: BNYS, MSc (Yoga Therapy), PGDWM, Ph.D. in Yoga and Psychiatry (NIMHANS)

8.5 Various Positions held in & out the Institution –

Dr. Deepeshwar Singh

Member Board of Studies / School Board

- School Board Member of SYNCS, BBAU, Lucknow - Year wise responsibilities
- BoS member of DoY, LNIPE, Gwalior - Year wise responsibilities
- DRC Member of LNIPE, Gwalior; Meeting held on 23 January 2025 - Year wise responsibilities

Member / Coordinator of University Committees

- Member of International Affairs of BBAU- Year wise responsibilities
- Department IQAC Cell Coordinator
- Departmental AQAR Coordinator
- Departmental GeM Portal Coordinator
- Purchase committee Member - Year wise responsibilities

National Committees

- National UGC-NTA Committee - Subject Expert
- Madhya Pradesh Public Service Commission - Subject Expert
- Rajasthan Public Service Commission - Subject Expert
- Chhattisgarh Public Service Commission - Subject Expert

Editorial Board Member

- Editor Board member of the - International Journal of Yoga 2017
- Editor Board member of the Journal of Applied Consciousness Studies since 2019
- Editor of the BMC Springer Nature – 2025

Dr. Narendra Singh

Member Board of Studies / School Board

- School Board Member of SYNCS, BBAU, Lucknow
- BPGS member of DoY, BBAU
- DRC Member DoY, BBAU

Member in National Committees

- (Course Development Committee Member- NCERT) Participated as a member TDT CIV in three days' workshop on "Development of Syllabi and Textbook in Physical Education and Well-being" from 16-18 December, 2024 at NCOE, NSSC, Sports Authority of India, Southern Headquarters, Banglore, Karnataka.
- (Course Development Committee Member- NCERT) Participated as a Subject Expert in a five-day workshop on "Translation of class 7 Physical Education and Well-being Book into Hindi language." from 24th to 28th February, 2025 at the Babasaheb Bhimrao Ambedkar University, (A Central University) Lucknow, Uttar Pradesh. This workshop was organized by the Department of Education in Social Sciences, (NCERT), New Delhi

Course Coordinator

- Course Coordinator of Ph.D
- Course Coordinator of Certificate Programme in Yoga
- Course Coordinator of Yoga Foundation Course
- Departmental Purchase committee Member- Year wise responsibilities

Dr. Naveen G Halappa

Member Board of Studies / School Board

- School Board Member (Special invitee) of SYNCS, BBAU, Lucknow Year wise responsibilities
- BPGS member (Special invitee) of DoY, BBAU
- DRC Member

Member / Coordinator of University Committees

- Department MA & MSc Coordinator
- Department CBCS Coordinator
- Department MPDC Coordinator

Medical Licensure

- 2004- Present Registered Naturopathy and Yoga Medical practitioner under Karnataka State Council for Indian Medicine (Regn. No: 174)
- 2018- Present Central Registration-Naturopathy and Yoga under Central Council for Research in Yoga and Naturopathy (Regn. No:131) Departmental Purchase committee Member - Year wise responsibilities

Professional membership

- 2009- Present National committee member of Indian Naturopathy and Yoga Graduates Medical Association
- 2023- Life member, The Association of Physiologists and Pharmacologists of India (APPI)

8.6 Research Publications

8.6.1 Research Articles

Dr. Deepeshwar Singh

- A Pilot Study. Advances in mind-body medicine, 39(1), 14–18. https://pubmed.ncbi.nlm.nih.gov/40064005/ 2025
- Yadav, S. S., Thapa, R., Somanadhapai, S., & Singh, D. (2025). Effect of yoga and naturopathy in the management of melasma: A case report. European Journal of Integrative Medicine, 102522. https://doi.org/10.1016/j.eujim.2025.102522
- Majhi, M., Deepeshwar, S., Mondal, S., & Chatterjee, S. (2025). Effects of proprioceptive neuromuscular facilitation (PNF) and yoga postures on the hemodynamics of the prefrontal cortex. Journal of bodywork and movement therapies, 43, 344–352. https://doi.org/10.1016/j.jbmt.2025.05.012
- Singh, G., Saleema, J. S., Dwevedi, K., & Singh, D. (2025). Impact of Heartfulness Meditation on EEG Alpha Band Power across Different Meditation Experience Levels. Research Square. https://doi.org/10.21203/rs.3.rs-6440427/v1

- Kanthi, A., Deepeshwar, S., Chidananda, K., Vidyashree, M., & Krishna, D. (2025). Event-Related Potential Changes Following 12-week Yoga Practice in T2DM Patients: A Randomized Controlled Trial. Clinical EEG and neuroscience,56(2),150–158. https://doi.org/10.1177/15500594241249511
- Naveen, K. H., Singh, D., Srinivasan, S., Bhardwaj, P., Mitra, P., Shukla, K. K., Tomo, S., Dwivedi, K., Sharma, P. P., Baskaran, P., Shukla, R., Vyas, H., Kumar, A., Midha, N., Garg, M. K., Sharma, P., & Misra, S. (2024). Effect of tele-yoga on burnout, mental health and immune markers of health care workers on COVID-19 duty: An open-label parallel group pilot randomized controlled trial. Complementary therapies in medicine, 87, 103109. https://doi.org/10.1016/j.ctim.2024.103109
- Mohantya, S. K., Singha, A. K., Krishnaa, D., Mohantya, S. S., & Singhb, D. Exploring the effects of meditation on stress and emotion management among students: An electrophotonic image study. https://doi.org/10.5281/zenodo.14403131
- Mohanty, S., Singh, D., Singh, A., Krishna, D., Mohanty, S., & Vinchurkar, S. (2024). Improving Prefrontal Oxygenation and Cardiac Autonomic Activity Following Meditation: A Functional Near-Infrared Spectroscopy (fNIRS) Study. Cureus, 16(8), e65978. https://doi.org/10.7759/cureus.65978
- Saini, R., Upadhaye, B. R., & Singh, D. (2024). Brahma Kumaris Raja Yoga Meditation and Hypertension: A Holistic Perspective. Journal of Applied Consciousness Studies, 12(2), 142-143. DOI: 10.4103/jacs.jacs_18_24

Dr. Narendra Singh

- Yadav, A., Kumari, R., Goel, A., Sindhwani, G., Singh, N., & Khanduri, R. (2024).
- Efficacy of a Structured Yoga Intervention Integrated with Routine Care versus Exercise on Pulmonary Function and Quality of Life of Asthma Patients: A Randomized Controlled Trial.
- Advances in Mind-Body Medicine, 38(2), 10–15.
- https://pubmed.ncbi.nlm.nih.gov/38837777/

Dr. Naveen G Halappa

- Halappa, N. G., & Singh, H. (2025). Evidence-Based Yoga Therapy as Mono or Adjuvant Therapy for Major Depressive Disorder: A Narrative Literature Review. African Journal of Biomedical Research, Vol 28(1s), 1460–1468. DOI: https://doi.org/10.53555/AJBR.v28i1S.6453

8.3.2 Books / Edited Books -NIL

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Deepeshwar singh

- Pooja Swami Sahni, Kanupriya Sharma, Deepeshwar Singh, Sat Bir Singh Khalsa (2024). Neuro science of Yoga: Theory and Practice: Part II 293-310 ISBN 978-981-97-2854-1 https://doi.org/10.1007/978-981-97-2855-8
- Narendra.S, Deepeshwar.S, Harishankar.S Usefulness of Hatha Yoga in health promotion and rejuvenation Scientific exploration of Yoga 978-81-967415-2-5
- Deepeshwar.S, Narendra.S, Harishankar.S Current Development in Scientific Research on Yoga: A Review Scientific exploration of Yoga 978-81-967415-2-5

Dr. Narendra singh

- Presented and published a paper titled "Shri Arvind Ghosh Ji ke Shaikshik Vicharon Mein Yog ki Prasangikta" in the Conference Proceedings of the National Seminar on "Samsamyik Sandarbh Mein Shri Arvind ka Shaikshik Chintan Evam Rashtriya Shiksha Niti–2020", organized by the Department of Education, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, and sponsored by the Indian Council of Historical Research (ICHR), Government of India, held on 10–11 August 2023.
- Contributed an academic paper and delivered an invited lecture on "Relevance of Yoga in Daily Life" at the 2nd Annual International Conference on Yoga for Holistic Health, organized by the Central Sanskrit University, Jammu, in collaboration with the Morarji Desai National Institute of Yoga (MDNIY), Ministry of AYUSH, held on 29–30 May 2023.

Dr. Naveen G Halappa

- Yoga for Chronic Diseases and Sports Persons — Published in Hindi Dainik Newspaper, September 28, 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Deppeshwar singh

- Presented a research paper titled "Event-Related Potential Changes Following 12-week Yoga Practice" at an International Conference on Yoga and Neuroscience, 2025.
- Delivered an invited lecture on "Yoga and Cognitive Regulation" during the National Symposium on Yoga and Mental Health, organized by the Department of Yoga, BBAU, Lucknow, 2025.
- Participated in the International Conference on Integrative Health and Wellness, contributing to the session on Yoga and Brain Function, 2024.
- Conducted a faculty development workshop on "EEG Applications in Yoga Research"BBAU, Lucknow, 2024.
- Served as Resource Person for the Workshop on Research Methodology in Yoga and Allied Sciences, 2024.

Dr. Narendra Singh

- Presented a paper titled "Shri Arvind Ghosh Ji ke Shaikshik Vicharon Mein Yog ki Prasangikta" in the National Seminar on "Samsamyik Sandarbh Mein Shri Arvind ka Shaikshik Chintan Evam Rashtriya Shiksha Niti–2020", organized by the Department of Education, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, and sponsored by the Indian Council of Historical Research (ICHR), Government of India, held on 10–11 August 2023
- Delivered an Invited Lecture on "Relevance of Yoga in Daily Life" during the 2nd Annual International Conference (Hybrid Mode) on Yoga for Holistic Health, organized by the Central Sanskrit University, Shri Ranbir Campus, Jammu, in collaboration with the Morarji Desai National Institute of Yoga (MDNIY), Ministry of AYUSH, Government of India, on 29–30 May 2023, in connection with the 9th International Day of Yoga (IDY–2023).
- Successfully completed an Online Four-week Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education, organized by the Teaching Learning Centre (TLC), Ramanujan College, University of Delhi, under the aegis of the Ministry of Education, from 22 October to 20 November 2023.

Dr. Naveen G Halappa

- Invited Speaker Integration of Yoga within Exercise and Sports Science for Musculoskeletal Injuries/Disorders and Mental Disorders – A Review.25th INCOFYRA, SVYASA University, 3–6 January 2024.
- Served as Chairperson for the session on "Recent Advances in Naturopathic Medicine" at the International Conference on Naturopathy, organized by the Central Research Institute of Yoga and Naturopathy, Karnataka, held from 18th to 20th November 2024.

8.3. 5 Research Supervision

8.3.5.1 Ongoing Supervision

Dr. Deepeshwar singh

- Abhishek Maurya has enrolled for a Ph.D
- Akshay Kumar has enrolled for Ph.D
- Bhawana Sharma has enrolled for Ph.D
- Pranav Pandey has enrolled for Ph.D
- Kamalesh Biswas has enrolled for Ph.D

Dr. Narendra Singh

- Doli Devi has enrolled for a Ph.D
- Pratik Roy has enrolled for Ph.D
- Kumar Madhuranjan enrolled for Ph.D
- Rahul Kumar Uikey enrolled for Ph.D

Dr. Naveen G Halappa

- Sudhanshu has enrolled for Ph.D
- Sagar Navrang has enrolled for Ph.D
- Jaivardhan Rajpurohit has enrolled for Ph.D

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

Dr. Deepeshwar Singh

- Working as Co-Principal Investigator on the DST-SATYAM funded project titled "Effect of Bhagavad Gita Chanting and Asanas on Attention Span and Academic Performance in Children" (2024–2026).
- Served as Consultant and Reviewer for Yoga-based research proposals under the DST-SATYAM Scheme (Government of India).
- Involved in the validation of Yoga therapy modules for cognitive and emotional regulation studies (2024–2025).

Dr. Narendra Singh

- Working as Co-Investigator in the research project titled "Effect of Bhagavad Gita Chanting and Asanas on Attention Span and Academic Performance in Children" (2024–2026), under the DST–SATYAM Scheme, Government of India.
- Participated in departmental and institutional initiatives promoting Yoga-based outreach and training programs for students and community wellness (2023–2024).

Dr. Naveen G Halappa

- Served as Expert Committee Member for evaluation of Yoga through Sanskrit and Ayurveda through Sanskrit project proposals, Central Sanskrit University, New Delhi (June 2025).
- Validated seven Yoga therapy modules for research and clinical application (2024–2025).

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Deepeshwar Singh

- Received Young Scientist Award (2024) for contribution to Yoga and Neuroscience research.
- Honoured with Best Research Paper Award (2024) for work on Event-Related Potential Changes Following 12-Week Yoga Practice.
- Invited as Resource Person for national and international conferences on Yoga, Neuroscience, and Cognitive Psychology (2024–2025).
- Continued Ph.D. supervision and guidance in the area of Yoga and cognitive enhancement among children (2024–2025).

Dr. Narendra singh

- Awarded by the University of Patanjali on the occasion of Teachers' Day celebration held on 5 September 2021 for outstanding contribution in the field of Yoga education and research.
- Received appreciation and acknowledgment for academic and research contributions during seminars and workshops organized by BBAU, Lucknow (2023–2024).
- Invited as Guest Speaker in national and international academic events including the 2nd Annual International Conference on Yoga for Holistic Health (Central Sanskrit University & MDNIY, 2023).
- Successfully completed Orientation Programme and Faculty Development Programme (TLC Ramanujan College, University of Delhi, 2023) with Grade A, recognized by the Ministry of Education, Government of India.
- Contributed to institutional development and outreach programs as faculty member and resource person in the Department of Yoga, Babasaheb Bhimrao Ambedkar University, Lucknow (2023–2024).

Dr. Naveen G Halappa

- Received recognition for contribution to Yoga and Naturopathy education and research during the International Conference on Integrative Sports Medicine and Rehabilitation (25th INCOFYRA), SVYASA University, January 2024.
- Published an article titled "Yoga for Chronic Diseases and Sports Persons" in Hindi Dainik Newspaper, September 2024, promoting awareness of Yoga's therapeutic benefits.
- Continued academic supervision of Ph.D. and M.Sc. dissertations (2024–2025) focusing on Yoga-based interventions for anxiety, sleep quality, and neurocognitive functions.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	4
2.	Total number of journal publications by Department (International)	16
3.	Total number of publications in conference proceedings	
4.	Total number of workshops/conferences/seminars/etc organized by Department	18
5.	Total number of PhD degree awarded by Department	-
6.	Total number of PG students	27
7.	Total number of UG students	-
8.	Total number of diploma/certificates students (if any)	-
9.	Total number of students placed	
10	Total number of Award and Medals	
11	Total number of Patents/copyright filed/granted	
12	Total number of sponsored research project sanctioned	
13	Total number of consultancy projects sanctioned	
14	Total number of MOOCs courses developed	
15	Total number of MOOCs courses completed by students	
16	Total number of students qualifying National level examinations	13
17	Total number of total number of students opted for higher studies	

School of Engineering and Technology

Department of Civil Engineering

About the Department

The Department of Civil Engineering emphasizes holistic student development by combining **theoretical knowledge, practical training, and research orientation**. The curriculum is designed to prepare graduates for careers in industry, research, entrepreneurship, and public service. With expertise in areas like water resource engineering, structural engineering, and geospatial technologies, the department aims to build a sustainable future through civil infrastructure.

Strengths

- Highly qualified faculty (all Ph.D. holders) with active research contributions.
- Strong focus on **research publications in reputed international journals**.
- Laboratories and smart classrooms to support applied learning.
- Students achieving success in **competitive exams (GATE)** and higher studies.
- Research orientation in **water resources, geospatial techniques, and structural engineering**.

Next Year Plan



- To establish collaborations and MoUs with **industry and research institutes**.
- To organize more **seminars, workshops, and training programs** for skill enhancement.
- To develop **consultancy projects** in water resources and structural engineering.
- To encourage faculty for **sponsored research projects and patents**.
- To strengthen **student placement opportunities** through industry linkages.

1. Curriculum Aspects

1.1 (U) Curriculum Design and Development / 1.1 (A) Curricular Planning and Implementation



- Department offers **B.Tech (Civil Engineering)** and **Ph.D (Civil Engineering)** programs.
- Curriculum focuses on both **theoretical and practical learning**, with emphasis on research orientation and industry relevance.
- Faculty members actively integrate **modern techniques such as Remote Sensing, GIS, Structural Design, Hydraulics, and Water Resource Engineering** into the teaching-learning process.

1.2 Academic Flexibility



- Choice-based approach in project work and electives.
- Research opportunities in diverse civil engineering areas.

1.3 Curriculum Enrichment



- Department organizes seminars (e.g., *"Introduction to CADD and Application"* on 06.02.2025).
- Faculty incorporates contemporary tools and interdisciplinary approaches in teaching.

1.4 Feedback System

- Student feedback collected on course delivery and curriculum improvements.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- **141 UG students** currently enrolled.
- Ph.D. students pursuing coursework (UGC fellowship holders).

2.2 Catering to Student Diversity



- Department supports students pursuing higher studies and competitive exams.

2.3 Teaching-Learning Process



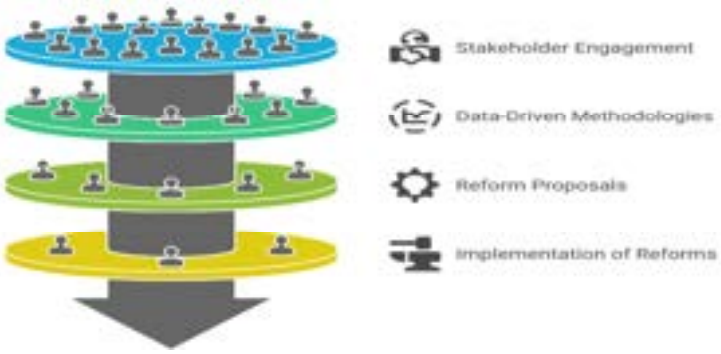
- Use of **Smart Classrooms** and laboratory-based learning.
- Faculty employ ICT-enabled teaching methods.

2.4 Teacher Profile and Quality



- **Faculty Strength**: 3 faculty members (all Ph.D. holders).
- Areas of specialization: Water Resources, Remote Sensing & GIS, Structural Engineering.

2.5 Evaluation Process and Reforms



- Continuous assessment through assignments, seminars, and lab work.

2.6 Student Performance and Learning Outcomes



- **B.Tech Graduates (2024–25): 21**
- **GATE qualified students: 03**
- **Campus Placements: 01**

2.7 Student Satisfaction Survey

- Positive responses regarding practical orientation and supportive faculty.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- Department promotes **Ph.D. research** in Civil Engineering.
- Laboratories support applied research in water resources, geotechnical sciences, and structural engineering.

3.2 Resource Mobilization for Research



- No sponsored projects during the period (2024–25).

3.3 Innovation Ecosystem

- Research on **geospatial techniques, groundwater management, soil loss prediction, and hydrological modelling**.

3.4 Research Publications and Awards



- **05 international research papers published (2024–25).**
- Faculty citations: Dr. Omar (721), Dr. Chauhan (255), Dr. Prasad (10).

3.5 Consultancy

- Nil.

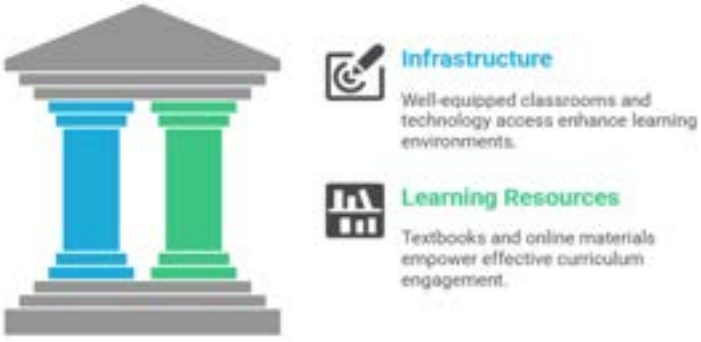
3.6 Extension Activities

- Nil.

3.7 Collaboration

- Nil (no MoUs signed in 2024–25).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Laboratories and smart classrooms available.

4.2 Library as a Learning Resource

- Access to central university library and e-resources.

4.3 IT Infrastructure

- ICT-enabled teaching facilities.

4.4 Maintenance of Campus Infrastructure

- Regular maintenance of laboratories and classrooms.

5. Student Support and Progression



5.1 Student Support

- Faculty mentoring and academic guidance.

5.2 Student Progression

- Students pursuing higher studies and qualifying national exams (e.g., GATE).

5.3 Student Participation and Activities

- Limited co-curricular/extra-curricular activities reported.

5.4 Alumni Engagement

- Alumni progressing into higher studies and research.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision: To produce competent civil engineers for **sustainable infrastructure development**.

6.2 Strategy Development and Deployment

- Focus on **quality education, research promotion, and industry-relevant training**.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to participate in national conferences.

6.4 Financial Management and Resource Mobilization

- No departmental-level independent financial mobilization reported.

6.5 Internal Quality Assurance System

- Regular review of student outcomes and academic progress.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Commitment to **sustainability and environmental protection** through curriculum and research.

7.2 Best Practices

- Integration of **remote sensing and GIS in river management and groundwater studies**.
- Student mentoring for competitive exams.

7.3 Institutional Distinctiveness

- Strong research focus in **water resources and hydrological modeling**, contributing to global knowledge.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Manvendra Singh Chauhan**
  Associate Professor & Head, Department of Civil Engineering
  Specialization: Water Resource Engineering, River Hydraulics, Hydraulic Modelling.
  Qualifications: M. Tech. Ph.D.

- **Dr. Padam Jee Omar**
  Assistant Professor
  Department of Civil Engineering
  Specialization: Groundwater Management, Remote Sensing & GIS, Image Processing, River Engineering
  Qualifications: M. Tech. Ph.D.

- **Dr. Arjun Prasad**
  Assistant Professor
  Department of Civil Engineering
  Specialization: Structural Engineering, Strength of Materials, Design (Limit State) of Steel Structures, RCC Design, Irrigation and Hydrology
  Qualifications: M. Tech. Ph.D.

8.2 Various Positions held in & out the Institution –

- Dr. Manvendra Singh Chauhan- Head, Department of Civil Engineering (UIET, BBAU) - Assistant Proctor (BBAU)
- Dr. Padam Jee Omar – Coordinator (Humanities & Applied Science) (UIET, BBAU)
- Dr. Arjun Prasad- ACOE (BBAU)

8.3 Research Publications

8.3.1 Research Articles

- Chauhan M. S., Omar P. J., Dikshit P. K. S., Dwivedi, S. B. (2025). Development and Validation of a Rating Curve for River Ganga at Varanasi Bend, Journal of Hydroinformatics, jh2025146 https://doi.org/10.2166/hydro.2025.146.
- Rana, M. H., Patel, D. P., Vakharia, V., Jodhani, K. H., Gupta, N., Singh, S. K., Omar, P. J. (2025). UAV-Derived DEM Bathymetry for Enhancing 1D Hydrodynamic Modelling for Non-Perennial River, Journal of the Indian Society of Remote Sensing. https://doi.org/10.1007/s12524-025-02254-4.
- Singh, V. K., Kumar, N., Acharki, S., Singh, S. K., Kulimushi, L. C., Olusola, A. O., Choudhari, P., Rawat, K. S., Jodhani, K. H., Gupta, N., Omar, P. J. (2025). Influence of land use activities on predicted soil loss in a semi-arid river basin. Journal of Hydroinformatics. https://doi.org/10.2166/hydro.2025.216.
- Chatrabhuj, Meshram, K., Mishra, U. Omar P. J. (2024). Integration of remote sensing data and GIS technologies in river management system. Discover Geoscience, 2, 67. https://doi.org/10.1007/s44288-024-00080-8.
- Gani, A., Hussain, A., Pathak, S., Ahmed, S., Omar, P. J. (2025). Impact of Pollutants on Groundwater Quality and Health Risk Assessment of Quaternary Aquifer, Northern India, Journal of Hazardous, Toxic, and Radioactive Waste, 29(1), 04024039, 10.1061/JHTRBP.HZENG-1401.
- Gupta, N., Gond, S., Patel, J., Omar, P. J., Tripathi, R. P. (2025). Observed Interannual Variability and Projected Scenarios of Drought using Drought Indicators. Journal of Water Management Modeling, 33. https://doi.org/10.14796/JWMM.H536.

8.3.2 Books / Edited Books - NIL

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Omar P. J., Singh S., Mahato P. K., Rai S. P., Tiwari H., Tripathi R. P. (2025). Assessment of site suitability for Surface water retention and springshed rejuvenation using geospatial techniques: A case study of Mizoram State. In S. Eslamian (Eds). 4-volume Handbook of Hydrosystem Restoration (HHR) pp. 17-37. https://doi.org/10.1016/B978-0-443-29802-8.00002-9

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Omar, P. J., Chauhan, M. S., Kashyap, A. K. "Integrating Machine Learning for Water Resource Engineering: LULC Dynamics and Hydrological Impacts Study" 5th International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2024) organized by Amity University, Noida during October 15-16, 2024.
- Omar, P. J., Chauhan, M. S., Kumar, S., Singh, H. S. "Role of UAVs and Satellite Imagery in Real-Time Fire Detection and Explosion Risk Assessment", All India seminar on 'Safety & Security in Process Plant Installations and Facilities' at Rajshree Institute of Management & Technology, Bareilly during 12-13 June 2025.

- Prasad, A. "Effect of Anisotropic Hydraulic Conductivity on Optimum Cost Design of Barrage", All India seminar on 'Safety & Security in Process Plant Installations and Facilities' at Rajshree Institute of Management & Technology, Bareilly during 12-13 June 2025.

8.3.5 Research Supervision
Ongoing Supervision--- 02

8.3.5.1 Ph.D. Awarded-- NIL

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	16
3.	Total number of publications in conference proceedings	2
4.	Total number of workshops/conferences/seminars/etc organized by Department	3
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	0
7.	Total number of UG students	182
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	01
10	Total number of Award and Medals	0
11	Total number of Patents/copyright filed/granted	0
12	Total number of sponsored research project sanctioned	0
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	03
17	Total number of students opted for higher studies	02

Department of Computer Engineering

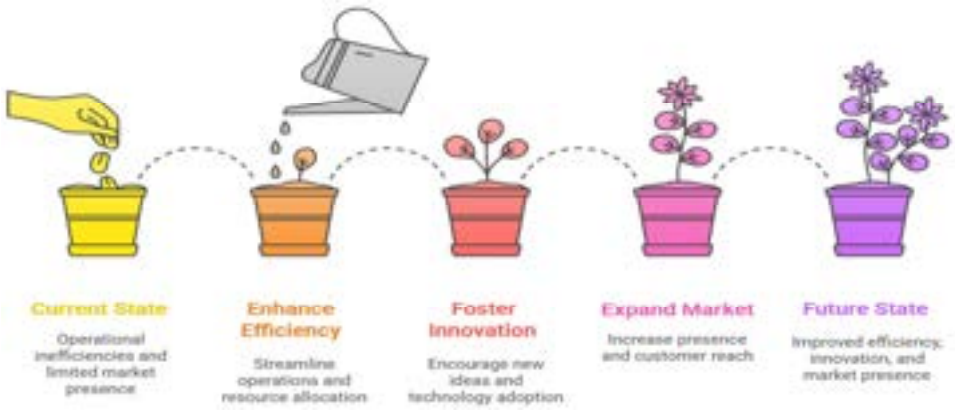
About the Department

The Department of Computer Engineering has been functioning since 2013. It offers a four-year B.Tech programme designed to provide a comprehensive understanding of Computer Science and Engineering. The curriculum is updated with modern developments and emphasizes practical learning through seminars, presentations, and viva-voce. The Department is committed to nurturing student growth by blending classroom teaching with skill-based learning.

Strength of the Department

- Updated curriculum with practical orientation.
- Smart classroom for technology-enabled learning.
- Growing student strength (225 UG students).
- Focus on student-centered learning activities (seminars, presentations, viva-voce).

Next Year Plan (2025-26)



- Recruit faculty to strengthen teaching-learning and research.
- Introduce co-curricular/extra-curricular activities to enhance student engagement.
- Organize seminars/workshops/webinars for academic enrichment.
- Develop collaborations and MoUs with academic/industry partners.
- Initiate student support activities for placement and higher education guidance.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



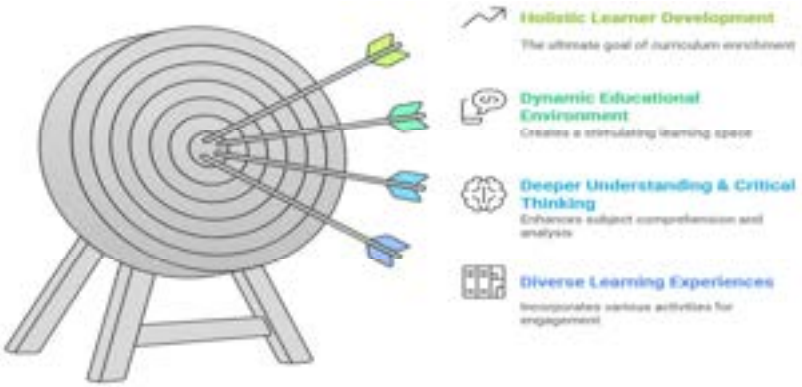
- Four-year B.Tech programme in Computer Engineering.
- Curriculum is comprehensive, updated, and includes courses on emerging areas in Computer Science and Engineering.
- Emphasis on practical learning through seminars, presentations, and viva-voce.

1.2 Academic Flexibility



- Only one programme: B.Tech in Computer Engineering.
- No additional electives or interdisciplinary courses reported.

1.3 Curriculum Enrichment



- Exposure to modern topics in Computer Science.
- Smart classroom facilities available.

1.4 Feedback System

- No formal feedback system reported.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Enrolment: 225 students.
- Graduates in 2023–24: 42 students.

2.2 Catering to Student Diversity



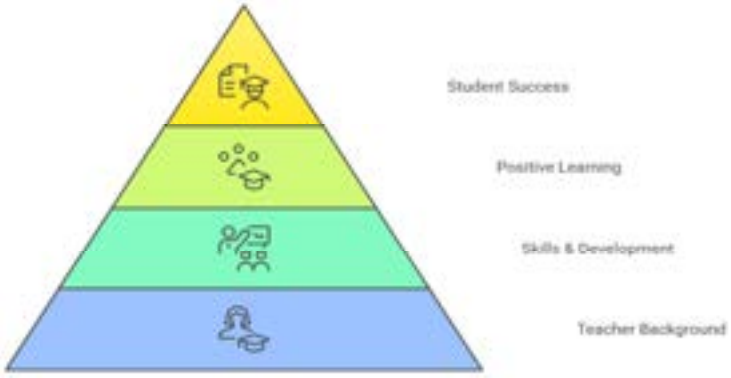
- No details reported.

2.3 Teaching-Learning Process



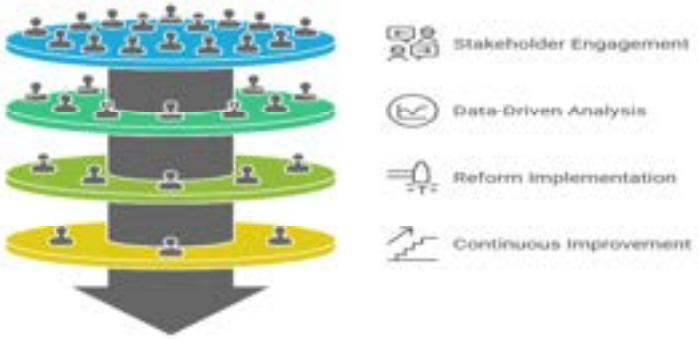
- Student growth supported through seminars, presentations, and viva-voce.
- Smart classroom-based teaching.

2.4 Teacher Profile and Quality



- Faculty strength: NIL.

2.5 Evaluation Process and Reforms



- Regular viva-voce and presentations are part of evaluation.

2.6 Student Performance and Learning Outcomes



- UG graduation: 42 students completed degree in 2023–24.
- Higher education/placement/government selection: NIL.

2.7 Student Satisfaction Survey

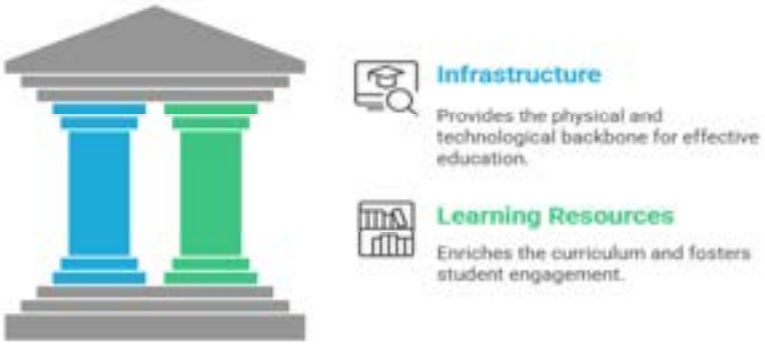
- Not reported.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities – NIL
3.2 Resource Mobilization for Research – NIL
3.3 Innovation Ecosystem – NIL
3.4 Research Publications and Awards – NIL
3.5 Consultancy – NIL
3.6 Extension Activities – NIL
3.7 Collaboration – NIL

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- 1 Lab, 1 Classroom.
- 2 Washrooms (Male & Female).
- 3 Water Coolers.

4.2 Library as a Learning Resource

- No specific departmental library facilities reported.

4.3 IT Infrastructure

- Smart classroom available.

4.4 Maintenance of Campus Infrastructure

- Not reported.

5. Student Support and Progression



5.1 Student Support – NIL

5.2 Student Progression

- 42 UG graduates (2023–24).
- No record of higher education, placements, or competitive exams.

5.3 Student Participation and Activities – NIL

5.4 Alumni Engagement – NIL

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Aim: Deliver quality education blending classroom teaching with practical growth-oriented learning.

6.2 Strategy Development and Deployment – NIL
6.3 Faculty Empowerment Strategies – NIL
6.4 Financial Management and Resource Mobilization – NIL
6.5 Internal Quality Assurance System – NIL
7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities – NIL
7.2 Best Practices – NIL
7.3 Institutional Distinctiveness

- Distinctiveness lies in emphasis on practical-based learning despite limited infrastructure.

8. Faculty Profile (Department Specific)
8.1 Academic Details - NIL

8.2 Various Positions held in & out the Institution - NIL

8.3 Research Publications- NIL

8.3.1 Research Articles - NIL

8.3.2 Books / Edited Books - NIL

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance- NIL

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures- NIL

8.3.5 Research Supervision- NIL

8.3.5.1 Ongoing Supervision- NIL

8.3.5.2 Ph.D. Awarded: - NIL

8.3.6 Projects/Consultancy/and any other: - NIL

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements: - NIL

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	NIL
2.	Total number of journal publications by Department (International)	NIL
3.	Total number of publications in conference proceedings	NIL
4.	Total number of workshops/conferences/seminars/etc organized by Department	NIL
5.	Total number of PhD degree awarded by Department	NIL
6.	Total number of PG students	NIL

7.	Total number of UG students	225
8.	Total number of diploma/certificates students (if any)	NIL
9.	Total number of students placed	NIL
10	Total number of Award and Medals	NIL
11	Total number of Patents/copyright filed/granted	NIL
12	Total number of sponsored research project sanctioned	NIL
13	Total number of consultancy projects sanctioned	NIL
14	Total number of MOOCs courses developed	NIL
15	Total number of MOOCs courses completed by students	NIL
16	Total number of students qualifying National level examinations	NIL
17	Total number of total number of students opted for higher studies	NIL

Department of Electrical Engineering

About the Department

The Department of Electrical Engineering, established in 2014, offers **B.Tech** and **Ph.D.** programs. It provides a blend of technical knowledge, practical exposure, and research opportunities, preparing students for careers in academia, industry, and entrepreneurship.

Strength

- Highly qualified faculty with research excellence.
- Strong publication record (15 international papers in 2024–25).
- Active patent portfolio (6 filed/awarded).
- Funded projects (>₹15 Lakhs).
- Doctoral research in frontier areas (AI, Renewable Energy, EV).

Next Year Plan (2025-26)



- Establish MoUs with reputed national/international institutions.
- Organize departmental conferences, FDPs, and workshops.
- Strengthen industry–academia partnerships for placements.
- Upgrade laboratories with advanced equipment.
- Enhance student participation in research and innovation projects.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



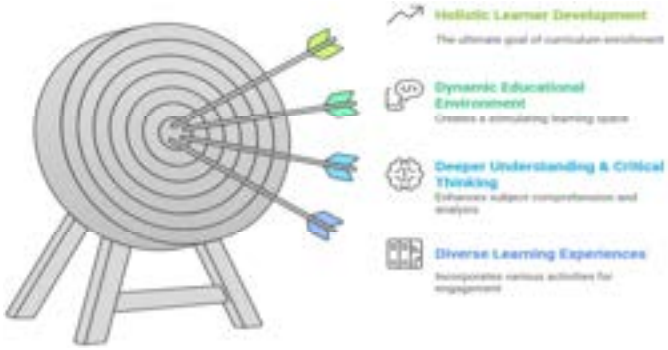
- The Department offers **B.Tech (Electrical Engineering)** and **Ph.D. (Electrical Engineering)** programs.
- Curriculum is designed to provide strong theoretical and practical fundamentals with a focus on research, industry, and entrepreneurship.
- Vision: Balanced education with strong scientific, engineering, humanistic, and social bases to enable leadership roles and societal contributions.

1.2 Academic Flexibility



- Ph.D. program provides scope for interdisciplinary and flexible research.

1.3 Curriculum Enrichment



- Courses and research activities enriched with emerging domains: Renewable Energy, Smart Grids, Power Electronics, AI/ML in Power Systems, EV Technologies.

1.4 Feedback System

- No formal departmental-level feedback system reported.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 122.
- PG Students: Nil.
- Ph.D. Scholars: 3 ongoing + 1 awarded (2024–25).

2.2 Catering to Student Diversity



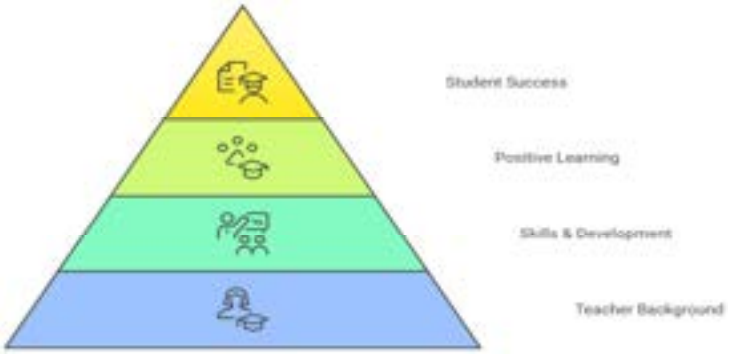
- Ph.D. students guided in diverse areas: Lithium-ion batteries, Solar Cells, Power Converters.

2.3 Teaching-Learning Process



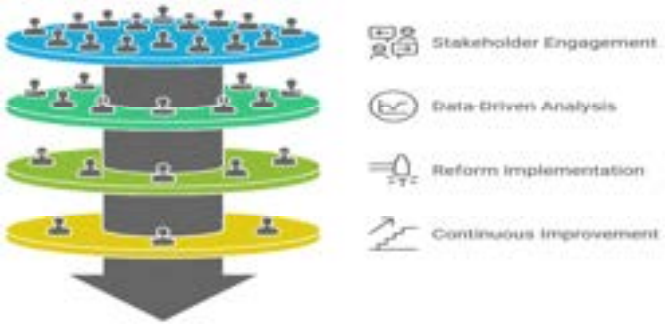
- Faculty regularly deliver expert lectures at reputed institutions across India.

2.4 Teacher Profile and Quality



- **Faculty Members**:
  - Dr. Anshul Agarwal – Specialization: Power Electronics, Renewable Energy, Smart Grids.
  - Dr. Bheem Sonker – Specialization: Control Systems, Mechatronics, Renewable Sources.
  - Dr. Ishan Srivastava – Specialization: Power System Optimization, AI/ML Applications.
- Faculty actively engaged in chairing technical sessions and research collaborations.

2.5 Evaluation Process and Reforms



- Standard university evaluation and assessment process followed.

2.6 Student Performance and Learning Outcomes



- 30 UG students graduated in 2024–25.
- 1 student awarded fellowship (SLET/NET/JRF).

2.7 Student Satisfaction Survey

- Not available.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Department supports doctoral and sponsored research.
- Funded Research Projects:
  - ₹15.08 Lakhs (UPCST).
  - ₹0.50 Lakhs (BBAU Seed Money).

3.2 Resource Mobilization for Research



- External funding mobilized through UPCST and institutional support.

3.3 Innovation Ecosystem

- Faculty research in renewable energy systems, hybrid energy converters, AI-based optimization.

3.4 Research Publications and Awards



- **International Publications (2024–25): 15**
- **Books Authored**: 1 (CRC Press).
- **Book Chapters**: 4 (Springer, IGI Global, etc.).
- Best Paper Award at SIGMA-2024.

3.5 Consultancy

- Paid consultancy (details not specified).

3.6 Extension Activities

- None reported.

3.7 Collaboration

- No MoUs signed (2024–25).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Laboratories, 2 Lecture Halls, 2 Washrooms (male & female), 3 Water Coolers.

4.2 Library as a Learning Resource

- Access to central library facilities.

4.3 IT Infrastructure

- Not reported.

4.4 Maintenance of Campus Infrastructure

- Maintained under institutional framework.

5. Student Support and Progression



5.1 Student Support

- One fellowship awarded (Ph.D. student supported by MHRD).

5.2 Student Progression

- Students pursuing higher education.
- Placements through campus drive not reported for 2024–25.

5.3 Student Participation and Activities

- No co-curricular/extra-curricular activities reported at departmental level.

5.4 Alumni Engagement

- Not reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To create leaders with technical expertise and social responsibility.

6.2 Strategy Development and Deployment

- Department focuses on renewable energy, AI in power systems, and EV integration.

6.3 Faculty Empowerment Strategies

- Faculty deliver invited lectures, expert talks, and chair technical sessions.

6.4 Financial Management and Resource Mobilization

- Department mobilized over ₹15 Lakhs in external projects and seed grants.

6.5 Internal Quality Assurance System

- Not reported.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Faculty research contributes to sustainable energy and environmental protection.

7.2 Best Practices

- Indian Patent Granted on "Method for Mitigation of Partial Shading Effects Through Shade Dispersion Using Gallimaufry Reconfiguration".
- Indian published online on "A Lead-Free Double Absorber Layer Perovskite Solar Cell Device".
- Indian published online on "A Dual Gain Pseudo Squared Buck-Boost Converter and A Method Thereof"
- Indian Published online on "Adaptable Dual-Source Power Converter System"
- AI-based Wireless Electricity Consumption Monitoring and Saving Device, Design no.412434-001
- AI-based Street Light-Changing Robot, Design no. 6392357

7.3 Institutional Distinctiveness

- Distinct expertise in Renewable Energy Systems, Smart Grids, and AI applications in Electrical Engineering.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Anshul Agarwal** (Associate Professor & Head)
  Specialization: Power Electronics, Renewable Energy System, AC/AC Power Conversion, Modelling of Converters, Smart Grids, Power Quality, FPGA Modelling & Design of Power Converters.
  Qualifications: M.Tech. (Gold Medalist, MNNIT Allahabad, Prayagraj), Ph.D. (MNNIT Allahabad, Prayagraj)

- **Dr. Bheem Sonker** (Assistant Professor)
  Specialization: Control System, Systems Engineering, Internal Model Control, Load Frequency Control of Power Systems, Application of Model Order Reduction, Modelling of Physical System, Mechatronics, Renewable Energy Sources.
  Qualifications: B.Tech (Electrical Engineering from KNIT Sultanpur) M.Tech. (Systems Engineering (EED) from IIT-BHU Varanasi), Ph.D. (Electrical Engineering from MNNIT Allahabad)

- **Dr. Ishan Srivastava** (Assistant Professor)
  Specialization: Power Distribution System, Power System Optimization, Machine Learning and Artificial Intelligence Techniques for Power System Application, Soft-Computing and Bio-Inspired Optimization Techniques, Fault Analysis in Power System, Patent Searching, Patent Analysis
  Qualifications: M.Tech. (Power System), Ph.D. (Distribution Automation Strategies for Management of Modern Power Distribution System)

8.2 Various Positions holds in & out the Institution –

- **Dr. Anshul Agarwal:** Head Electrical Engineering Department, Assistant Proctor, Placement Co-ordinator UIET, Chairman BUGS Electrical Engineering department, Chairman DRC, Member Technical Advisory Committee Engg. Section, Member Institute Innovation Council (IIC), Department NEP co-ordinator, Member of SET School Board, Member of Core Green Committee.

- **Dr. Bheem Sonker:** Assistant Proctor, Member of Departmental Admission Committee, Member of BUGS Committee Department of Electrical Engineering, Member of BUGS Committee Department of Civil Engineering, Member of civil engineering admission committee, Member of Mechanical engineering admission committee.
- **Dr. Ishan Srivastava:** Placement in-charge Electrical Engineering Department, UIET, Member Institute Innovation Council (IIC), Member of Departmental Admission Committee, Member of BUGS Committee Department of Electrical Engineering, Member of BUGS Committee Department of Civil Engineering, Member of BUGS Committee Department of Mechanical and Automobile Engineering.

8.3 Research Publications

8.3.1 Research Articles

Dr. Anshul Agarwal

- V. M. R. Tatabhatla, V. Agarwal, A. Agarwal and A. K. Singh, "Reduced Partial Shading Effect and Enhancement of Performance Metrics Using a Fibonacci Based Algorithm" in International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, Wiley, Vol. 37, Issue: 3, May/June 2024.

- N. Agrawal, A. Agarwal and K. Tirupathiraju, "3-level Inverter based compensator for Power Quality Enhancement Using Proposed Trianguzoidal PWM Technique" Vol. 99, Physica Scripta, IOP Publishing, June 2024.

- S. Kumar and A. Agarwal, "Analysis and Experimental Validation of Proposed Dual Gain Pseudo Squared Buck-Boost Converter" in International Journal of Circuit Theory and Applications, Wiley, Sept. 2024.

- N. Agrawal, A. Agarwal and K. Tirupathiraju, "Advanced PWM Technique for Power Quality Optimization in 5-Level CHB Inverter Systems", Electrical Engineering, Springer, Nov. 2024.

- N. Agrawal, A. Agarwal and K. Tirupathiraju, "A Dual-Purpose Novel Converter for Optimized Hybrid Energy System" in Engineering Research Express, IOP Science, Vol. 7, No. 1, pp. 1-14, Jan 2025.

- N. Agrawal, A. Agarwal and K. Tirupathiraju, "A Next-Generation Hybrid Energy Converter Empowered by Machine Learning: Pioneering Sustainable Integration of Photovoltaic and Grid Power" in Neural Computing and Applications, Springer, pp. 1-24, Feb 2025.

Dr. Bheem Sonker

- K. Kanchan, D. Kumar, and B. Sonker, "Fictitious input–output matrices-based frequency limited model reduction of continuous-time systems", January 2025.

Dr. Ishan Srivastava

- B. K. Dora, S. Bhat, S. Halder, and I. Srivastava, "Multi-objective optimal power flow problem using Nelder–Mead based Prairie Dog optimization algorithm". Soft Computing, Nov. 2024.

- B.V.S. Vardhan, A. Swain, M. Khedkar, I. Srivastava and N.D. Bokde, "An overview of Indian power sector and its Energy Management", Renewable Energy Focus, Vol. 50, 2024.

8.3.2 Books / Edited Books

- A. Agarwal, A. Tomar, and V. M. R. Tatabhatla , "Photovoltaic Partial Shading: Principles and Methods" in CRC Press, Taylor & Francis.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Anshul Agarwal

- A. Maurya, D. Kumar, S. Yadav, Jyoti, S. Pratap, A. Sagar, S. Vishwakarma, N. Agrawal and A. Agarwal, "Solar-powered Electric Vehicle Charging Station" accepted to be published in Lecture Notes in Electrical Engineering, a Springer publication in 3rd International Conference on Signals, Machines and Automation (SIGMA-2024)", Department of Electrical Engineering, Netaji Subhas University of Technology (NSUT), New Delhi, India, 20th - 22th December 2024. (Best Paper Award)

- N. Agrawal, G. Kumar, E. Guglani and A. Agarwal, "Harnessing Wave Energy: A Regression Model Approach to Power Prediction" accepted to be published in Lecture Notes in Electrical Engineering, a Springer publication in 3rd International Conference on Signals, Machines and Automation (SIGMA-2024)", Department of Electrical Engineering, Netaji Subhas University of Technology (NSUT), New Delhi, India, 20th - 22th December 2024.

Dr. Ishan Srivastava

- A. Bhat, A. Kumar, S. Agarwal and I. Srivastava, "Prediction of Diabetes Using Different Machine Learning Algorithms. In: Choudhury, T., Katal, A. (eds) Machine Learning for Disease Detection, Prediction, and Diagnosis. Springer, Singapore,2025.

- PD Saxena and S. Vishwakarma, "Transforming Healthcare Business Strategies: A Holistic Approach to Predict Life Expectancy on Ventilator, Through Real Time, Supervised, Re-Enforcement Machine Learning", Integrating Artificial Intelligence, Security for Environmental and Business sustainability Vol. 2 Springer Nature, (ICSPBT-2024) Oman.

- A. Jagadesan, ASM Antony, K. Manimaran, P.M. Rao, S. Vishwakarma and R. Sethuraman, "AI- Enhanced Frequency Control in Integrated Wind and Solar Power Systems for Efficient Energy Generation", International Conference on Science Technology Engineering and Management (ICSTEM), Coimbatore, India.

- A. Ramesh, N. Hemalatha, S. Vishwakarma, G. S. Kumar, V. Srinivasan, and M. Sudhakar, "The Evolution of Electric Vehicle Market Dynamics." In M. Shaik (Ed.), Solving Fundamental Challenges of Electric Vehicles (pp. 157-178). IGI Global Scientific Publishing., 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Anshul Agarwal

- Delivered an Expert Talk on "Design of Power Electronics Converter for Green Energy and its control" in one week Faculty Development Program on "Opportunities and Challenges in Modern Power System (OCMPS)" from March 03-07, 2025 at Department of Electrical Engineering, Rajkiya Engineering College, Kannauj, UP.

- Delivered an Expert Talk on "Recent Advancement of Frequency Converters using FPGA & its Application in Sustainable Energy and Society" on December 12, 2024 at Department of Electrical Engineering, Zakir Hussain College of Engineering and Technology, Aligarh Muslim University (AMU), Aligarh, UP.

- Delivered an Expert Talk on "Modelling of Power Electronic Converters for Renewable Energy Application" on December 10, 2024 at Department of Electrical Engineering, Rajkiya Engineering College, Kannauj, UP.

- Delivered an Expert Talk on "Recent Advancement in AC/AC Power Converters & its Application in Green Energy" on November 20, 2024 at Department of Electrical Engineering, Integral University, Lucknow.

Dr. Ishan Srivastava

- Delivered a lecture as expert in STTP, "Artificial Intelligence Applications to Microgrids and EVs" conducted by Department of Electrical Engineering, NIT Jamshedpur during 20th Jan – 29th Jan, 2025.

- Delivered an expert lecture in the Mentorship Support Program for UG and PG Students in Yeshwantrao Chavan College of Engineering, Nagpur during 21st Feb & 22nd Feb, 2025.

- Delivered an expert lecture in the IPR Mentorship Program for UG Students in Yeshwantrao Chavan College of Engineering, Nagpur during 9th May & 10th May, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

S.No.	Students	Guide	Co-Guide	Title
1	Pradeep Sonkar	Dr. Bheem Sonker	---	SOC, SOH and RUL of lithium-ion battery for power storage and EV application.
2	Prem Narayan	Dr. Anshul Agarwal	---	Impact of partial sharing on solar cell

3	Sushil Kumar	Dr. Anshul Agarwal	Dr. Ishan Srivastava	Power Electronics Converter

8.3.5.2 Ph.D. Awarded

Dr. Anshul Agarwal:

- Ph. D awarded to Shubham Kumar Singh on the thesis titled "Intelligent Control of Hybrid Energy System for Enhanced Sustainability and Enhanced Power Quality".

8.3.6 Projects/Consultancy/and any other

Dr. Anshul Agarwal:

- Received research project from UPCST entitled "Exploration & Design Optimization of Perovskite Solar Cells through the Integration of Environmentally Friendly Charge Transport Layers using Machine Learning: A Vision for Enhanced Power Generation and Sustainable Advancement", (PID-3479) of Amount 15.08 Lacks for a period of 3 years.
- Received Seed Money for the Project entitled "Design & Modelling of Novel Power Converter for Hybrid Energy System" of Amount Rs. 50,000/- for a period of one year from BBAU, Lucknow.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Dr. Anshul Agarwal:

- Chaired Technical Session on "National Conference on Recent advancement in Engineering and Technology (NCRAET-2025)", on March 22, 2025 at Department of Electrical Engineering, Rajkiya Engineering College Sonbhadra.
- Chaired Technical Session on "3rd International Conference on Signals, Machines and Automation (SIGMA-2024)", during December 20- 22, 2024 at Netaji Subhas University of Technology, New Delhi.
- Chaired Technical Session on "11th IEEE UP Section International Conference on Electrical, Electronics, and Computer Engineering (UPCON 2024)", during Nov 29-Dec 01, 2024 at Shri Ramswaroop Memorial College of Engineering & Management, Lucknow.
- Chaired Technical Session on "2024 IEEE Students Conference on Engineering and Systems (SCES-2024)", during June 21-23, 2024 at Department of Electrical Engineering MNNIT Allahabad, Prayagraj.
- Chaired Technical Session on "First International Conference on Recent Advances in Smart Energy Systems & Intelligent Automation (RASESIA-2024)", during June 14-15, 2024 at Department of Electrical Engineering, NIT Kurukshetra.
- Chaired Technical Session on "5th Electric Power and Renewable Energy Conference (EPREC-2024)", during May 24-26, 2024 at NIT Jamshedpur.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	9
3.	Total number of publications in conference proceedings/Book chapter	6

4.	Total number of workshops/conferences/seminars/etc organized by Department	0
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	0
7.	Total number of UG students	122
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	1
10	Total number of Award and Medals	0
11	Total number of Patents/copyright filed/granted	6
12	Total number of sponsored research project sanctioned	2
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	0
17	Total number of total number of students opted for higher studies	1

Department of Electronic & Communication Engineering

About the Department

The Department of Electronics and Communication Engineering was established in 2013 and offers:

B.Tech. (Electronics & Communication Engineering)

Ph.D. (Electronics & Communication Engineering) – started in 2024-25.

The department emphasizes a blend of classroom teaching, laboratory-based learning, seminars, presentations, and viva-voce. It is research-oriented with strong focus areas in Nanoelectronics, VLSI, RF & Microwave Engineering, and Cryptography.

Department Strength

- **Faculty Strength**: 3 (all Ph.D. qualified).
- **Student Strength**: 143 UG students and 2 Ph.D. scholars.
- **Infrastructure**: 1 laboratory, 1.5 classrooms, 1 smart classroom, 2 washrooms (M/F), 3 water coolers.
- **Research Output (2024–25)**:
  - 8 international publications
  - 1 book authored
  - 2 patents filed (1 granted)
  - Major research projects funded by SERB (₹30 Lakhs) and CST-UP (₹15 Lakhs).

Next Year Plan (2025-26)



- **Academic Development**: Enroll more Ph.D. scholars, introduce electives in AI for Communication, 5G/6G Technologies, and Semiconductor Devices.
- **Research Targets**: At least 10 international publications, 2 new patents, expand projects under DST/DRDO/AICTE.
- **Student Development**: Organize 1 National Conference and 2 FDPs, enhance placements and industry internships, encourage UG research papers.
- **Infrastructure Enhancement**: Establish Advanced VLSI & IoT Research Lab, upgrade classrooms with ICT-enabled smart boards, create an innovation cell.

1. Curricular Aspects

1.1 Curriculum Design and Development



- The Department of ECE was established in 2013.
- Offers:
  i. B.Tech. (Electronics & Communication Engineering)
  ii. Ph.D. (Electronics & Communication Engineering) – started from 2024-25.
- Curriculum emphasizes practical learning through laboratories, seminars, presentations, and viva-voce.
- Regular updates with research focus in VLSI, RF & Microwave, Cryptography, and Nanoelectronics.

1.2 Academic Flexibility



- Programs offered: B.Tech. & Ph.D. with choice of electives aligned with industry/research needs.

1.3 Curriculum Enrichment



- Faculty deliver expert lectures, FDPs, and STTPs at reputed institutes (IITs, NITs, BIT Mesra, etc.).
- Research orientation through projects and exposure to advanced semiconductor devices, RF, and VLSI technologies.

1.4 Feedback System

- Feedback collected through seminars, viva-voce, and interactive sessions.
- Used to refine teaching-learning and laboratory practices.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 143
- Ph.D. Students: 2 (pursuing)

2.2 Catering to Student Diversity



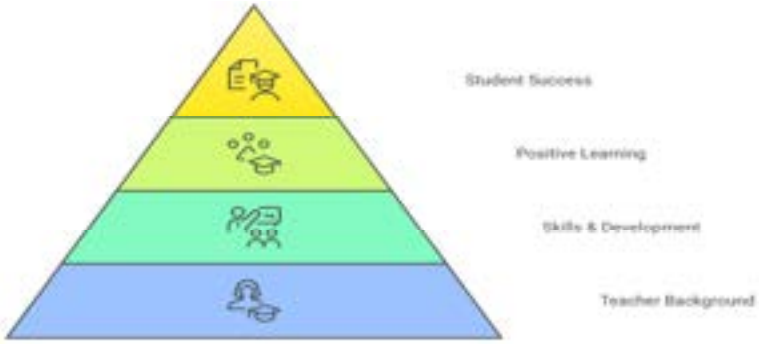
- Student-centric teaching through smart classrooms, lab-based learning, and personalized faculty mentoring.

2.3 Teaching-Learning Process



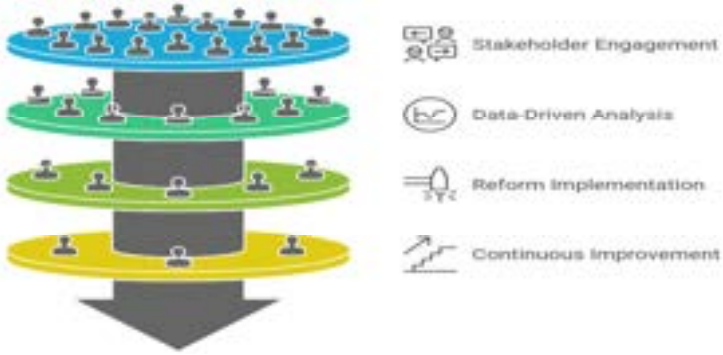
- Blend of classroom lectures, lab-based projects, and seminars.
- Faculty employ modern teaching tools, including ICT and FPGA-based practical implementation.

2.4 Teacher Profile and Quality



- Faculty Strength: 3 (all Ph.D. holders)
    1. **Dr. Balraj Singh (HoD)** – Specialization in Nanoscale FETs.
    2. **Dr. Mangal Deep Gupta** – Specialization in VLSI & Cryptography.
    3. **Dr. Anuradha** – Specialization in RF and Microwave, Antenna Engineering.
- Members of IEEE, active researchers with high h-index citations.

2.5 Evaluation Process and Reforms



- Student assessment via seminars, presentations, viva-voce, internal assessments.

2.6 Student Performance and Learning Outcomes



- Graduated UG students (2024-25): 16
- Student placement/achievement: 1
- Ph.D. thesis submitted/awarded: Nil

2.7 Student Satisfaction Survey

- Student-oriented department with emphasis on continuous mentoring and practical exposure.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- Ph.D. program initiated in 2024-25.
- Research thrust in VLSI, RF/Microwave, Nanoelectronics, and Cryptography.

3.2 Resource Mobilization for Research



- Research grants received:
  - ₹30 Lakhs (SERB, 2023–26) – Project on Negative Capacitance Nanosheet FETs (Dr. Balraj Singh).
  - ₹15 Lakhs (CST-UP, 2024–26) – Project on Perovskite Solar Cells with ML optimization.
  - ₹50,000 (Seed Money, BBAU) – FPGA-based VLSI Cryptography project (Dr. Mangal Deep Gupta).

3.3 Innovation Ecosystem

- Focus areas: Cryptographic hardware design, RF antenna design, nanodevice modeling.

3.4 Research Publications and Awards



- International Publications: 4 (2024-25)
- Book authored: *"Keys and Symmetric Cryptography"* by Dr. Mangal Deep Gupta & R.K. Chauhan (2024).

3.5 Consultancy

- No consultancy during 2024-25.

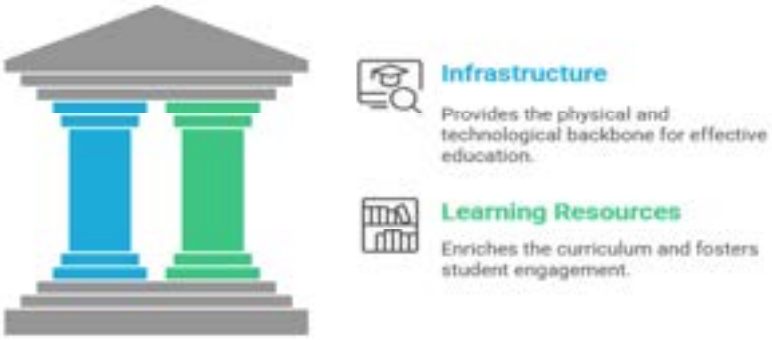
3.6 Extension Activities

- Expert lectures delivered at BIT Mesra, SMVDU Katra, NIT Trichy, and REC Rajkot.

3.7 Collaboration

- Nil formal MoUs (2024-25).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Department Infrastructure:
  - 1 Laboratory
  - 1.5 Classrooms
  - 1 Smart Classroom
  - 2 Washrooms
  - 3 Water Coolers

4.2 Library as a Learning Resource

- Access to institutional central library and online databases.

4.3 IT Infrastructure

- Smart classroom equipped with ICT facilities.
- FPGA kits, simulation tools available in labs.

4.4 Maintenance of Campus Infrastructure

- Department supports ICT-enabled teaching and lab infrastructure upkeep.

5. Student Support and Progression



5.1 Student Support

- Faculty mentoring and guidance for higher studies and research.

5.2 Student Progression

- UG Graduates (2024-25): 26
- Placement Achieved: 1 student
- Higher Studies: Data awaited.

5.3 Student Participation and Activities

- Limited departmental extracurricular activities recorded (Nil in 2024-25).

5.4 Alumni Engagement

- Alumni network in progress.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision: To develop competent Electronics and Communication Engineers for academia, industry, and research.

6.2 Strategy Development and Deployment

- Introduction of Ph.D. program (2024-25).
- Strengthening research infrastructure through funded projects.

6.3 Faculty Empowerment Strategies

- Faculty encouraged for FDPs, STTPs, and international conferences.

6.4 Financial Management and Resource Mobilization

- Funding secured through SERB, CST-UP, and institutional seed money.

6.5 Internal Quality Assurance System

- Faculty research outputs (publications, patents) integrated into departmental quality enhancement.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Participation in climate justice, renewable energy, and electronics-for-society seminars.

7.2 Best Practices

- Research-driven teaching model blending classroom with lab & project-based learning.
- Student-focused mentoring and seminars.

7.3 Institutional Distinctiveness

- Distinct strength in **Nanoelectronics, VLSI, and RF research**.
- Strong publication record with global citations and patents.

8. Faculty Profile (Department Specific)

- **Dr. Balraj Singh**
  Associate Professor
  Specialization: Specialization in Nanoscale FETs
  Qualifications: Ph.D.

- **Dr. Mangal Deep Gupta**
  Assistant Professor
  Specialization: Specialization in VLSI & Cryptography

- **Dr. Anuradha**
  Assistant Professor
  Specialization: Specialization in RF and Microwave, Antenna Engineering

8.1 Academic Details: B.E (ECE), M.E (ECE), Ph.D

8.2 Various Positions held in & out the Institution

8.3 Research Publications

8.3.1 Research Articles

Dr. Balraj Singh

- Paper titled "Dopingless Extended Source TFET for Switching and Analog/RF Applications" by Joshi, T., Balraj Singh. & Singh, Y., published in the journal "Trans. Electr. Electron. Mater." with ISSN: 1229-7607, 2024.
- Paper titled "Vertical Dopingless Dual-Gate Junctionless FET for Digital and RF Analog Applications" by Garg, A., Balraj Singh. & Singh, Y, published in the journal "Silicon" with ISSN: 1876-9918, 2024.

Dr. Mangal Deep Gupta

- Paper titled "Reconfigurable Image Confusion Scheme using Large Period Pseudo-Random Bit Generator based on Coupled-Variable Input LCG and Clock Divider" by Mangal Deep Gupta and R. K. Chauhan, published in the journal "Journal of Circuits, Systems, and Computers" with ISSN: 1793-6454, 2024.
- Paper titled "ASIC Implementation of Vending Machine for Blood Pressure Medicine" by Mangal Deep Gupta, M. Sarim, A. S. Chauhan, & S. Saraswat published in the journal "International Journal of Microsystems and IoT" with ISSN: 2584-0495, 2024

Dr. Anuradha

- Paper titled "Design and Experimental Validation of Customized Fractal FSS" by Anuradha sonker, Tushar, & Amalendu Patnaik, published in the journal "International Journal of Electronics Letters" with ISSN: 2168-1732, 2024.
- Paper titled "Multifunctional Antenna Design for wireless consumer electronics" by Anuradha Sonker, Anil Kumar Nayak, Tushar & Amalendu Patnaik, published in the journal "IEEE Canadian Journal of Electrical and Computer Engineering" with ISSN: 0840-8688, 2024.
- Paper titled "A theoretical design of angular-phased broadband antenna array for sub-millimeter wave applications" by Tushar Goel, Anuradha Sonker, A. K. Gautam & Amalendu Patnaik, published in the journal "International Journal of RF and Microwave Computer -Aided Engineering" with ISSN: 1759-0795, 2024.

8.3.2 Books / Edited Books

Dr. Mangal Deep Gupta

- Paper titled "Keys and Symmetric Cryptography" by Mangal Deep Gupta and R. K. Chauhan published in "TechSar Pvt. Ltd., New Delhi" with ISSN: 978-81-971909, 2024

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Balraj Singh

- Paper titled "Performance Evaluation of Nanosheet Junctionless FET for switching applications" by A. Garg, B. Singh and Y. Singh, "Second International Conference on Advances in Computational Intelligence and Communication (ICACIC), Puducherry, India" 2023
- Paper titled "Performance Analyses of a Highly Sensitive Double-Gate-All-Around Junctionless FET Biosensor" by S. Kumar, B. Singh and Y. Singh, "International Conference on Sustainable Emerging Innovations in Engineering and Technology (ICSEIET), Ghaziabad, India" 2023

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Balraj Singh

- Delivered Expert lecture by Dr.Balraj Singh on "FET Based Biosensor in the one-week short-term course on "Neuroevolution-based Advanced Semiconductor Devices (NASD-2024)"organized by the Department of Electronics and Communication Engineering BIRLA INSTITUTE OF TECHNOLOGY, MESRA Technology, Mesra, Ranchi during March 7-11, 2024.
- Delivered Expert lecture by Dr.Balraj Singh onAdvances in MOS Transistors: An Overview inShort Term Training Program (STTP) on Microelectronics & VLSI Design (MVD-2024) organized by the Department of Electronics and Communication Engineering BIRLA INSTITUTE OF TECHNOLOGY, MESRA Technology, Mesra, Ranchi during April 2-6, 2024.
- Delivered Expert lecture by Dr.Balraj Singh on Electronics for skill development" in the Skill Development Program in Electronics organized by the Department of Electronics and Communication Engineering,Shri Mata Vaishno Devi University (SMVDU), Katra, from March 11-15, 2024 at SMVDU Katra (J&K).
- Delivered Expert lecture by Dr.Balraj Singh on All India Seminar on Sources of Planet Energy, Environmental & Disaster Science (SPEEDS-2024): Climate Justice and Equity, scheduled on June 29-30, 2024

Dr. Mangal Deep Gupta

- Delivered Expert lecture by Dr. Mangal Deep Gupta on "FPGA based image and signal processing" during 06-07 March 2025 in the One-Week Short-Teem course "NEXT GENERATION TECHNOLOGIES (NGT-2025)" organized by Rajkiya Engineering College Sonbhadra.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Dr. Balraj Singh

- Prachi Sonkar enrolled for a Ph.D in the field of Microelectronics & VLSI.
- Prem Nath Verma enrolled for a Ph.D in the field of Microelectronics & VLSI.

Dr. Mangal Deep Gupta

- Prem Nath Verma enrolled for a Ph.D in the field of Microelectronics & VLSI.

Dr. Anuradha

- Prachi Sonkar enrolled for a Ph.D in the field of Microelectronics & VLSI.

8.3.5.2 Ph.D. Awarded nil

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	7
3.	Total number of publications in conference proceedings	2
4.	Total number of workshops/conferences/seminars/etc organized by Department	0
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	0
7.	Total number of UG students	143
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	1
10	Total number of Award and Medals	0
11	Total number of Patents/copyright filed/granted	3
12	Total number of sponsored research project sanctioned	3
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	0
17	Total number of total number of students opted for higher studies	0

Department of Mechanical & Automobile Engineering

About the Department

The Department of Mechanical & Automobile Engineering, established in 2013 (renamed in 2018), offers B.Tech. and Ph.D. programs. The department emphasizes both theoretical knowledge and practical training through well-equipped labs, workshops, and smart classrooms. Research activities include publications, book chapters, and a patent filing. Faculty members are engaged in advanced research, FDPs, and conferences to ensure academic excellence.

Strength

- Qualified faculty members with Ph.D. and postdoctoral experience.
- State-of-the-art laboratories and central workshop facilities.
- Patent filed in the domain of thermal systems.
- Active research output including publications and book chapters.
- Integration of Mechanical and Automobile domains for industry relevance.

Next Year Plan (2025–26)



- Increase research publications in indexed journals and international conferences.
- Establish collaborations/MoUs with national and international institutes.
- Introduce new value-added/skill development courses for students.
- Strengthen alumni engagement for mentoring and placements.
- Encourage more student participation in co-curricular and competitive exams (GATE/NET).
- Explore external funding opportunities for research projects.

1. Curricular Aspects

1.1 Curriculum Design and Development



- B.Tech. (Mechanical Engineering) and Ph.D. (Mechanical & Automobile Engineering) offered.
- Curriculum designed to cover core and applied aspects of Mechanical & Automobile Engineering with emphasis on practical learning.

1.2 Curricular Planning and Implementation

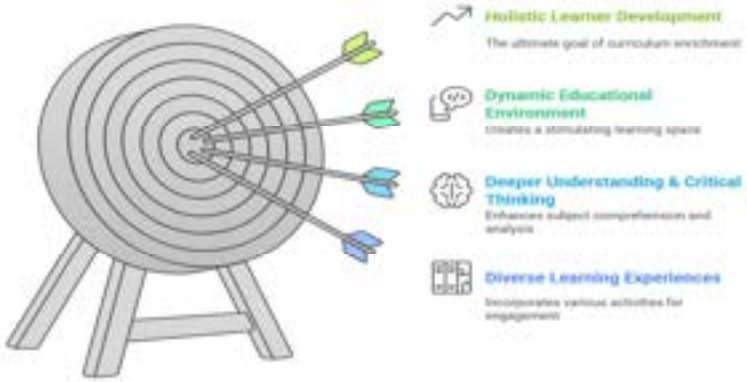
- Faculty members actively engaged in curriculum delivery.
- Workshops and FDPs attended by faculty for continuous improvement.

1.3 Academic Flexibility



- Ph.D. program provides flexibility in research domains (Thermal, Manufacturing, Materials).

1.4 Curriculum Enrichment



- Invited talks:
  - Development of Metal Matrix Composites (ICRTMD-2023).
  - Efficient Technologies for Waste Heat Recovery (Sandip University).

1.5 Feedback System

- Department follows University-prescribed feedback mechanism.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Total UG students: 84.

- Ph.D. students: 1 (pursuing).

2.2 Catering to Student Diversity



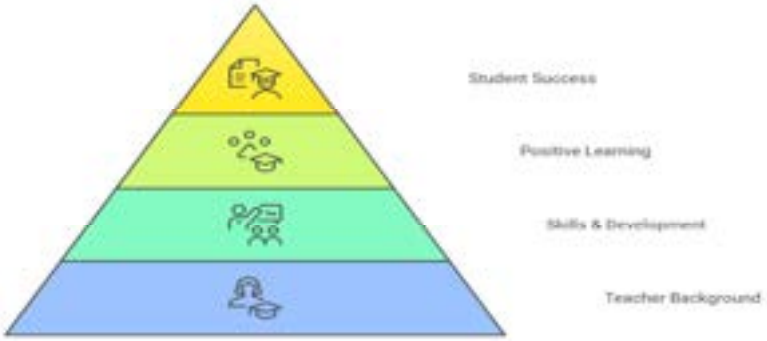
- Equal access to labs, workshops, and smart classrooms.

2.3 Teaching-Learning Process



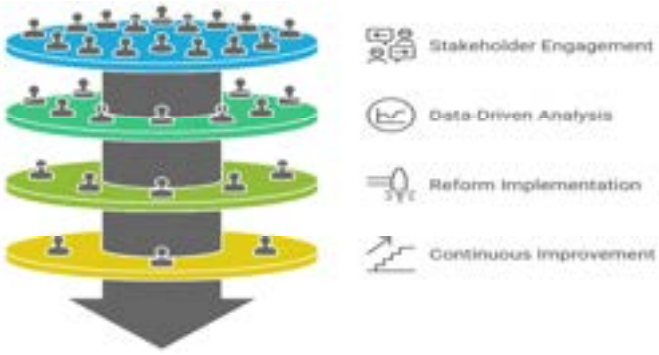
- Facilities: Central Workshop, Fluid Mechanics Lab, Measurement & Metrology Lab, Smart Classrooms.

2.4 Teacher Profile and Quality



- 2 Regular Faculty:
  - Dr. Gaurav Bajpai (Manufacturing & Materials).
  - Dr. Akhilesh Singh (Thermal Engineering).
- 5 Resource Persons with Ph.D. or M.Tech. qualifications.

2.5 Evaluation Process and Reforms



- University-driven continuous and semester-end evaluation system.

2.6 Student Performance and Learning Outcomes



- UG graduates (2024–25): 84.
- Ph.D. awarded: Nil.
- Ph.D. submitted: Nil.

2.7 Student Satisfaction Survey

- Conducted centrally by IQAC/University.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Faculty participation in FDPs, international conferences, and research projects.

3.2 Resource Mobilization for Research



- No funded research projects reported.

3.3 Innovation Ecosystem

- Patent filed: An improved household heat pump food dryer.

3.4 Research Publications and Awards



- 2 international publications (AIP Proceedings, Lecture Notes in Mechanical Engg.).
- Book chapter published in Springer LNME.

3.5 Consultancy

- Paid/Free consultancy: Nil.

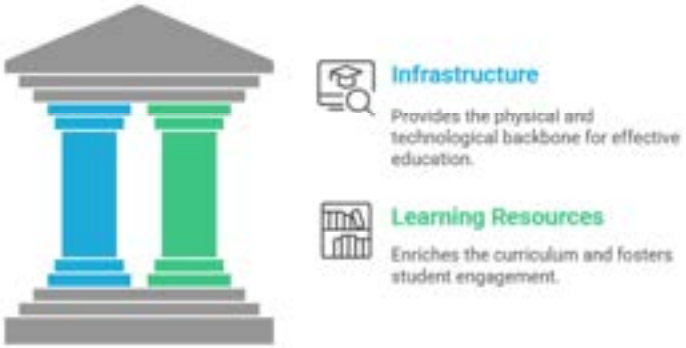
3.6 Extension Activities

- Not reported.

3.7 Collaboration

- No active MoUs signed (2023–24).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- 3 Lecture Halls, 2 Washrooms, 3 Water Coolers, Smart Classrooms.

4.2 Library as a Learning Resource

- University Central Library accessible.

4.3 IT Infrastructure

- Smart classrooms with ICT-enabled teaching.

4.4 Maintenance of Campus Infrastructure

- Maintained under university norms.

5. Student Support and Progression



5.1 Student Support

- No record of scholarships/fellowships during 2024–25.

5.2 Student Progression

- Higher studies / GATE / NET: Nil.
- Employment (Govt/Private): Nil.

5.3 Student Participation and Activities

- Department organized 1 workshop: "**Science of Tribology & Materials Phase Transformation**".
- No reported co-/extra-curricular activities.

5.4 Alumni Engagement

- Alumni network not formally reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Department aligns with institutional vision of industry-oriented technical education.

6.2 Strategy Development and Deployment

- Active faculty participation in research, FDPs, and conferences.

6.3 Faculty Empowerment Strategies

- Faculty attended FDPs, induction programs, and conferences.

6.4 Financial Management and Resource Mobilization

- No external funds generated during the year.

6.5 Internal Quality Assurance System

- Department data submitted regularly to IQAC.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Promotes sustainable technologies research (waste heat recovery, composites).

7.2 Best Practices

- Hands-on training in Central Workshop.
- Patent filing culture initiated.

7.3 Institutional Distinctiveness

- Strong focus on Mechanical + Automobile domain integration.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Gaurav Bajpai**
  Qualification: B.Tech, M.Tech, Ph.D (IIT Indore)
  Specilization: Powder Metallurgy, Composites Material, Dynamic Fracture Mechanics, Functionally Graded Composites, Nano-materials, Metal and Polymer Matrix Nano Composites for Automotive & Aerospace Applications, Mechanical behaviour of Nano Composites, Nanotechnology, Testing of Materials, Smart Materials, Material Science, Manufacturing, Material Characterization Techniques

- **Dr. Akhilesh Singh**
  Qualification: M.Tech. (IIT-BHU, Varanasi), Ph.D. (IIT-BHU, Varanasi), PDF- IIT Delhi
  Specilization: Thermal and Fluids Engineering, Heating Ventilation and Air-conditioning & Refrigeration (HVAC&R), Heat pump system, Heat pump dryer, Renewable energy (solar), Solar-thermal energy, Thermal energy storage, pumped thermal energy storage system, Waste heat recovery, Thermal energy storage materials (PCM and Thermochemical materials),

8.2 Various Positions held in & out the Institution –

Dr. Gaurav Bajpai

- Department Coordinator of Mechanical & Automobile Engineering
- Member, School Board of School of Engineering & Technology (SET).
- Member, Admission Committee in B.Tech. Program in UIET BBAU
- Member, Board of Under-Graduate Studies, MAE.
- Member, Research Committee, MAE
- Member, Sustainable development Goals, Committee
- Member, Grievance committee

Dr. Akhilesh Singh

- Departmental Placement Coordinator (Present)

8.3 Research Publications

8.3.1 Research Articles

Dr. Gaurav Bajpai
Dr. Akhilesh Singh

- Yadva C., Singh B., Saxena A., Paswan K., Singh A., Mishra A., "A Review on Nanogenerators: Working Principle, Materials Suitability", Performance Enhancement and Applications (Revision submitted)
- Yadva C., Singh B., Saxena A., Paswan K., Singh A., Mishra A., "A Comprehensive Review of Hybridization Strategies for Nanogenerator Performance Enhancement" (submitted)
- Rai R.K., Sahoo R.R., Singh A., "Experimental study on drying characteristics for amla and apple drying products under dual-mode heat pump dryer" (Submitted)
- Singh A., Yadav C., Singh M.C., "Parabolic trough solar collector integrated pumped thermal electricity storage (PTES) system: A numerical analysis" (Submitted)

8.3.2 Books / Edited Books

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Bajpai G., Namdev A., Mishra V., Rajpurohit H. and Purohit R., "Effect of Water Absorption on the Inter-Laminar Shear Strength of Glass Fibre reinforced Epoxy Composites under Static Loading" accepted in Lecture Notes in Mechanical Engineering (2024)

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Research Paper presented 3rd International conference on Advances in Materials and Manufacturing Technology (ICAMMT-2024)
- Research Paper presented "International Conference on Advanced Materials for Sustainable Future (ICAMSF-2025)", held on 28 -29 March 2025.
- Participated Faculty Development Program (FDP) on Advanced and Sustainable Manufacturing Technology organized by Department of Mechanical Engineering, O. P. Jindal University, Raigarh held from 06-10 January, 2025
- International conference on Advances in Sustainable Solutions for Energy Transitions, School of Energy Science and Engineering, IIT Guwahati
- Invited talk in 4th International E-conference on Mechanical and Material Science Engineering: Innovation and Research 2024 (ICMMSE:2024)
- Faculty Induction programme by UGC-Malaviya Mission Teacher Training Centre, BHU, Varanasi

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

- Supervisor of a Ph.D. student (Ahmed Hasan)
- Co- Supervisor of a Ph.D. student (Ahmed Hasan)

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	-------
2.	Total number of journal publications by Department (International)	-------

3.	Total number of publications in conference proceedings	02
4.	Total number of workshops/conferences/seminars/etc organized by Department	01
5.	Total number of PhD degree awarded by Department	-------
6.	Total number of PG students	-------
7.	Total number of UG students	84
8.	Total number of diploma/certificates students (if any)	-------
9.	Total number of students placed	03
10	Total number of Award and Medals	04
11	Total number of Patents/copyright filed/granted	-------
12	Total number of sponsored research project sanctioned	-------
13	Total number of consultancy projects sanctioned	-------
14	Total number of MOOCs courses developed	-------
15	Total number of MOOCs courses completed by students	-------
16	Total number of students qualifying National level examinations	-------
17	Total number of total number of students opted for higher studies	-------

School of Vocational & Futuristic Studies
Department of Skill & Vocational Studies

About the Department

The Department of Skill & Vocational Studies was established in **2021** under the School of Vocational and Futuristic Studies. The main mandate is to prepare **industry-ready manpower** skilled in selected trades through multi-entry and multi-exit academic programs. The department emphasizes **entrepreneurship, vocationalisation of education, and collaboration with government agencies** to strengthen India's skilled workforce in alignment with the **National Education Policy (NEP) 2020**.

Strengths of the Department

- Diverse **vocational programs** aligned with national priorities.
- Strong collaborations (AMC Centre, SGPGIMS).
- Faculty with **national/international recognition** and active research profile.
- Patent filed and publications in reputed journals.
- Focus on **entrepreneurship and employability**.

Next Year Plan (2025-25)



- Launch of **Advanced Diploma programs in healthcare services** (through SGPGIMS).
- Formal introduction of **student satisfaction survey**.
- Increase **student enrolment** in skill-based courses.
- Enhance **digital/IT infrastructure** for training.
- Build an **active alumni network** for mentoring and placement support.
- Strengthen **industry tie-ups** for student internships and placements.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



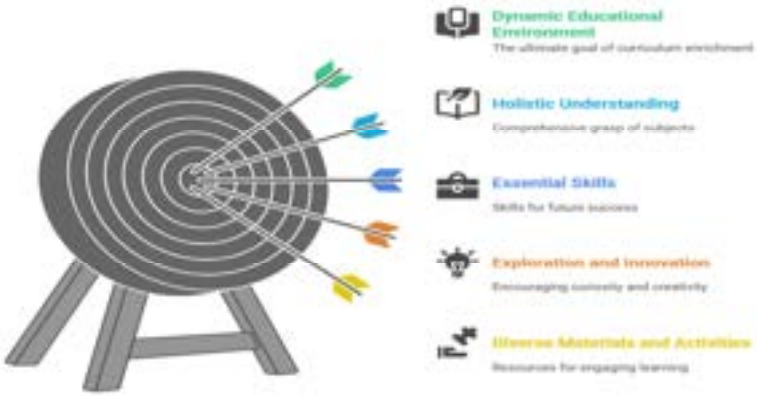
- Multiple entry/exit **Certificate, Diploma, Advanced Diploma, and PG Diploma** programs introduced.
- Industry collaboration with **AMC Centre & College, Lucknow**.

1.2 Academic Flexibility



- Variety of programs offered:
  - Post Graduate Diploma in Modern Office Administration.
  - Diploma in Modern Office Management; Inventory & Store Management.
  - Certificates/Advanced Diplomas in Journalism, IT Hardware, Legal Drafting, Food Microbiology, Gardening, Embroidery, etc.

1.3 Curriculum Enrichment

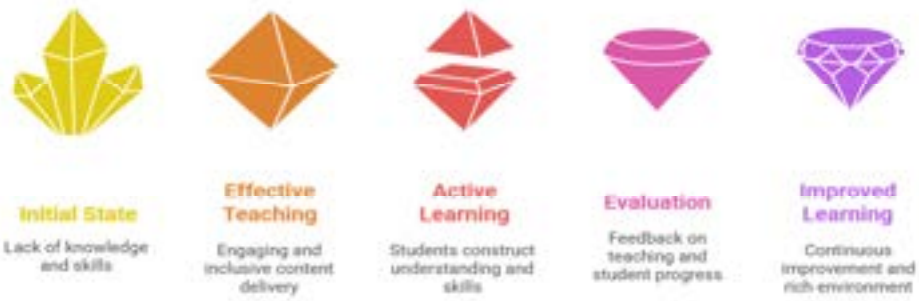


- Hands-on training, workshops, and interdisciplinary exposure.

1.4 Feedback System

- Informal feedback system in place; formal mechanism under development.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Total Diploma Students (2023–24): **29**.

2.2 Catering to Student Diversity



- Courses designed for students from varied social and educational backgrounds.

2.3 Teaching-Learning Process



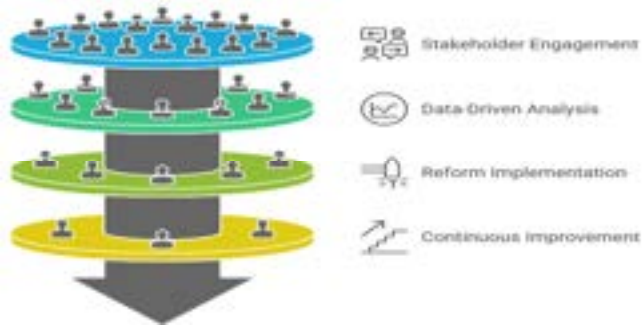
- Practical exposure: **Skill Sets Training (2023)**, **Bonsai Workshop (2024)**.

2.4 Teacher Profile and Quality



- **Prof. Manish K Verma** (Dean, Sociology; Dean SV&FS).
- **Prof. Deepa H. Dwivedi** (Professor & Head, Skill & Vocational Studies).

2.5 Evaluation Process and Reforms



- Semester-based evaluation, aligned with NEP.

2.6 Student Performance and Learning Outcomes



- Students trained in industry-relevant vocational skills.

2.7 Student Satisfaction Survey

- Planned to be conducted from next academic year.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Faculty actively engaged in research and publications.

3.2 Resource Mobilization for Research



- Collaborative support via **MoUs (e.g., SGPGIMS)**.

3.3 Innovation Ecosystem

- Patent filed (2024): *Green synthesis of silver nanoparticles for agriculture*.

3.4 Research Publications and Awards



- Multiple national/international journal publications and book chapters.

3.5 Consultancy

- No paid consultancy; academic collaborations ongoing.

3.6 Extension Activities

- Workshops: **Skill Sets Training**, **Bonsai Culture**.

3.7 Collaboration

- **MoU with SGPGIMS** for Advanced Diploma programs in healthcare management.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Department located in SV&FS with practical training facilities.

4.2 Library as a Learning Resource

- Access to central library and e-resources.

4.3 IT Infrastructure

- IT-enabled teaching for hardware/networking and office administration.

4.4 Maintenance of Campus Infrastructure

- Maintenance by central university system.

5. Student Support and Progression



5.1 Student Support

- Vocational programs designed for self-employment and placement.

5.2 Student Progression

- Student progression data under compilation.

5.3 Student Participation and Activities

- Workshops conducted; no reported sports/co-curricular activities.

5.4 Alumni Engagement

- Alumni network under development.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: *To develop industry-ready skilled manpower and future entrepreneurs*.

6.2 Strategy Development and Deployment

- Partnerships with **AMC Centre & College, SGPGIMS**.

6.3 Faculty Empowerment Strategies

- Faculty involved in **academic bodies, editorial boards, and research collaborations**.

6.4 Financial Management and Resource Mobilization

- Resources mobilized through MoUs and institutional support.

6.5 Internal Quality Assurance System

- Regular monitoring of curriculum and activities.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Commitment to **skill development and nation building**.

7.2 Best Practices

- Industry–academia collaboration and hands-on skill workshops.

7.3 Institutional Distinctiveness

- Unique **multi-entry/exit system** aligned with NEP 2020.
- Distinct collaborations with **defence and healthcare institutions**.

8. Faculty Profile (Department Specific)

8.1 Academic Details

8.2 Various Positions held in & out the Institution -

8.3 Research Publications: Nil

8.3.1 Research Articles: - Nil
8.3.2 Books / Edited Books: -Nil
8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance: -Nil
8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures: -Nil
8.3.5 Research Supervision: -Nil
8.3.5.1 Ongoing Supervision: - Nil
8.3.5.2. Ph.D. Awarded: - Nil
8.3.6 Projects/Consultancy/and any other: - Nil
8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements: -Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	02
5.	Total number of PhD degree awarded by Department	Nil
6.	Total number of PG students	Nil
7.	Total number of UG students	Nil
8.	Total number of diploma/certificates students (if any)	29
9.	Total number of students placed	Nil
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	Nil

Satellite Centre, Amethi

The Babasaheb Bhimrao Ambedkar University established its Satellite Centre on 16th June, 2016 at Tikarmafi, Amethi located approximately 130 kilometers from Lucknow. In alignment with the vision and mission of the University, the Centre aims to promote the educational and economic welfare of the general population especially the marginalized and deprived sections of society.

The Satellite Centre was established with a special focus on the academic, social and economic upliftment of the people of Amethi and its surrounding districts. Its major vision is to deliver high-quality education and emerge as a fast-growing centre of learning for the nearby communities, ensuring accessible and inclusive higher education for students from the local vicinity.

At present, the Satellite Centre offers:

One Diploma Programme: D. Pharma

Eight Undergraduate Programmes:

B.Sc. in Information Technology

BCA

B.Com

B.A. (English, History & Sociology)

B. Pharma

B.Sc. in Food Science and Technology

Two Postgraduate Programmes:

M.A. in English

M.A. in History

Doctoral Programmes in Seven Departments

Currently, the Satellite Centre has a total strength of 653 students and is supported by 12 permanent faculty members.

The Centre is equipped with modern infrastructure and facilities, including 24×7 Wi-Fi internet services, well-established laboratories for Food Science & Technology and Pharmacy, a Computer Lab, girls' hostels, a well-stocked library, a playground and an auditorium equipped with a smart panel. The Centre is also in the process of developing a modern Computer Centre with 60 computers and a 33 KV in-house substation to ensure uninterrupted power supply.

The Satellite Centre remains committed to fostering the holistic development of its students, empowering them with knowledge, skills and values to become responsible citizens and valuable assets to the Nation

Department of Information Technology (Satellite Centre, Amethi)

About the Department

The Program **Bachelor of Information Technology (B.Sc. IT)** was initially conducted under the Department of Computer Science and Information Technology. In 2020, a **separate Department of Information Technology** was established to impart foundational knowledge of IT, Trade, and Industry. The department offers a **full-time undergraduate program** in Information Technology, with an emphasis on **holistic learning**, skill enhancement, and **social responsibility**.

The department organizes a range of **academic, co-curricular, and cultural activities** such as seminars, workshops, hackathons, debates, and social initiatives. Students are trained not only in technical skills but also in communication, innovation, and teamwork.

Strength of the Department

Qualified Faculty: Two Ph.D. holders with expertise in Cyber Security, Software Engineering, Green Communication, and Advanced System Design.

Student Strength: 103 undergraduate students currently enrolled.

Infrastructure: Smart classrooms, tutorial rooms, lecture halls, departmental library, centralized library, Wi-Fi, and recreational facilities.

Skill Development Activities: Regular hackathons, workshops (IoT, UI/UX, Web Design), poster-making, and technical competitions.

Student Engagement: Cultural programs, debates, essay competitions, sports, and Engineers Day celebrations.

Value-Based Education: UHV classes and social inclusion activities to foster responsible citizenship.

Next Year Plan (2025–26)



Academic Initiatives:

- Organize at least 2 national-level seminars/workshops in collaboration with industry/academic institutions.
- Introduce guest lecture series by IT professionals and researchers.

Research & Innovation:

- Encourage faculty to publish in indexed journals.
- Motivate students to present papers/posters at inter-university conferences.
- Initiate minor research/consultancy projects in areas like Cyber Security and Software Engineering.

Student Development:

- Launch certification courses in Data Analytics, Cyber Security, and AI tools.
- Establish an Innovation & Coding Club for continuous peer learning.

- Strengthen placement support through resume-building and mock interview workshops.

Extension & Outreach:

- Organize community IT literacy drives in nearby rural areas.
- Conduct social responsibility events (blood donation camp, digital awareness campaigns).

Infrastructure Upgradation:

- Enhance IT lab with updated software and cloud-based tools.
- Expand departmental library resources with e-books and research journals.

1. Curricular Aspects

1.1 Curriculum Design and Development



- B.Sc. (IT) program was initially run under Department of Computer Science & Information Technology, later established as a separate Department in 2020.
- Objective: To provide knowledge of Information Technology, Trade and Industry through a holistic learning environment.
- Curriculum aims to balance theoretical and practical knowledge, with a focus on Computer Science and IT applications.

1.2 Curricular Planning and Implementation

- Full-time undergraduate program in Information Technology is offered.
- Department organizes academic and cultural activities like seminars, presentations, invited talks, debates, and discussions.

1.3 Academic Flexibility



- UG programme: B.Sc. Information Technology (B.Sc. IT).

1.4 Curriculum Enrichment

- Activities to enhance student exposure: Workshops, Hackathons, E-sport tournaments, Poster design, UI/UX design, Personal Finance class, UHV sessions, Webmania competition.
- Social responsibility is encouraged through charitable events.

1.5 Feedback System

- Feedback mechanism not explicitly mentioned.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- Total number of UG students (2024–25): 103.

2.2 Catering to Student Diversity



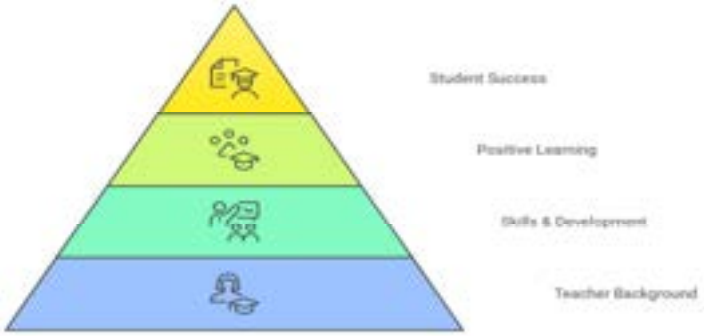
- Activities like debate, poster presentations, and cultural events help engage diverse student backgrounds.

2.3 Teaching-Learning Process



- Smart classrooms, tutorial rooms, library resources, and IT infrastructure support interactive learning.
- Student-centric activities include competitions, workshops, and seminars.

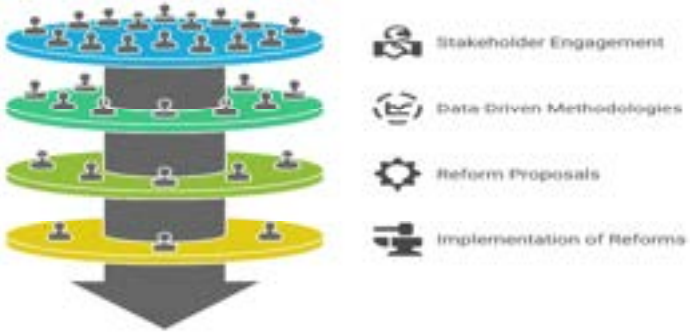
2.4 Teacher Profile and Quality



Faculty Members:

- Dr. Sandeep Kumar Nayak – Associate Professor, Ph.D. (Specialization: Cyber Security, Software Engineering, E-Governance).
- Dr. Neeraj Kumar Tiwari – Assistant Professor, Ph.D. (Specialization: Green Communication, Software Engineering, Advanced System Design).

2.5 Evaluation Process and Reforms



- Not specifically mentioned.

2.6 Student Performance and Learning Outcomes



- No detailed data provided; activities indicate skill development in IT, coding, design, and communication.

2.7 Student Satisfaction Survey

- Not reported.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- No major/minor research projects reported.

3.2 Resource Mobilization for Research



- None.

3.3 Innovation Ecosystem

- Hackathons, workshops on IoT, UI/UX, and Webmania encourage innovation and practical exposure.

3.4 Research Publications and Awards



- No publications reported during the year.

3.5 Consultancy

- None.

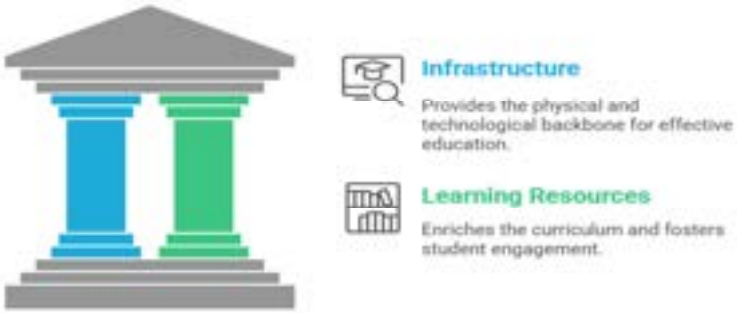
3.6 Extension Activities

- Students involved in cultural and social activities (charitable events, Engineers Day, National Youth Day celebrations, Science Day).

3.7 Collaboration

- No MoU's or collaborations reported.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart Classroom
- Lecture Hall
- Tutorial Room
- Reading Hall
- Restrooms (Boys & Girls)
- Drinking Water Facility

4.2 Library as a Learning Resource

- Departmental Library
- Centralized Library

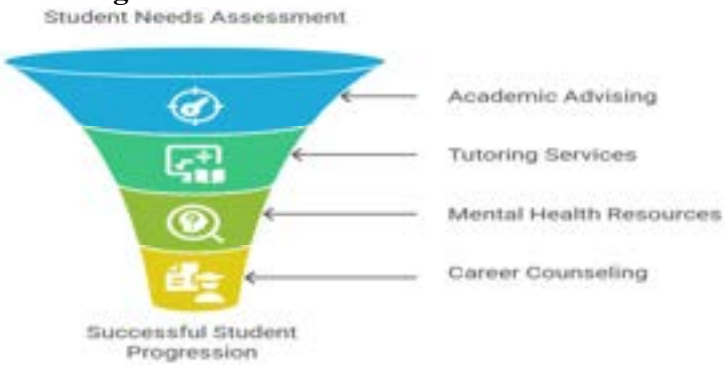
4.3 IT Infrastructure

- Wi-Fi enabled campus
- Dedicated IT cell managed by department faculty.

4.4 Maintenance of Campus Infrastructure

- General maintenance handled centrally; specific departmental efforts not mentioned.

5. Student Support and Progression



5.1 Student Support

- Workshops, hackathons, UHV classes, and personal finance sessions provide skill-based learning.

5.2 Student Progression

- Data on placements/progression not reported.

5.3 Student Participation and Activities

- Academic Events: IoT workshop, Hackathon, Webmania, Poster Presentation.
- Co-curricular Events: Debate, Elocution, Essay competitions.
- Cultural Events: Fresher's, Farewell, Teacher's Day celebrations.
- Sports Events: Cricket, Kabaddi, Badminton, E-Sport tournaments.

5.4 Alumni Engagement

- No data reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: Holistic student development through IT education integrated with social responsibility.

6.2 Strategy Development and Deployment

- Focused on skill enhancement, competitions, and practical exposure.

6.3 Faculty Empowerment Strategies

- Faculty involved in administrative and IT cell responsibilities.
- Participation in conferences and workshops (ICSSR Conference, NEP Seminar).

6.4 Financial Management and Resource Mobilization

- No data reported.

6.5 Internal Quality Assurance System (IQAS)

- Student-centric activities reflect quality practices, though IQAC-specific inputs not mentioned.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Students encouraged to participate in charitable events and social inclusion activities.

7.2 Best Practices

- Hackathon & Web mania for technical skills.
- E-Sport tournaments for team building.
- UHV classes for value-based education.
- Personal Finance classes for life-skill development.

7.3 Institutional Distinctiveness

- Department blends IT knowledge with cultural, social, and co-curricular engagements to achieve holistic student growth.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Sandeep Kumar Nayak**
  Associate Professor
  Director Incharge and Coordinator- Department of Information Technology, BBAU - Satellite Centre Amethi
  Specialization: Emerging Trends and Advancements in Cyber Security, Software Engineering, Cyber Security, E- Governance,E Kranti
  Qualification: Ph.D.
- **Dr. Neeraj Kumar Tiwari**
  Assistant Professor
  Incharge IT Cell, BBAU - Satellite Centre Amethi
  Specialization: Green Communication, E-Health, Software Engineering, Advance System Design
  Qualification: Ph.D.

8.2 Various Positions held in & out the Institution - Nill

8.3 Research Publications

8.3.1 Research Articles -Nill

8.3.2 Books / Edited Books -Nill

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance -Nill

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Neeraj Kumar Tiwari

(Assistant Professor),

- ICSSR Sponsor International Conference &Workshop "Mental Health & Wellbeing of Youth towards Realization of the Dream of Viksti Bharat" 13rd- 14th February,2025 Department of Human Development &Family Studies, Lucknow in collaboration with Zoological Society of India & Bhartiya Shikshan Mandal (Awadh Prant)

- Associate Prof. Dr. Neeraj Kumar Tiwari attended and participated Two – day National Seminar on National education policy 2020, Sustainable development goal and nation building: Perspective, issues concerns & challenges November 34-4, 2023 Department of Sociology Ambedkar School of Social Sciences.

8.3.5 Research Supervision -Nil

8.3.5.1 Ongoing Supervision-Nil

8.3.5.2 Ph.D. Awarded-Nil

8.3.6 Projects/Consultancy/and any other-Nil

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements-Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	2
5.	Total number of PhD degree awarded by Department	Nil
6.	Total number of PG students	Nil
7.	Total number of UG students	103
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	Nil
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	Nil

Department of Computer Science (Satellite Centre, Amethi)

About the Department

The Department of Computer Science at BBAU Satellite Centre, Amethi, was established in 2020 after restructuring from the Department of Computer Science & Information Technology (2016–2019). It aims to provide students with a strong foundation in computer science, trade, and industry-oriented knowledge.

The department emphasizes **holistic development** by combining academics with innovation, research, cultural activities, and social outreach. It regularly organizes workshops, hackathons, debates, seminars, and charitable events such as *Nukkad Natak*.

Strength

Academic Strengths

- Experienced faculty with Ph.D. qualifications in AI, Networks, Algorithms, and CSE.
- Books published in emerging fields (5G Communication, Data Structures using C++).
- Active participation of students in national-level hackathons, poster design, and competitions.

Infrastructure Strengths

- Smart classrooms, tutorial rooms, lecture halls, Wi-Fi-enabled campus, and central library.
- Well-maintained facilities for academic and cultural growth.

Student & Co-curricular Strengths

- UG enrolment: 160 students.
- Strong student engagement in Science Day, Engineers' Day, Youth Day competitions, Cultural Programs, and Sports.
- Exposure to real-world applications via hackathons, Web mania, and UI/UX events.

Next Year Plan (2025–26)



Academic Growth

- Introduce certificate/add-on courses in Data Science, Cybersecurity, and Cloud Computing.
- Strengthen project-based learning through industry-driven mini-projects.

Research & Innovation

- Encourage faculty and students to publish research papers in reputed journals.
- Plan to organize International Conference on Emerging Technologies.
- Establish an Innovation Cell for startups and coding clubs.

Student Development

- Initiate placement training modules (soft skills, aptitude, coding tests).
- Form an active alumni cell to support mentorship and placements.

- Expand cultural and sports activities with inter-college competitions.

Collaboration & Outreach

- Sign MoUs with IT companies/academic institutes for internships and skill development.
- Strengthen community engagement with digital literacy programmes for local schools.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



- The department offers BCA & BCA (H) with the objective of providing strong foundations in Computer Science, trade, and industry relevance.
- Focus on holistic learning through seminars, hackathons, debates, invited talks, and workshops.
- Curriculum enriched with activities like Nukkad Natak to in still social responsibility.

1.2 Academic Flexibility



- UG Programmes: BCA (4 years) and BCA (H).
- Exposure to interdisciplinary workshops and competitions.

1.3 Curriculum Enrichment

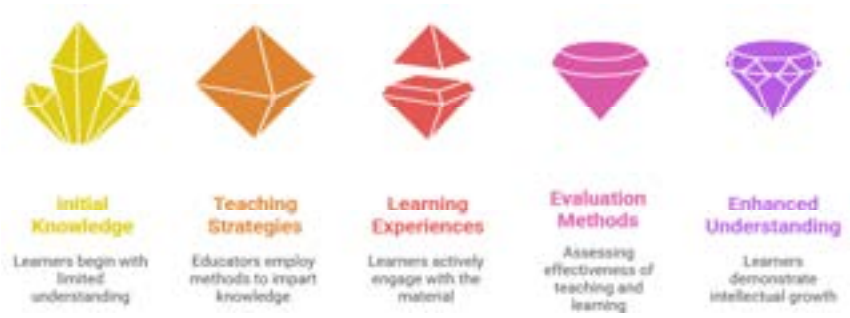


- Add-on activities: Webmania (Website Building), Hackathon, UI/UX Design, IoT Workshops, Poster Competitions, etc.
- Inclusion of Universal Human Values (UHV) classes.

1.4 Feedback System

- Students actively participate in academic and cultural activities.
- Feedback reflected in planning events and skill-building activities.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



2.2 Catering to Student Diversity



- Activities for social awareness and skill enhancement (e.g., charitable events, cultural programs).

2.3 Teaching-Learning Process



- Smart classrooms, tutorial rooms, central library access, and ICT tools.
- Focus on experiential learning (hackathons, competitions, poster design, etc.).

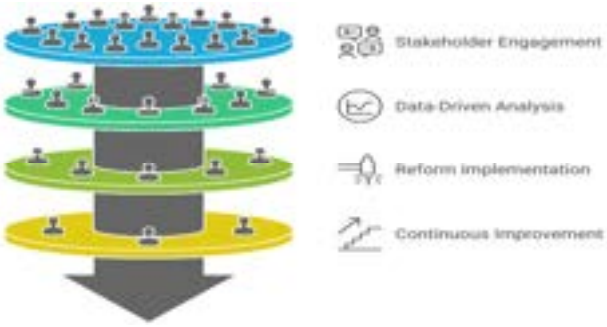
2.4 Teacher Profile and Quality



Faculty Details:

- Dr. Ravindra Nath (Assoc. Prof.) – Ph.D. (CSE) – Specialization: Algorithms, Networks
- Dr. Aditya Khamparia (Asst. Prof.) – Ph.D. – Specialization: Artificial Intelligence
- Dr. Yogdhar Pandey (Asst. Prof.) – Ph.D. (CSE) – Specialization: Computer Science &Engg.

2.5 Evaluation Process and Reforms



- Internal assessments through competitions, presentations, and project-based evaluation.

2.6 Student Performance and Learning Outcomes



- Placement/Achievement: 2 students placed/achieved distinction.

2.7 Student Satisfaction Survey

- Students participate actively in extracurriculars (sports, cultural, academic events), indicating positive engagement.

3. Research, Innovations and Extension

3.1 Promotion of Research and Facilities



- Faculty publications and book contributions.

3.2 Resource Mobilization for Research



- Currently no funded research projects.

3.3 Innovation Ecosystem

- Events like Hackathon Code @ BBAU, Webmania, and UI/UX competitions foster innovation.

3.4 Research Publications and Awards



- Books: 5G Communication, Data Structures using C++.
- Research Paper: Comparative Analysis of E-Learning Information on NEP 2020 vs NPE 1986.
- Total Publications: National – 02, International – 02.

3.5 Consultancy

- None reported.

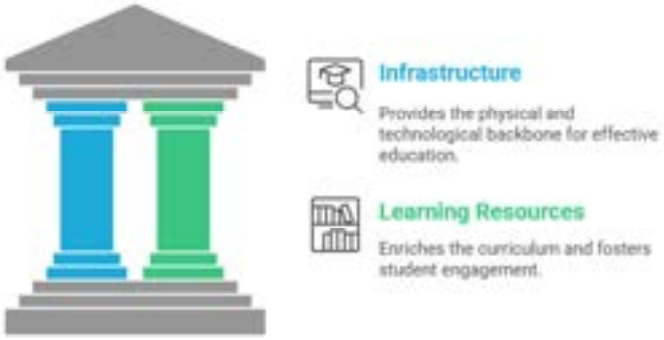
3.6 Extension Activities

- Social outreach via Nukkad Natak and cultural awareness programmes.

3.7 Collaboration

- No MoU's signed (National/International).

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart Classrooms, Lecture Halls, Tutorial Rooms, Library, Reading Hall, Restrooms, Drinking Water, Wi-Fi.

4.2 Library as a Learning Resource

- Access to central library and digital resources.

4.3 IT Infrastructure

- Wi-Fi enabled campus, ICT-based teaching.

4.4 Maintenance of Campus Infrastructure

- Regular upkeep of classrooms, reading halls, and student amenities.

5. Student Support and Progression



5.1 Student Support

- Workshops, hackathons, UHV classes, and financial awareness programs.

5.2 Student Progression

- UG enrolment: 160 students.
- Placements: 2 students placed.

5.3 Student Participation and Activities

- Events: Engineers' Day, Science Day, National Youth Day competitions, Cultural programs (Teachers' Day, Freshers, Farewell), Sports (Cricket, Kabaddi, Badminton).

5.4 Alumni Engagement

- Alumni network in progress; no formal structure reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Aim: To nurture industry-ready graduates with strong ethical and social values.

6.2 Strategy Development and Deployment

- Academic + extracurricular integration for holistic development.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to publish books, research papers, and guide innovation activities.

6.4 Financial Management and Resource Mobilization

- Managed under university norms; no independent mobilization reported.

6.5 Internal Quality Assurance System

- Student involvement in departmental events ensures participative quality culture.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Social responsibility promoted through cultural events, Nukkad Natak, and charity-driven activities.

7.2 Best Practices

- Innovation-focused competitions (Hackathons, Webmania, UI/UX).
- Integration of technical + social events for holistic learning.

7.3 Institutional Distinctiveness

- The only Computer Science department at BBAU Satellite Centre offering UG programmes with balanced focus on academics, research, innovation, and social responsibility.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Ravindra Nath**
  Associate Professor,
  Specialization: Algorithms, Computer Networks, HMM
  Qualifications: B.E., M.Tech, Ph.D.

- **Dr. Aditya Khamparia**
  Assistant Professor
  Specialization: Artificial Intelligence
  Qualifications: B.E., M.Tech, Ph.D., Post-Doc

8.2 Various Positions held in & out the Institution

Dr. Ravindra Nath

- Coordinator (BCA) Satellite Centre, Amethi from 2024 to present

Dr. Aditya Khamparia

- Coordinator (BCA) Satellite Centre, Amethi from 2021 to 2024

8.3 Research Publications

8.3.1 Research Articles

Dr. Ravindra Nath

- 2025 Smart Voice Assistant Using Python MMNS Ravindra Nath1, Devraj2*

LIBERTE JOURNAL (ISSN:0024-2020) VOLUME 13 ISSUE 10 2025 issn essn 0024-2020 …

- book_2025_A Handbook of Python Programming PS Ravindra Nath, Shachi Mall National Alpha M Publishers, 1, 128
- Synthesis and characterization of MCF doped Zn substituted hexaferrite balance enables microwave absorbing composites for C-band to Ku-band RNK Vivek Pratap, Prince Prince, Sonu Vishvakarma, Rajesh Katiyar, Mohit ... Cureus Journal of Engineering
- Pattern Matching of Gene Sequencing Using LCS and String-Matching Algorithms R Nath, I Prashant Srivastava CSJM University, Kanpur, S Mall 2025 3rd International Conference on Communication, Security, and Artificial …
- book 2025_Data structure Using C++ Dr. Ravindra Nath, Dr. Yogadhar Pandey, Dr. Neeraj Kumar Tiwari
- A Comparative Analysis of E-Learning's Influence on the National Education Policy 2020 and the National Policy on Education 1986 in the Context of Technological Advancements.
- AKA 1Ratnartuh Mishra1, Neeraj Kumar Tiwari2, Sandeep Kumar Nayak3, Ravindra ...
- Library Progress International https://doi.org/10.48165/bapas.2024.44.2.1 …
- Award_I2OR INTERNATIONAL TEACHING EXCELLENCE AWARD 2024 AR Nath I2R

Dr. Aditya Khamparia

- Kumar, Ravi, Amritpal Singh, and Aditya Khamparia. "Visual Feature Refinement with MECNET for Gastrointestinal Cancer Classification." Journal of Current Science and Technology 15, no. 3 (Scopus, IF = 0.6) (2025): 126-126.
- Khamparia, Aditya, and Chandan Singh. "Advanced Safety Systems: Seat Belt and Occupancy Detection using Attention Spiking Neural Networks." International Journal on Engineering Artificial Intelligence Management, Decision Support, and Policies 2, no. 1 (2025): 1-13.
- Alkhonaini, Mimouna Abdullah, Alanoud Al Mazroa, Mohammed Aljebreen, Siwar Ben Haj Hassine, Randa Allafi, Ashit Kumar Dutta, Shtwai Alsubai, and Aditya Khamparia. "Hybrid Sine-Cosine Chimp optimization-based feature selection with deep learning model for threat detection in IoT sensor networks." Alexandria Engineering Journal 102 (SCI-E, IF = 6.2) (2024): 169-178.
- Khamparia, Aditya, Deepak Gupta, Mashael Maashi, and Hanan Abdullah Mengash. "Cognitive driven gait freezing phase detection and classification for neuro-rehabilitated patients using machine learning algorithms." Journal of Neuroscience Methods 409 (2024) (SCI-E and Scopus, IF = 2.7): 110183.
- Singh, Sanjay Kumar, Mamoon Rashid, Sultan S. Alshamrani, Mrim M. Alnfiai, Pranshu Saxena, and Aditya Khamparia. "Efficient Transfer Learning Approach for Acute Lymphoblastic Leukemia Diagnosis: Classification of Lymphocytes and Lymphoblastic Cells." Traitement du Signal 41, no. 4 (2024) (SCI-E and Scopus, IF = 1.2): 1749.
- Singh, Amritpal, Aditya Khamparia, and Fadi Al-Turjman. "A hybrid evolutionary approach for multi-objective unit commitment problem in power systems." Energy Reports 11 (SCI-E and Scopus, IF = 6.36) (2024): 2439-2449.

8.3.2 Books / Edited Books

Dr. Ravindra Nath

- Book_2025_A Handbook of Python Programming
  PS Ravindra Nath, Shachi Mall National Alpha M Publishers, 1, 128
- Book 2025_Data structure Using C++ Dr. Ravindra Nath, Dr. Yogadhar Pandey, Dr. Neeraj Kumar Tiwari

Dr. Aditya Khamparia

- Khamparia, Aditya, and Deepak Gupta, eds. Explainable Artificial Intelligence for Biomedical and Healthcare Applications. CRC Press, ISBN: 9781003220107 2024.
- Khamparia, Aditya, and Deepak Gupta, eds. Generative artificial intelligence for biomedical and smart health informatics. John Wiley & Sons, ISBN: ISBN: 978-1-394-28071-1, 2025.
- Pandey, Babita, Devendra Pandey, Aditya Khamparia, Venkatesh Dutta, and Valentina E. Balas. "Artificial Intelligence in Microbial Research. ISBN: 978-981-96-3448-4, 2025"

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Dr. Aditya Khamparia

- Khamparia, Aditya, and Chandan Singh. "Neuromuscular Disease Classification: Leveraging Deep Learning Feature Extractors and Applications." In Artificial Intelligence in Microbial Research: Bridging the Gap, pp. 437-450. Singapore: Springer Nature Singapore, 2025.
- Kumar, Ravi, Akshay Kanwar, Amritpal Singh, and Aditya Khamparia. "Leveraging Generative Adversarial Networks for Image Augmentation in Deep Learning." Generative Artificial Intelligence for Biomedical and Smart Health Informatics (2025): 401-416.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Aditya Khamparia

- Convenor in second international conference on computing system and intelligent applications (comsia 2025) 28th -29th March 2025 at School of Open Learning, University of Delhi in collaboration with Shaheed Rajguru College of Business Studies, Delhi, India.
- Convener in 6th Doctoral Symposium on Computational Intelligence (DoSCI 2025) – An International Conference was held on 28th-29th March 2025 at School of Open Learning, University of Delhi; Institute of Engineering & Technology, a constituent college of Dr APJ Abdul Kalam Technical University Lucknow, India in association with University of Calabria, Italy.
- Technical program Chair in International Conference on Computing and Communication Networks (ICCCNet-2024) was held on 17-18th October 2024 at Manchester Metropolitan University, United Kingdom

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision: NA

8.3.5.2 Ph.D. Awarded: NA

8.3.6 Projects/Consultancy/and any other

- Received Project Grant of Rs. 14,23,000/- as Principal Investigator under the Young Scientist Award (SYST) Department of Science and Technology, Project Duration (24 months) i.e. 2022-2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements-Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	11
2.	Total number of journal publications by Department (International)	5
3.	Total number of publications in conference proceedings	0
4.	Total number of workshops/conferences/seminars/etc organized by Department	0
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	0
7.	Total number of UG students	177
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	99
10	Total number of Award and Medals	0
11	Total number of Patents/copyright filed/granted	0
12	Total number of sponsored research project sanctioned	1
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	5
17	Total number of total number of students opted for higher studies	12

Department of History (Satellite Centre, Amethi)

About the Department

The Department of History at BBAU Satellite Centre, Amethi, was established in 2020 after restructuring from the Department of Social Science and Commerce. It offers **B.A. (History Hons.), M.A. (History), and Ph.D. programmes**, with an aim to provide foundational and advanced knowledge of **History, Trade, and Industry**. The department focuses on **academic excellence, holistic student development, and social inclusion**, ensuring students are well-prepared for higher studies, research, and employment.

Department Strength

Faculty Strength: 02 (1 Associate Professor, 1 Assistant Professor).

Student Strength:

- UG Students: 07
- PG Students: 01
- Ph.D. Students: Nil

Facilities: Centralized Library, Reading Hall, Tutorial Room, Wi-Fi, Drinking Water.

Academic Environment: Student-focused teaching with seminars, debates, cultural programmes, and co-curricular activities.

Strength Areas:

- Dedicated and qualified faculty in Modern Indian History and Ancient Culture.
- Strong focus on cultural and national events to inculcate values.
- Inclusive and supportive learning atmosphere.

Next Year Plan (2025–26)



Academic Growth:

- Increase intake at UG and PG levels.
- Introduce more interdisciplinary elective papers in collaboration with sister departments.

Research & Publications:

- Encourage faculty to publish research papers and book chapters.
- Initiate minor/major research projects.

Extension & Outreach:

- Organize at least 2 national seminars/conferences.
- Build collaborations with nearby colleges/universities for academic exchange.

Student Development:

- Conduct skill-based workshops (e.g., historical research methodology, heritage studies).

- Enhance student participation in debates, essay writing, and inter-university competitions.

Digital & Infrastructure Enhancement:

- Strengthen ICT-enabled teaching.
- Expand access to e-resources and digital history archives.

1. Curricular Aspects

1.1 Curriculum Design and Development



- The Department of History was established in 2020 after restructuring from the Department of Social Science and Commerce at BBAU Satellite Centre, Amethi.
- It offers B.A. (History Hons.), M.A. (History), and Ph.D. programmes designed to provide knowledge of History, Trade, and Industry.
- Curriculum emphasizes holistic development and effective learning environments.

1.2 Curricular Planning and Implementation

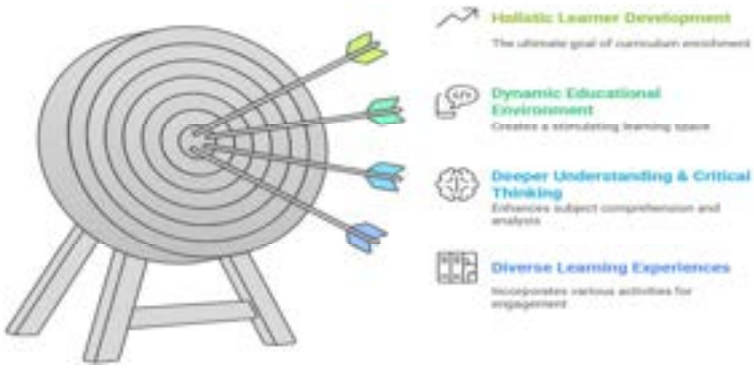
- Courses are implemented with focus on student-centric teaching and continuous evaluation.
- Academic activities include seminars, invited talks, debates, discussions, and presentations.

1.3 Academic Flexibility



- Choice of UG, PG, and Ph.D. programmes in History.

1.4 Curriculum Enrichment

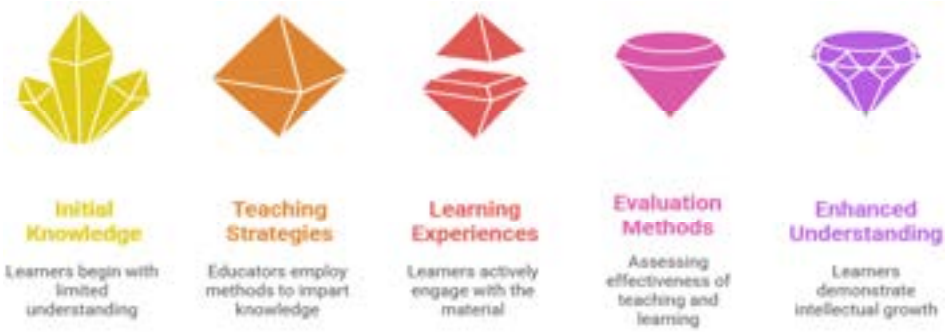


- Activities include cultural events, debates, essay competitions, and national celebration days.
- Students are exposed to both academic and co-curricular enrichment.

1.5 Feedback System

- Student participation in academic and cultural events indirectly serves as feedback. (No structured feedback system reported.)

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 07
- PG Students: 01
- Ph.D. Students: Nil

2.2 Catering to Student Diversity



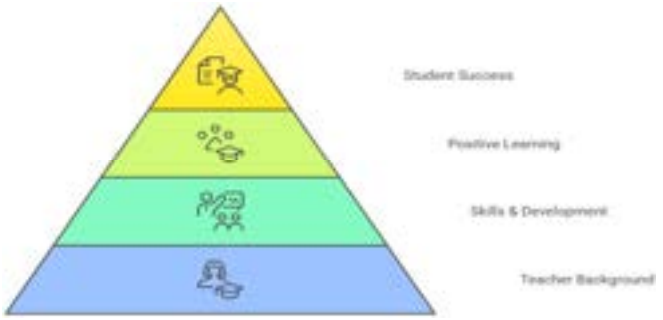
- Activities for holistic and inclusive development (e.g., cultural programmes, debates, essay competitions, celebrations of national days).

2.3 Teaching-Learning Process



- Classroom lectures, tutorials, debates, seminars, and cultural exposure.

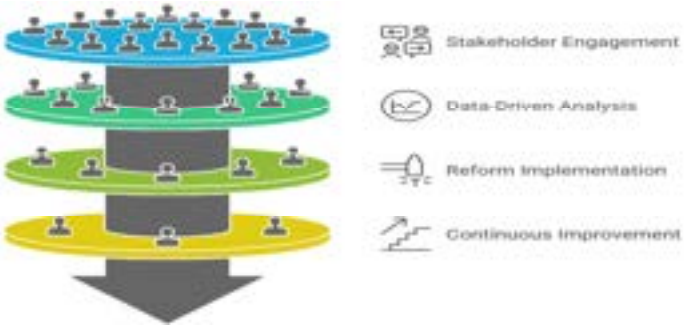
2.4 Teacher Profile and Quality



Faculty Members:

- Dr. Rajesh Kumar – Associate Professor, Coordinator, Specialization: Modern Indian History (M.A., Ph.D.)
- Dr. Sushil Kumar Pandey – Assistant Professor, Specialization: Modern Indian History, Ancient Culture and Philosophy (M.A., Ph.D.)

2.5 Evaluation Process and Reforms



- University norms followed; no departmental reforms reported.

2.6 Student Performance and Learning Outcomes



- No special student achievements reported.

2.7 Student Satisfaction Survey

- Not documented.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Facilities available: Centralized Library, Reading Hall, Wi-Fi, Tutorial Room, Drinking water.

3.2 Resource Mobilization for Research



- Nil

3.3 Innovation Ecosystem

- Nil

3.4 Research Publications and Awards



- Publications by department faculty: Nil

3.5 Consultancy

- Nil

3.6 Extension Activities

- Students engaged in social inclusion activities and charitable events.

3.7 Collaboration

- No MoUs with national/international institutions.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Library, Reading Hall, Tutorial Room, Drinking water, Wi-Fi.

4.2 Library as a Learning Resource

- Centralized Library available.

4.3 IT Infrastructure

- Wi-Fi facility.

4.4 Maintenance of Campus Infrastructure

- University managed.

5. Student Support and Progression



5.1 Student Support

- Participation in academic, cultural, and social events.

5.2 Student Progression

- PG Students: 01
- UG Students: 07
- Ph.D. Students: Nil

5.3 Student Participation and Activities

Events organized:

- Independence Day (15 Aug 2024)
- University Day (10 Jan 2024)
- Republic Day (26 Jan 2024)
- Elocution & Essay competitions (23 Jan 2024 – National Youth Day)
- Cultural programs on Teacher's Day, Fresher's Party, Farewell Party
- Dr. B.R. Ambedkar Jayanti & Foundation Day (14 Apr 2025)

5.4 Alumni Engagement

- Not reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To provide quality education in History, Trade, and Industry with holistic development.

6.2 Strategy Development and Deployment

- Emphasis on academic as well as cultural enrichment.

6.3 Faculty Empowerment Strategies

- Participation in teaching-learning and mentoring.

6.4 Financial Management and Resource Mobilization

- Nil

6.5 Internal Quality Assurance System (IQAS)

- Department follows University's IQAC guidelines.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Celebration of national festivals, university events, and social activities promote civic responsibility.

7.2 Best Practices

- Organizing debates, elocution, essay competitions, and cultural programmes.
- Promoting student involvement in social inclusion.

7.3 Institutional Distinctiveness

- Focus on linking History with trade, commerce, and holistic student development.

8. Faculty Profile (Department Specific)

8.1 Academic Details:

- **Dr. Rajesh Kumar**
  Associate Professor,
  Coordinator, Department of History
  Specialization: Modern Indian History, Dalit History, Woman's History

- **Dr. Sushil Kumar Pandey**
  Assistant Professor
  Department of History

Specialization: Modern History

8.2 Various Positions held in & out the Institution

Dr. Rajesh Kumar

- Coordinator, Dept. of History BBAU Satellite Centre Amethi (2023 to till now)
- In-charge of Maintenance, BBAU Satellite Centre Amethi
- Member of SC/ST Welfare Association BBAU (2023 to till now)
- Member of Unnat Bharat Abhiyan (2023 to till now)
- In-charge of Proctorial Board, BBAU Satellite Centre, Amethi (2023 to till now)
- Coordinator, of B.A. – B.Ed 4 years Integrated Course (ITEP)
- Member of Mess- Committee

Dr. Sushil Kumar Pandey

- In-charge Sports
- Member of Mess- Committee

8.3 Research Publications

Dr. Rajesh Kumar

- Published a research paper titled *"Indian Knowledge System: Challenges and Its Application in Higher Education for Sustainable Future Development"* by **Shankar Kumar Lal, Sanjay Srivastava, Vibhooti Narayan, Nisha Pal, Rajesh Kumar, and Samiksha Sinha** in the journal **Library Progress International (Scopus Indexed)**, pp. **11931–11941**
  https://bpasjournals.com/library-science/index.php/journal/article/view/2546

8.3.1 Research Articles

Dr. Rajesh Kumar

- *Indian Knowledge System*

Dr. Sushil Kumar Pandey

- *Akhila Bharatiya Itihasa Sankalana Yojana*
- *Knowledge scholar*

8.3.2Books / Edited Books

Dr. Rajesh Kumar

- *Indian Knowledge System*

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

Nil

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

Dr. Rajesh Kumar

- More Then 50 Papers Presented/ Conferences

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

Dr. Rajesh Kumar
Name of Research Scholar

- Priti Maurya has enrolled for a Ph.D. with the thesis titled – Nil
- Sweta Kumari Kheralia has enrolled for a Ph.D. with the thesis titled – Nil
- Ankit Singh has enrolled for a Ph.D. with the thesis titled "The History of Indian Railways form British raj till – 2024: Building of transportation of network and impact on India's Economy".
- Prabhakar Kumar Gupta has enrolled for a Ph.D. with the thesis titled "Colonial Water Management and Its Socio-economic Impact: A Study of Canal Irrigation in the United Provinces (1854-1947)".
- Brajendra Ahirwar has enrolled for a Ph.D. with the thesis titled "Water Management in Bundelkhand Region During the Chandela Era (Special reference: Lalitpur and Tikamgarh)".

Dr. Sushil Kumar Pandey
Name of Research Scholar

- Aditi Dwivedi- Nil
- Alok Singh has enrolled for a Ph.D. with the thesis titled Topic of "The Role of the Bandhalgoti Rajputs in the Political Landscape of Awadh": Analyzing their influence and interaction with Contemporary powers.
- Prashansa Bharti has enrolled for a Ph.D. with the thesis titled "Unveiling the voices of marginalized: Condition of Dalit women in Indian National Movement with special reference to UP (1857-1947)".
- Niharika Kumari has enrolled for a Ph.D. with the thesis titled "Exploring the Socio-Cultural History of Gond Tribe in Uttar Pradesh (British Period to Present)".

8.3.5.2 Ph.D. Awarded

Nil

8.3.6 Projects/Consultancy/and any other

Nil

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

Nil

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	Nil
5.	Total number of PhD degree awarded by Department	Nil

6.	Total number of PG students	Nil
7.	Total number of UG students	05
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	Nil
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	09

Department of Sociology (Satellite Centre, Amethi)

About the Department

The Department of Sociology at BBAU Satellite Centre, Amethi, established in 2020, is committed to providing quality education in Sociology with a focus on rural, cultural, and social issues. The department emphasizes academic excellence, social responsibility, and the integration of Indian Knowledge Systems (IKS) into teaching and research. It encourages students to engage in research, extension activities, and community service, fostering a holistic understanding of society rooted in both classical sociological thought and indigenous Indian perspectives.

Strength

- Dedicated faculty with specialization in key areas of Sociology.
- Active student participation in cultural and academic activities.
- Centralized library and digital learning resources.
- UG and Ph.D. programmes offering scope for higher research.

Next Year Plan (2025-26)



- Introduce more value-added courses and skill-based workshops.
- Strengthen research activities and initiate collaborations with other institutions.
- Organize at least one National Seminar/Conference.
- Establish formal Alumni Association.
- Enhance student mentoring and career guidance support.
- Increase student enrolment in UG and Ph.D. programmes.

1. Curricular Aspects

1.1 Curriculum Design and Development / Curricular Planning and Implementation



- The Department of Sociology was established in 2020 after separation from the Department of Social Science and Commerce.
- Objective: To provide basic knowledge of Sociology and integrate sociological inquiry with Indian societal and knowledge perspectives.

Programmes Offered:

B.A. Sociology (Hons.)

Ph.D. Programme

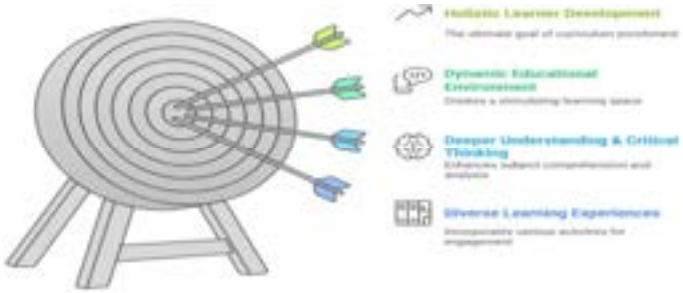
- The curriculum is designed in line with NEP-2020, ensuring academic rigor while integrating sociological inquiry with Indian societal and knowledge perspectives, thereby fostering a harmonious blend of classical and indigenous approaches to social understanding.
- Department organizes seminars, invited talks, debates, discussions to enhance curriculum delivery.

1.2 Academic Flexibility



- UG (B.A. Hons.) and Ph.D. programmes with scope for research.
- Opportunity for students to participate in academic, social and cultural activities beyond curriculum.

1.3 Curriculum Enrichment



Activities conducted:

- Independence Day, Republic Day, University Day celebrations.
- Essay writing & elocution competitions.
- Cultural events (Teacher's Day, Fresher's, Farewell, Ambedkar Jayanti).

Social outreach: Charitable events and awareness drives.

1.4 Feedback System

- Informal student feedback and interactive discussions with faculty.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 07
- Ph.D. Students: 03

2.2 Catering to Student Diversity



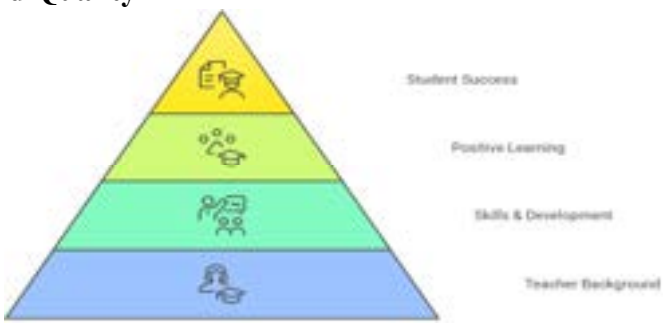
- Students encouraged in both academic and extracurricular activities for inclusive development.

2.3 Teaching-Learning Process



- Focus on participatory learning: debates, seminars, and group discussions.
- Exposure to NEP-2020 themes through conferences/seminars.

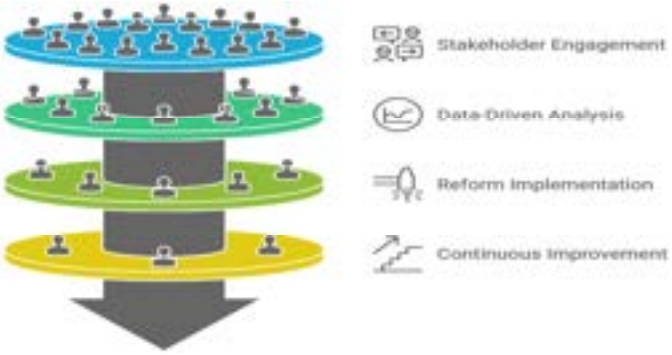
2.4 Teacher Profile and Quality



Faculty:

- Dr. Shankar Kumar Lal (Assistant Professor, Coordinator)
- Specialization: Rural Sociology, Gender Studies, Sociology of Dalits, IKS.
- Qualification: Ph.D., P.D.F.

2.5 Evaluation Process and Reforms



- University guidelines followed for evaluation and assessment.

2.6 Student Performance and Learning Outcomes



- UG: 100% pass rate (data on placements/achievements yet to be reported).

2.7 Student Satisfaction Survey

- Informal feedback collected during departmental meetings.

3. Research, Innovations and Extension



3.1 Promotion of Research and Facilities

- Department offers Ph.D. programme to encourage research culture.

3.2 Resource Mobilization for Research



- Nil

3.3 Innovation Ecosystem

- Participation of faculty in NEP-related seminars fosters innovative academic ecosystem.

3.4 Research Publications and Awards



- Best Academician Award,2025, Norbuling Rigter College, Royal University of Bhutan, Paro
- Best Research Paper Award,2025, Norbuling Rigter College, Royal University of Bhutan, Paro

3.5 Consultancy

- Nil

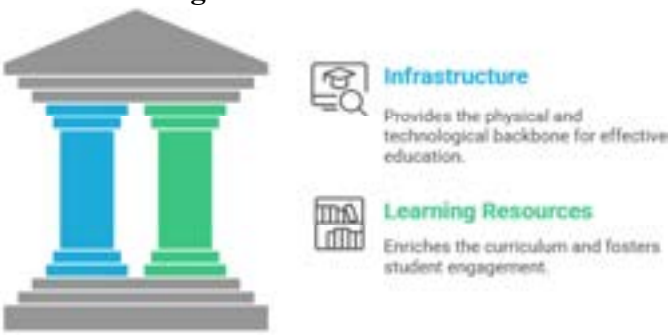
3.6 Extension Activities

- Charitable events by students to serve society.

3.7 Collaboration

- The Department has received an MoU request from SAHASH, and the process is currently ongoing for formal collaboration

4. Infrastructure and Learning Resources



4.1 Physical Facilities

Facilities available:

- Centralized Library
- Wi-Fi facility
- Drinking Water Facility

4.2 Library as a Learning Resource

- Access to centralized university library resources.

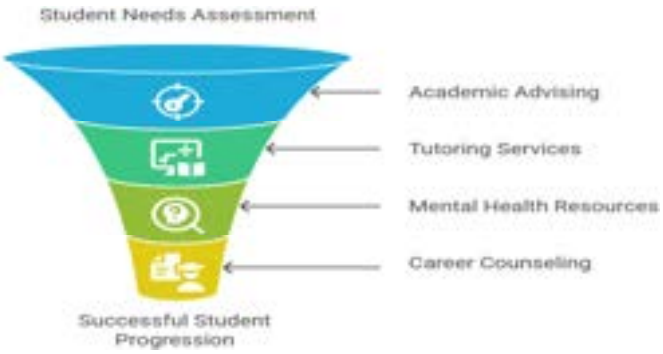
4.3 IT Infrastructure

- Wi-Fi enabled department for faculty and students.

4.4 Maintenance of Campus Infrastructure

- University-level maintenance system.

5. Student Support and Progression



5.1 Student Support

- Guidance provided for higher studies and research orientation.

5.2 Student Progression

- UG students encouraged to pursue PG and research.

5.3 Student Participation and Activities

Participation in:

- Independence Day, Republic Day, University Day.
- Debate, Essay Writing, Elocution.
- Cultural events: Teacher's Day, Fresher's, Farewell.

5.4 Alumni Engagement

- Alumni network to be strengthened (formal mechanism not yet established).

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: Holistic learning and social responsibility through Sociology.
- Leadership under faculty coordinator.

6.2 Strategy Development and Deployment

- Adoption of NEP-2020 strategies in teaching and research.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to present papers, chair sessions, moderate seminars.

6.4 Financial Management and Resource Mobilization

- Managed by University.

6.5 Internal Quality Assurance System (IQAS)

- Department follows university-level IQAC guidelines.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Students engaged in Social, charitable and cultural activities.
- Observance of national days and social inclusion drives.

7.2 Best Practices

- Interdisciplinary discussions, debates, cultural inclusivity.

7.3 Institutional Distinctiveness

- Established in 2020, the Department of Sociology has developed a **distinctive identity** by integrating **Sociological inquiry with Indian societal and knowledge perspectives**, fostering a blend of classical and indigenous approaches to social understanding.

8. Faculty Profile (Department Specific)

8.1 Academic Details:

- **Dr. Shankar Kumar Lal**
  Assistant Professor,
  Coordinator, Department of Sociology
  Specialization: Indian Knowledge System, Rural Sociology, Gender Studies, Sociology of Dalits
  Qualifications: M.A., Ph.D., P.D.F.

8.2 Various Positions held in & out the Institution –

- Coordinator: Department of Sociology
- Coordinator: Department of Public Administration
- Program Officer: National Service Scheme (NSS)
- In charge: Hindi Cell

8.3 Research Publications

8.3.1 Research Articles

- Published a research paper titled *"Indian Knowledge System: Challenges and Its Application in Higher Education for Sustainable Future Development"* by **Shankar Kumar Lal, Sanjay Srivastava, Vibhooti Narayan, Nisha Pal, Rajesh Kumar, and Samiksha Sinha** in the journal **Library Progress International (Scopus Indexed)**, pp. **11931–11941**
  https://bpasjournals.com/library-science/index.php/journal/article/view/2546
- Published a research paper titled *"A Comparative Analysis of E-Learning's Influence on the National Education Policy 2020 and the National Policy on Education 1986 in the Context of Technological Advancements"* by **Ratnartuh Mishra, Neeraj Kumar Tiwari, Sandeep Kumar Nayak, Ravindra Nath, Shankar K. Lal, Priya Tewari,**

Khushboo Rawat, and Arunesh Kumar Awasthi in the journal **Library Progress International (Scopus Indexed)**, pp. **12836–12852**.
https://bpasjournals.com/library-science/index.php/journal/article/view/2645

- Published a research paper titled *"The Impact of Social Entrepreneurship on Economic Development in Rural Areas"* by **Dr. S. Brinda, Shilpa Sachdeva, Shankar Kumar Lal, Rajesh Kumar, Nisha Pal, Narender Chinthamu, and Anurag Shrivastava** in the journal **Library Progress International (Scopus Indexed)**, pp. **52–62**.
https://bpasjournals.com/library-science/index.php/journal/article/view/307

8.3.2 Books / Edited Books – Nil

- Authored a book titled "Essential of Indian Traditional Knowledge" by Shankar Kumar Lal, Nisha Pal, and Rajesh Kumar, published by IGI Global Publication, with ISBN: 978-93-6736-584-7.

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Book chapter titled "Dalit Akhyan aur Bharatiya Gyan Paramparaye" by Shankar Kumar Lal in the book titled "Bhartiya Gyan Parampara Ke Vividh Sandarbh" published by Nikhil Publishers & Distributors with ISBN: 978-93-5552-566-6
- Book chapter titled "Marginalized Communities and Landless Labourers: Struggles for Land Rights and Social Justice in Bihar" by Shankar Kumar Lal in the book titled "Farming Without Fields: Landlessness and Agricultural Livelihoods" published by The Marginalised Publication, Patna with ISBN: 978-81-977558-5-9
- Book chapter titled "From Isolation to Integration: Technology's Effect on Tribal Societies in Uttrakhand" by Nisha Pal, Shankar Kumar Lal in the book titled "Cultural Heritage and Social Values; The Role of Folk Literature and Education in Uttrakhand Tribes" published by Pacific Books International, New Delhi with ISBN: 978-93-48285-79-9

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Presented a research paper titled "Diversity as Strength: Indigenous Knowledge Systems and Inclusive Development in India and Bhutan" at the International Conference on "Towards a Sustainable and Equitable Future: Role of Technology, Politics and Economics in Societal Transformation", organized by Norbuling Rigter College, Royal University of Bhutan, Paro, held from 10th to 13th May 2025.
- Chaired a session at the International Conference on "Towards a Sustainable and Equitable Future: Role of Technology, Politics and Economics in Societal Transformation", organized by Norbuling Rigter College, Royal University of Bhutan, Paro, held from 10th to 13th May 2025.
- Chaired a session at the National Seminar on "Land, Landless and Agriculture", organized by A.N. College, Patna, on 10th March 2025.
- Presented a paper titled "The Impact of Social Factors on the Mental Health of Youth" at the International Conference & Workshop on "Mental Health & Wellbeing of Youth towards Realization of the Dream of Viksit Bharat", organized by

Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow, held on 13th–14th February 2025

- Presented an online paper titled "Role of AI in the Transformation of Rural Society and Culture" at the National Seminar on "Artificial Intelligence for Transforming Education", organized by GHGH College of Education for Women, Ludhiana, on 23rd April 2025

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

- Anil Kumar Rawat has enrolled for a Ph.D. with the thesis titled "Dharm,Vikas aur Parivartan: Chandrika Devi Paryatan Sthal Lucknow ka ek Samajshastriya Adhhyan"
- Shreya Arya has enrolled for a Ph. D., and her synopsis is currently under preparation

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

- Serving as **Co-Principal Investigator (Co-PI)** for the ICSSR, New Delhi funded ICSSR **Major Research Project** titled *"Kaimur Janpad Ki Kala, Sthapatya avam Puratatvik Samagriyon ka Sankalan: Samajstriya aur Sanskritik Adhyayan"*, with a total grant of **₹16,00,000**, covering the period from **March 2025 to February 2027 (24 months)**.

- Serving as **Project Director** for the **ICSSR, New Delhi funded ICSSR Longitudinal Studies in Social and Human Sciences Research Project** titled *"A Longitudinal Ethnographic Study of Socio-Economic Shifts, Youth Aspirations, Gender Agency, and Indigenous Knowledge among Birhor PVTGs in Bihar and Jharkhand"*, with a total **grant of ₹1,20,00,000**, covering the period from **July 2025 to June 2029 (48 months)**.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

- Received the **Best Academician Award** from the **International Conference Committee** at the *International Conference on "Towards a Sustainable and Equitable Future: Role of Technology, Politics and Economics in Societal Transformation"*, organized by **Norbuling Rigter College, Royal University of Bhutan, Paro**, held from **10th to 13th May 2025**.
- Received the **Best Paper Award** from the **International Conference Committee** at the *International Conference on "Towards a Sustainable and Equitable Future: Role of Technology, Politics and Economics in Societal Transformation"*, organized by **Norbuling Rigter College, Royal University of Bhutan, Paro**, held from **10th to 13th May 2025**.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	Nil
2.	Total number of journal publications by Department (International)	Nil
3.	Total number of publications in conference proceedings	Nil

4.	Total number of workshops/conferences/seminars/etc organized by Department	02
5.	Total number of PhD degree awarded by Department	Nil
6.	Total number of PG students	Nil
7.	Total number of UG students	12
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	Nil
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	01
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	04

Department of Commerce (Satellite Centre, Amethi)

About the Department

The Department of Commerce was established in 2020 with the objective to provide basic knowledge of Commerce, Trade and Industry. Presently, it offers full time Bachelor of Commerce Programme (B. Com Hons.) and Ph.D. programmes, through effective and holistic learning environment to enable the students and advanced their knowledge in the field of Commerce & Trade. The department focuses on academic excellence, student development, and cultural activates which includes, Invited talks, Seminars and Presentations, debates and discussions, improving their skills etc, ensuring students are well-prepared for higher studies, research, and employment.

Department Strength

Faculty Strength: 01 (01 Associate Professor)

Student Strength:

UG Students: 41

Ph.D. Students: 05

Facilities: Centralized Library, Reading Hall, Tutorial Room, Wi-Fi, Drinking Water.

Academic Environment: Student-focused teaching with seminars, debates, cultural programmes, and co-curricular activities.

Strength Areas:

Dedicated and qualified faculty in field of commerce [entrepreneurship, financial inclusion, cost & management accounting, Enterprise Resource Planning (ERP), MSME Sector (Financing & Rehabilitation), and Banking Performance Measurement].

Strong focus on cultural and national events to inculcate values.

Inclusive and supportive learning atmosphere.

Next Year Plan (2025-26)



Academic Growth:

- Increase intake at UG levels.
- Introduce certificate courses in Accounting Software, Financial Analytics, and Digital Commerce.
- Introduce more interdisciplinary elective papers in collaboration with sister departments.
- Incorporate project-based learning and business simulation exercises.

Research & Publications:

- Encourage faculty to publish research papers and book chapters.
- Initiate minor/major research projects.

- Motivate students to present papers/posters at inter-university conferences.

Extension & Outreach:

- Plan to organize/ promote entrepreneurial learning through collaboration with MSME
- Organize financial literacy campaigns for local youth and entrepreneurs in nearby campus.
- Build collaborations with nearby colleges/universities for academic exchange.

Student Development:

- Conduct skill-based workshops/programmes in soft skills, communication, and entrepreneurship.
- Enhance student participation in debates, essay writing, and inter-university competitions.

1. Curricular Aspects

1.1 Curriculum Design and Development



- The department of Commerce offers B.com (Hons.) and Ph.D. with a focus on commerce, trade, finance, and research.
- Curriculum aligned with the National Education Policy (NEP 2020) emphasizing multidisciplinary and skill-based learning.

1.2 Academic Flexibility

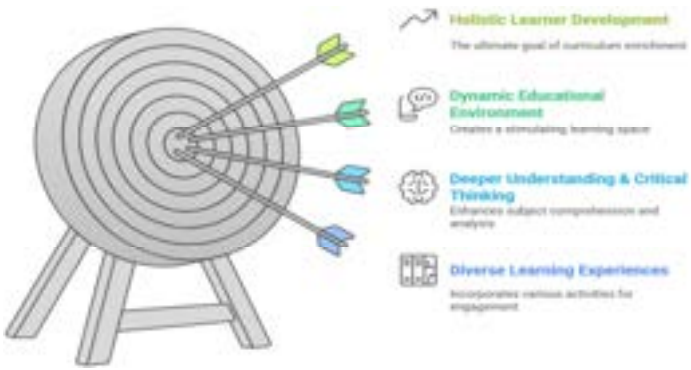


- Programmes designed to offer exposure to interdisciplinary areas like Business Analytics, Management Studies, and Economics.

1.3 Curricular Planning and Implementation

- Full-time undergraduate program in Commerce is offered.
- Department organizes academic and cultural activities like seminars, presentations, debates, and discussions.

1.4 Curriculum Enrichment



- Add on activities planned: Workshops on GST, Investment Awareness, financial Inclusion, and Case Study Competitions.
- Students are exposed to both academic and co-curricular enrichment.

Feedback System

- Mechanism under development for students and faculty feedback to improve academic planning and learning outcomes.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 41
- Ph.D. Students: 05

2.2 Catering to Student Diversity



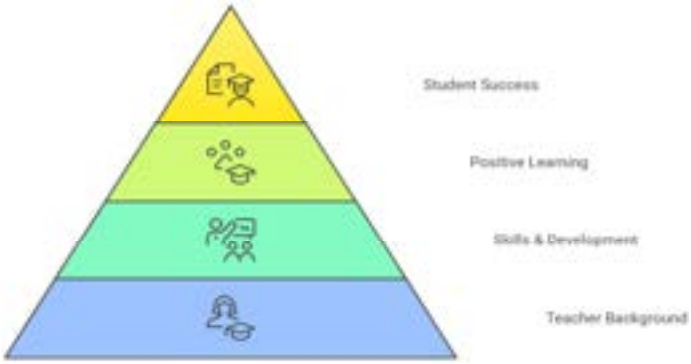
- Plans to implement bridge courses and remedial sessions once enrolment begins.

2.3 Teaching-Learning Process



- Interactive pedagogy involving case studies, discussions, and presentations.

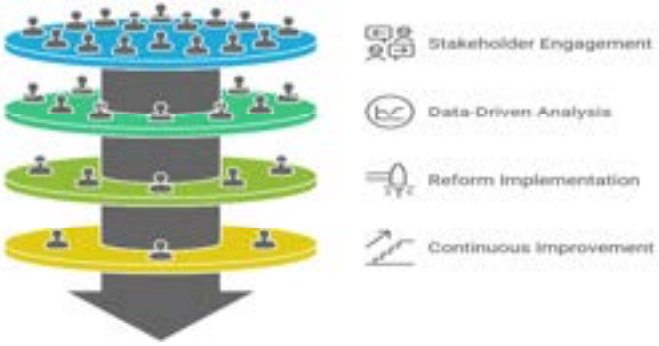
2.4 Teacher Profile and Quality



Faculty Details:

- Dr. Leena Sharad Shimpi, Associate Professor, Co-coordinator
- Specialization: Strategic Cost Management, Enterprise Resource Planning (ERP) System, Financial Inclusion, MSME Sector (Financing & Rehabilitation), Banking Performance Measurement (Ph. D; FCMA; MBA (F); M Com; UGC – NET)

2.5 Evaluation Process and Reforms



- University norms followed; no departmental reforms reported.

2.6 Student Performance and Learning Outcomes



- No special students' achievements reported.

2.7 Student Satisfaction Survey

- Not documented.

3. Research, Innovations and Extension



3.1. Promotion of Research and Facilities

- Facilities available: Centralized Library, Reading Hall, Wi-Fi, and Tutorial Room.
- Faculty encouraged publishing papers, author books, and participating in conferences.

3.2 Resource Mobilization for Research



- Nil

3.3 Innovation Ecosystem

- Nil

3.4 Research Publications and Awards



- Publications by department faculty:

3.5 Consultancy

- Nil

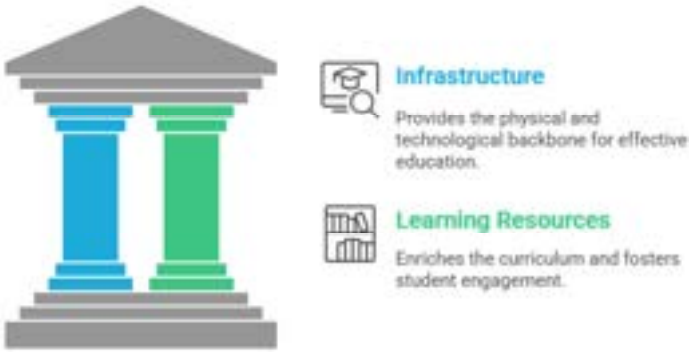
3.6 Extension Activities

- Students engaged in social inclusion activities and charitable events.

3.7 Collaboration

- No MoUs with national/international institutions.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Library, Reading Hall, Tutorial Room, Drinking water, Wi-Fi.

4.2 Library as a Learning Resource

- Centralized Library available.

4.3 IT Infrastructure

- Wi-Fi facility.

4.4 Maintenance of Campus Infrastructure

- University managed.

5. Student Support and Progression



5.1 Student Support

- Participation in academic, cultural, and social events.

5.2 Student Progression

- UG Students: 41
- Ph.D. Students: 05

5.3 Student Participation and Activities

Events organized:

- Independence Day (15 Aug 2024)
- University Day (10 Jan 2024)
- Republic Day (26 Jan 2024)
- Elocution & Essay competitions (23 Jan 2024 – National Youth Day)
- Cultural programs on Teacher's Day, Fresher's Party, Farewell Party
- Dr. B.R. Ambedkar Jayanti & Foundation Day (14 Apr 2025)

5.4 Alumni Engagement

- Not reported.

6. Governance, Leadership and Management



6.1 Institutional Vision and Leadership

- Vision: To provide quality education in Accounting, Finance, Trade, Business, and Management with holistic development.

6.2 Strategy Development and Deployment

- Integrated approach combining academics, research, and social responsibility.

6.3 Faculty Empowerment Strategies

- Participation in teaching-learning and mentoring.

6.4 Financial Management and Resource Mobilization

- Nil

6.5 Internal Quality Assurance System (IQAS)

- Department follows University's IQAC guidelines.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Commitment to promoting financial awareness, ethical business practices, and inclusive education.

7.2 Best Practices

- Organizing debates, elocution, essay competitions, and cultural programmes.
- Integration of academic knowledge with real-world financial applications.
- Promoting student involvement in social inclusion.

7.3 Institutional Distinctiveness

- Department offering a comprehensive blend of teaching, research, and community outreach in business and finance disciplines.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Leena Sharad Shimpi**
  Associate Professor
  Specialization: Strategic Cost Management, Enterprise Resource Planning (ERP) System, Financial Inclusion, MSME Sector (Financing & Rehabilitation), Banking Performance Measurement
  Qualifications: Ph. D; FCMA; MBA (F); M Com; UGC – NET

8.2 Various Positions held in & out the Institution -

8.3 Research Publications

8.3.1 Research Articles

- Srinate S., Iti, Shimpi S. L., & Kumar A., "Securing the Digital Financial Frontier: Advancing SDGs through Inclusive Fintech and Robust Cybersecurity- A Mixed Method Approach", International Journal of Scientific Research in Engineering and Management, ISSN: 2582-3930, 2025.
- Srinate S., Iti, Shimpi S. L., & Kumar A., "Bridging Inclusion with Security- A Case Study-Driven Framework for Sustainable Digital Banking in India's Urban Centers", International Journal of Latest Technology in Engineering Management & Applied Science, 14(6), 609-622, 2025. https://doi.org/10.51583/IJLTEMAS.2025.140600069
- Iti, Srinate S., & Shimpi S. L., "Transforming Women's Futures: A Case Study on The Role of Artificial Intelligence in Digital Education in State of Uttar Pradesh, India", International Journal of Latest Technology in Engineering Management & Applied Science, 14(6), 115-120, 2025. https://doi.org/10.51583/IJLTEMAS.2025.140600014
- Shimpi S. L., "Specifying the Study of Trade and Convergence of BRICS Economies in Post Pandemic Era", International Journal of Engineering Technology and Management Science, ISSN 2581-4621, 2024.

8.3.2 Books / Edited Books: Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Published a book chapter titled "Aligning Profit with Purpose: Corporate Governance and CSR as Drivers of Sustainable Development in Emerging Economies" by Dr. Leena S. Shimpi and Shreya Srinate, in the edited book titled "Global Business: Challenges and Opportunities" published by Bharti Publication, New Delhi – 110002, with ISBN - 978-93-49566-46-0, 2025.
- Published a book chapter titled "Emotional Intelligence in Cybersecurity: Paving the Path Towards a Resilient Digital Future" by Shreya Srinate and Dr. Leena S. Shimpi, in the edited book titled "Emotional Intelligence in Ancient India" published by P.K.

Publishers and Distributors, New Delhi – 110053, with ISBN - 978-93-49060-05-0, 2025.

- Published a book chapter titled "Women Entrepreneurs Globally with a Focus on Manufacturing Enterprises: Case Study" by Iti and Dr. Leena S. Sharad, in the edited book titled "Global Business: Challenges and Opportunities" published by Bharti Publication, New Delhi – 110002, with ISBN - 978-93-49566-46-0, 2025.
- Published a book chapter titled "The Evolution of Emotional Intelligence: Ancient Indian Roots and Modern Relevance" by Iti and Dr. Leena S. Shimpi, in the edited book titled "Emotional Intelligence in Ancient India" published by P.K. Publishers and Distributors, New Delhi – 110053, with ISBN - 978-93-49060-05-0, 2025.
- Published a book chapter titled "Economic and Social development of India: An Overview of Sustainable Development Goal (SDG 8)" by Dr. Leena S. Shimpi, in the edited book titled "Economic and Social Development of India" published by Bharti Publication, New Delhi, with ISBN – 978-93-89657-99-9, 2024.

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Presented and award for Best paper titled "Financial Literacy and Inclusive Investments: Pathways for Women in Micro Enterprises" by Iti and Dr. Leena S. Shimpi, at the National Seminar organized by Department of Management Studies, School of Management and Commerce, BBAU in association with National Stock Exchange of India Ltd. (NSE) & Securities and Exchange Board of India (SEBI) on 7th October 2025.
- Presented and award for Best paper titled "Financial Literacy as Tool for Investor Protection: Reducing Vulnerability to Ponzi Schemes and Fraud" by Shreya Srinate and Dr. Leena S. Shimpi, at the National Seminar organized by Department of Management Studies, School of Management and Commerce, BBAU in association with National Stock Exchange of India Ltd. (NSE) & Securities and Exchange Board of India (SEBI) on 7th October 2025.
- Presented a paper titled "Mental Health, Financial Literacy and Women Empowerment: The pathways to Realizing Viksit Bharat" by Iti, Shreya Srinate and Dr. Leena S. Shimpi, at the ICSSR Sponsored International Conference and Workshop organized by Department of Human Development of Human Development and Family Studies, School of Home Science, BBAU in collaboration with Zoological Society of India and Bhartiya Shikshan Mandal (Awadh Prant) on 13 – 14 February 2025.
- Presented a paper titled "Innovation in Business Models Driven by AI: Current Impacts and Future Trends in Indian Women-Owned Micro-Enterprises" by Iti and Dr. Leena S. Shimpi, at the international conference organized by Centre for Indigenous Innovation and Entrepreneurship (CHE), Internal Quality Assurance Cell (IQAC), Kalinga Institute of Social Science (KISS), Deemed to be University, Bhubaneswar, Odisha, India on 17 – 18 July 2025.
- Presented a paper titled "Financial Inclusion In The Digital Age: Comparative Lessons From Developing Asian Economies" by Shreya Srinate and Dr. Leena S. Shimpi, at the International Conference On Issues And Challenges In Commerce, Management, Arts, Engineering And Computer Applications, organized By- DPSS's Foresight College of Commerce, Pune & RJSPM's Institute of Computer and Management Research, Dudulga on, Pune In Collaboration With Internal Quality

Assurance Cell &Bright Hawk Info tech Solution Private Limited on 30th June, 2025.

- Presented a paper titled "Digital Transformation and Industry 4.0 In Indian Enterprises: A Literature Review of Digital Financial Inclusion and Cybersecurity Synergies" by Shreya Srinate and Dr. Leena S. Shimpi, at the international conference organized by Centre for Indigenous Innovation and Entrepreneurship (CHE), Internal Quality Assurance Cell (IQAC), Kalinga Institute of Social Science (KISS), Deemed to be University, Bhubaneswar, Odisha, India on 17 – 18 July 2025.
- Presented a paper titled "The Role of Artificial Intelligence in Digital Education for Empowering Women in State of Uttar Pradesh" by Iti and Dr. Leena S. Shimpi, at the International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICMRI), Organized by International Institute for Special Education in collaboration with Integral and Innovation Sustainable Education College, Lucknow on 29-30 November 2024.
- Presented a paper titled "Bridging Inclusion with Security – Strategies for Sustainable Digital Banking Adoption in India's Urban Hubs" by Shreya Srinate and Dr. Leena S. Shimpi, at the International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICMRI), Organized by International Institute for Special Education in collaboration with Integral and Innovation Sustainable Education College, Lucknow on 29-30 November 2024.
- Presented a paper titled "Smart Money: How AI is changing Finance" by Dr. Leena S. Shimpi, at the 2nd International Conference on Computing Systems and Intelligent Applications, Organized by School of Open Learning, University of Delhi and Shaheed Raj guru College of Applied Sciences for Women, Delhi on 28-29 March 2025.
- Presented a paper titled "Sustainable Fishery Management: Balancing Conservation and Industry Needs" by Dr. Leena S. Shimpi, at the International Conference on Conservation of Aquatic Biodiversity and Ecosystem Services of Ganga Basin in India, Organized by Dept. of Zoology, Govt. P G College, New Tehri, Uttarakhand in association with ZSI & IAES, 21-23 October, 2024.
- Participated in 2 weeks Online Interdisciplinary Refresher Course in Research Methodology in Social sciences on "Ethics in Social Science Research", Organized by UGC-MMTTC, Department of Economics, Kurukshetra University, Kurukshetra, and 29-05-2025.
- Participated in Faculty Development Programme on Data Analytics in Research Methodology on "Research Design and Types, Developing an Understanding about Qualitative and quantitative Data Analysis", Jointly organized by Hindu College Moradabad, with IQAC, Digvijay Nath Post Graduate College, Gorakhpur and Science Tech Institute, Lucknow, 23-05-205.
- Participated in Research Proposal Writing on "Social Sciences: Theories, Methods and Writing Skills", Organized by Govind Vallabh Pant Social Science Institute, Jhansi, Allahabad, 21-07-2025.
- Participated in Faculty Induction Programme (Guru Dakshta) 2024 on "Higher Education Scenario in India", Organized by Mahatma Hansraj Malviya Mission Teacher Training Centre (MH-MMTTC) Hansraj College, Delhi, 24-06-2025.

- Invited Lecture on topic of "An Overview of International Marketing Strategies" in LT Blok, Phase III, New Campus, Organized by Integral Business School, Integral University, Lucknow, 07-08-2025.
- Participated in Refresher Course (RC) in Motivational Skills on "Introduction to MOOCs" organized by UGC-MHRD Lucknow University, 9th feb 2024.
- Participated in 5 days Regional Training Programme for College Principals and Faculties on "Connecting Institutions with Industry and Society" organized by Inter University Centre for Teachers Education (BHU) and Vidya Bharti Uchaa Shiksha Sansthan at Shree Madhav College of Education and Technology, Hapur, UP, 02-06 Jan 2024.
- Presented a paper titled "Online Learning as a roadmap for Higher Education in Digital Era: Promises and Pitfalls" by Dr. Leena S. Shimpi, at the 75th All India Commerce Conference 2024, Organized by GGTU, Banswara and Pacific Academy, Udaipur, 18-20 October, 2024.
- Presented a paper titled "Navigating the VUCA Seas: Transforming HR from Compliance to Strategy" by Dr. Leena S. Shimpi, at the 75th All India Commerce Conference 2024, Organized by GGTU, Banswara and Pacific Academy, Udaipur, 18-20 October, 2024.
- Presented a paper titled "The role of smart city initiatives in Achieving Sustainable Urban Development: A corporate Responsibility" by Bindu Bharti and Dr. Leena S. Shimpi, at the International Conference on Business Innovation, Transformation and Sustainability, Organized by Faculty of Commerce and Management, SGT University, Gurugram, Haryana, 23-24 May, 2025.
- Presented a paper titled "The Impact of Fintech on Spending Habits of College Students" by Anil Kumar and Dr. Leena S. Shimpi, at the International Conference on Business Innovation, Transformation and Sustainability, Organized by Faculty of Commerce and Management, SGT University, Gurugram, Haryana, 23-24 May, 2025.

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

- Shreya Srinate has enrolled for a Ph.D. (batch 2024) with the thesis titled "Balancing digital financial inclusion and cyber security in India: Developing a resilient framework for secure mass adoption of digital banking with special reference to State Capital Region".
- Miss. Iti has enrolled for a Ph.D. (batch 2024) with the thesis titled "Enhanced Financial Literacy and Technological Integration: Transforming the Landscape for Women Entrepreneurs in State of Uttar Pradesh".
- Bindu Bharti has enrolled for a Ph.D. (batch 2025), and her synopsis is currently under preparation.
- Anil Kumar has enrolled for a Ph.D. (batch 2025), and his synopsis is currently under preparation.
- Bimal Hansda has recently enrolled for a Ph.D. (batch 2025).

8.3.5.2 Ph.D. Awarded

Dr. Leena Sharad Shimpi (as Co- Supervisor)

- Ph.D. awarded to Ravi Kumar Tolani on the thesis titled "An Analytical Study of the Changing Trends of India's Foreign Trade During the Post-Millennium Period" in 2024 at Lucknow University.
- Ph.D. awarded to Prashant Srivastava on the thesis titled "An Analytical Study of Cost Efficiency on Performance of Indian Banking Industry" in 2024 at Lucknow University.

8.3.6 Projects/Consultancy/and any other

- Dr. Leena Sharad Shimpi Co – PI, Research Grant of Rs. 20,00,000.00/- for the project titled "Multisensory Environments and its impact on Memory Retrieval, Cognitive flexibility and Well-Being: An Interventional Research on Youth in Northern India" Sponsored by ICSSR, New Delhi" was granted in 2024.

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

- Dr. Sarvapalli Radhakrishnan National Educationalist Award as 'Excellent Professor' held on September 02, 2024 at Welred Foundation, West Bengal.

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	00
2.	Total number of journal publications by Department (International)	04
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	00
5.	Total number of PhD degree awarded by Department	02
6.	Total number of PG students	00
7.	Total number of UG students	21
8.	Total number of diploma/certificates students (if any)	00
9.	Total number of students placed	Nil
10	Total number of Award and Medals	01
11	Total number of Patents/copyright filed/granted	Nil
12	Total number of sponsored research project sanctioned	00
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	02

Department of Food & Nutrition (Satellite Centre, Amethi)

About the Department

The Department of Food & Nutrition was established in **2016** at BBAU, Amethi Satellite Centre to provide quality education, research, and community services in the field of food science and technology. It plays a crucial role in empowering marginalized sections of society by offering opportunities for higher education and professional development.

Strength

- Qualified and dedicated faculty members with diverse expertise.
- Active PhD research in innovative food technologies.
- Transparent and student-centric evaluation system ("Seen & Satisfied").
- Supportive learning environment with library, IT, and Wi-Fi facilities.
- Strong participation of students in cultural and national events.

Next Year Plan (2025-26)



- To introduce new short-term certificate/diploma courses in Food Processing.
- To enhance research activities by applying for ICAR/UGC/DBT projects.
- To strengthen industry collaboration and sign MoUs with food processing industries.
- To organize at least one national seminar/workshop in Food Technology.
- To develop placement linkages with industries and improve student employability.
- To encourage faculty and students for more publications and patents.

1. Curriculum Aspects

1.1 Curriculum Design and Development



- Established in 2016 to meet the growing demand for professionals in the food sector.
- Vision: To train competent individuals for the food processing and allied industries and promote research in food resource utilization.

1.2 Curricular Planning and Implementation

Programmes Offered:

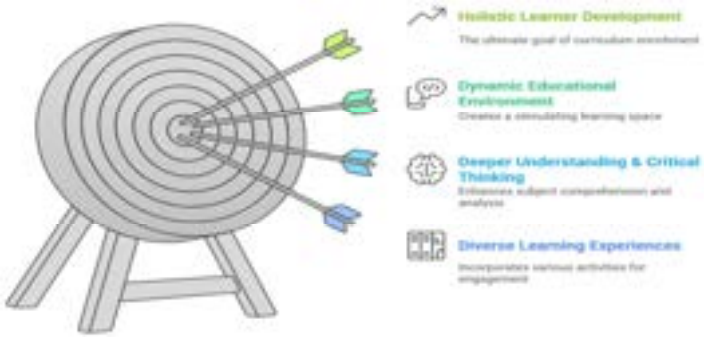
- B.Sc. Hons. (Food Science & Technology)
- Ph.D. (Food Science & Technology)

1.3 Academic Flexibility



- UG and Doctoral programmes offered.

1.4 Curriculum Enrichment



- Integration of cultural events and co-curricular activities.

1.5 Feedback System

- Students' sessional copies are shared and discussed.
- End-semester answer sheets are shown to students under the "Seen & Satisfied" system.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students (2024-25): 16

2.2 Catering to Student Diversity



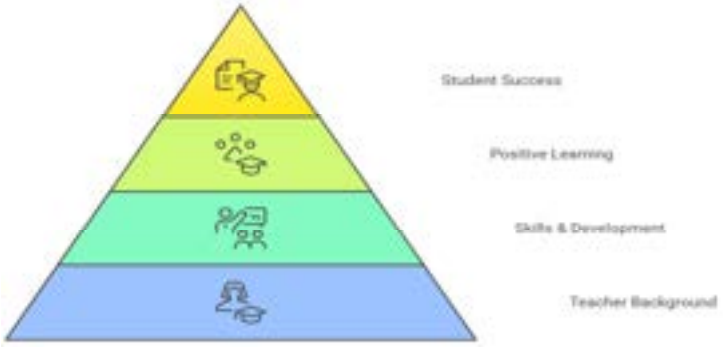
- Remedial support provided through discussion of examination copies.

2.3 Teaching-Learning Process



- Use of centralized library and Wi-Fi facility.

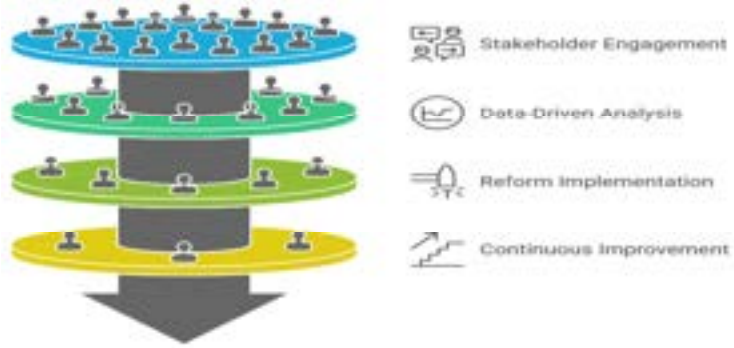
2.4 Teacher Profile and Quality



Faculty:

- Dr. Komal Singh – Assistant Professor (Coordinator), Specialization: Food Science & Technology, Food Quality & Analysis.
- Mr. K. Murali Naik – Assistant Professor, Qualification: B.Tech., M.Tech.

2.5 Evaluation Process and Reforms



- Results declared within 30 days of last examination.
- Transparent evaluation through answer sheet review with students.

2.6 Student Performance and Learning Outcomes



- Graduates (B.Sc. FST): 16
- Students pursuing higher studies: 15
- Students in jobs: 1

2.7 Student Satisfaction Survey

- Informal review through sessional exam discussions.

3. Research, Innovations, and Extension



3.1 Promotion of Research and Facilities

- Research focus on food processing, quality, and novel technologies.

PhD research underway:

- Riya Gautam – Biopolymeric active packaging material for fruits & vegetables.
- Mrinalini Tiwari – Production & preservation technology from green tomato.

3.2 Resource Mobilization for Research



- No funded projects reported.

3.3 Innovation Ecosystem

- Patent filed/awarded: 01

3.4 Research Publications and Awards



- Papers published (2024-25): 1
- Book authored: 1
- Book chapter: 1

3.5 Consultancy

- Paid Consultancy: Nil
- Free Consultancy: Nil

3.6 Extension Activities

- Independence Day, Republic Day, University Foundation Day celebrated.
- Students organized Teachers' Day, Fresher's Party, Farewell, etc.

3.7 Collaboration

- No MoUs signed.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Lecture Hall, Reading Hall, Drinking Water Facility, Wi-Fi.

4.2 Library as a Learning Resource

- Centralized Library accessible to students.

4.3 IT Infrastructure

- Wi-Fi enabled department.

4.4 Maintenance of Campus Infrastructure

- Facilities maintained by university administration.

5. Student Support and Progression



5.1 Student Support

- Students guided through transparent evaluation.

5.2 Student Progression

- Higher Studies: 15 students
- Government Jobs: 1 student
- NET/JRF/SLET: Nil
- Campus Placement: Nil

5.3 Student Participation and Activities

- Active participation in cultural and co-curricular events.

5.4 Alumni Engagement

- In progress; alumni data under collection.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision: To become a leading institute in food processing education and research.

6.2 Strategy Development and Deployment

- Department actively contributes to local community upliftment.

6.3 Faculty Empowerment Strategies

- Faculty encouraged to participate in conferences and workshops.

6.4 Financial Management and Resource Mobilization

- No external funding mobilized in 2024-25.

6.5 Internal Quality Assurance System

- Transparent evaluation practices ensure accountability.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Participation in national celebrations fosters patriotism and inclusivity.

7.2 Best Practices

- "Seen & Satisfied" exam review system.
- Transparent declaration of results within 30 days.

7.3 Institutional Distinctiveness

- Strong focus on integrating local community upliftment with education in food processing.

8. Faculty Profile (Department Specific)

8.1 Academic Details: -

- **Dr. Komal Singh**
  Qualifications: B.Sc. B.Ed., M.Sc. M.Ed., PhD.
- **Mr. K Murali Naik**
  Qualifications: PhD Pursuing IIT Rurkee.

6.2 Various Positions held in & out the Institution

Dr. Komal Singh

- Coordinator Dept. Of Food & Nutrition at BBAU Satellite Centre, Amethi

Mr. K Murali Naik

- Nodal Officer At BBAU Satellite Centre, Amethi

8.3 Research Publications

8.3.1 Research Articles: -

- Mr. K Murali Naik-14

8.3.2 Books / Edited Books:

- Dr. Komal Singh: - 01
- Mr. K Murali Naik: - 02

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

- Mr. K Murali Naik: - 06

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Dr. Komal Singh: - 03
- Mr. K Murali Naik: - 06

8.3.5 Research Supervision

8.3.5.1 Ongoing Supervision

8.3.5.2 Ph.D. Awarded

8.3.6 Projects/Consultancy/and any other

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	05
2.	Total number of journal publications by Department (International)	09
3.	Total number of publications in conference proceedings	Nil
4.	Total number of workshops/conferences/seminars/etc organized by Department	06
5.	Total number of PhD degree awarded by Department	Nil
6.	Total number of PG students	Nil

7.	Total number of UG students	88
8.	Total number of diploma/certificates students (if any)	Nil
9.	Total number of students placed	01
10	Total number of Award and Medals	Nil
11	Total number of Patents/copyright filed/granted	01
12	Total number of sponsored research project sanctioned	Nil
13	Total number of consultancy projects sanctioned	Nil
14	Total number of MOOCs courses developed	Nil
15	Total number of MOOCs courses completed by students	Nil
16	Total number of students qualifying National level examinations	Nil
17	Total number of total number of students opted for higher studies	15

Department of English (Satellite Centre, Amethi)

About the Department

The Department of English at BBAU Satellite Centre, Amethi was established in 2020 as a distinctive entity after the restructuring of the Department of Languages and Vocational Studies (founded in 2016). It offers B.A. (English Hons.) and M.A. (English) programmes. The department emphasizes interdisciplinary learning, integrating literature, culture, philosophy, linguistics, and communication studies.

Strength

- Highly qualified permanent faculty with expertise in Indian English Literature, Postcolonial Literatures, and Gender Studies.
- Strong academic culture with seminars, conferences, and literary activities.
- Curriculum aligned with NEP-2020 focusing on holistic and skill-based education.
- Active student participation in co-curricular and extra-curricular activities.
- Consistent student achievements, including 100% first division results in M.A. English (2024-25) and UGC-NET qualifications.

Next Year Plan (2025-26)



- Introduction of interdisciplinary certificate/diploma courses (Translation Studies, Creative Writing, English for Competitive Exams).
- Enhancing research culture through more publications, collaborative projects, and workshops.
- Establishment of a departmental literary magazine/journal.
- Increased focus on student placement and career counselling.
- Organization of an International Seminar on Comparative Literatures and Cultures (planned for 2026).

1. Curriculum Aspects

1.1 Curriculum Design and Development



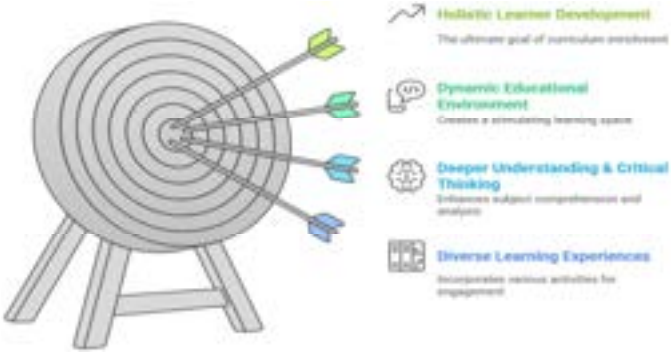
- Courses designed as per NEP-2020: B.A. English (Hons – 4 years) and M.A. English (2 years).
- Curriculum integrates interdisciplinary areas such as Translation Studies, Cultural Theories, Gender Studies, Linguistics, and Dalit Literature.

1.2 Academic Flexibility



- Choice-based learning with optional courses.
- Interdisciplinary approach encouraging engagement with philosophy, linguistics, and cultural studies.

1.3 Curriculum Enrichment



- Guest lectures, debates, film screenings, theatre, and cultural festivals.
- Topics covering socio-political and cultural issues.

1.4 Feedback System

- Feedback collected during departmental seminars and student-faculty interactions.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- UG Students: 10

- PG Students: 20

2.2 Catering to Student Diversity



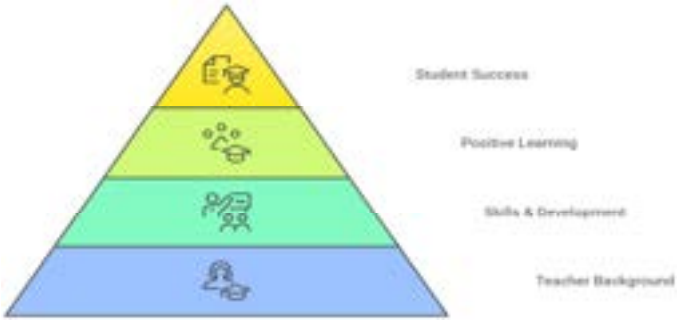
- Special attention to slower learners through seminars/workshops (e.g., Communication Skills Seminar 2022).

2.3 Teaching-Learning Process



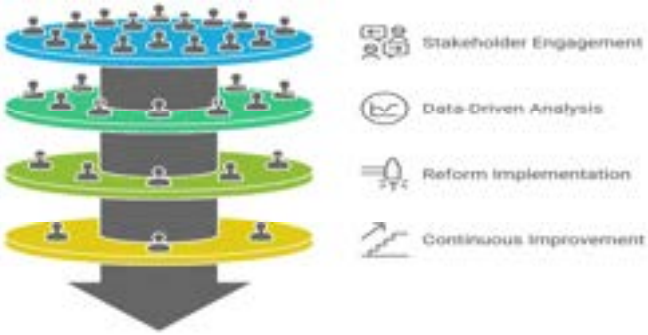
- Use of Smart Classroom (centralized).
- Integration of literary and non-literary resources (novels, plays, cinema, music, architecture).

2.4 Teacher Profile and Quality



- Faculty: Dr. B. Patra (Head & Associate Professor).
- Specialization: Indian English Literature, Postcolonial Literatures, Gender Studies.
- Qualification: M.A., Ph.D.

2.5 Evaluation Process and Reforms



- Continuous assessment, internal competitions, and seminars used as evaluation aids.

2.6 Student Performance and Learning Outcomes



- M.A. English 2024-25: 100% pass with first division.
- 3 students qualified UGC NET.

2.7 Student Satisfaction Survey

- Active participation in departmental and cultural activities; positive academic outcomes.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities



- Faculty actively engaged in research and publications.

3.2 Resource Mobilization for Research



- Individual faculty-driven research publications (Scopus, UGC-listed journals).

3.3 Innovation Ecosystem

- Research on contemporary themes such as AI, robotics, gender dynamics, Dalit studies, and cross-cultural comparative studies.

3.4 Research Publications and Awards



- 7 international publications (2024–25).
- Books: Language and Society, Inclusive Education.
- Book Chapters: 2 volumes.
- Journals Edited: IJELT.

3.5 Consultancy

- None.

3.6 Extension Activities

- Debate, essay, and painting competitions on social/environmental themes.
- Student participation in tree plantation, cultural events, and national integration drives.

3.7 Collaboration

- Participation in conferences organized by DU, BHU, BBAU, and University of Patanjali.

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart Classroom (centralized).
- Departmental Library (centralized).

4.2 Library as a Learning Resource

- Centralized library facilities with literary resources.

4.3 IT Infrastructure

- Smart classrooms with ICT support.

4.4 Maintenance of Campus Infrastructure

- Maintained by central administration.

5. Student Support and Progression



5.1 Student Support

- Students guided through transparent evaluation.

5.2 Student Progression

- NET/JRF/SLET: 03
- 3 students qualified UGC NET.

Alumni pursuing higher education and careers in academics

- Higher Studies: 5 students
- Government Jobs: 1 student
- Campus Placement: Nil

5.3 Student Participation and Activities

- Active participation in cultural and co-curricular events.
- Annual sports meet and cultural programs.
- Observances: Teachers' Day, Welcome Ceremony, Farewell Ceremony, Plantation Drives.
- Literary Club, Writing Workshops, Book Clubs, Drama, and Debates.

5.4 Alumni Engagement

- Alumni network in progress; informal mentoring exists.
- In progress; alumni data under collection

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision aligned with NEP-2020; focus on interdisciplinary and pluralistic approaches.

6.2 Strategy Development and Deployment

- Department engages in curricular and extra-curricular strategies to enrich learning.

6.3 Faculty Empowerment Strategies

- Opportunities for faculty participation in seminars, workshops, and conferences.

6.4 Financial Management and Resource Mobilization

- Centralized management through BBAU.

6.5 Internal Quality Assurance System

- Periodic academic and cultural reviews at departmental level.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Activities promoting national integration, cultural diversity, and environmental awareness.

7.2 Best Practices

- Interdisciplinary approach to literature (integration of cinema, architecture, music).
- Active student engagement through literary and cultural activities.

7.3 Institutional Distinctiveness

- Focus on comparative literatures, multilingual perspectives, and inclusivity.

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. B Patra**
  Head & Associate Professor
  Specialization: English Comparative Literature and Linguistics
  Qualifications: Triple M.A.English, Linguistics and M.Ed, Ph.D in Comparative Studies
  PGDTE from EFLU, Hyderabad.

8.2 Various Positions held in & out the Institution –

- Head, Department of English,BBAU Satellite Centre,
- Coordinator, Foundation Course
- Hostel Warden
- Secretary, ELT, Bhubaneswar
- Member BIgyan Bharti,Lucknow
- Member, Assameese Sahitya Shabha,Guwahati

8.3 Research Publications:

- Dr. B Patra has published 05 Research Papers in International Journals in the year 2024-25

8.3.1 Research Articles

- Dr B Patra and Akarshi Shrivastava, (2025), Haunted Bodies and Fragmented Minds: A Post human Reading of Memory & Trauma in Indian Partition Literature"-ACERVO JOURNALhttps://acervojournal.com/volume-10-issue-7-2025/, 10, 241-257, 2025, 20. 17001.ACERVO. 2025.V10I6.14.21320 UGC Listed Scopus Indexed:

- Dr B Patra, (2025) "Dalits/ Untouchables: Past, Present and Future.", ACERVO.2025-10, 303-311, 2025, 20. 17001.V10I6.14.21326 UGC Listed Scopus Indexed.

- Dr B Patra, (2024) "Analyzing Prevalence of English Communication in the workplace for Glocal and Global perspectives"- International Journal of Innovative Research in Technology - an UGC approved journal, 11, 539-548, 2024, https://ijirt.org/Article?manuscript=168347 UGC Listed Scopus Indexed.

- Dr B Patra and Akarshi Shrivastava, (2024), Voices and Visages: An Analysis of Gender Dynamics in AI and Robotics Representations -International Journal of Innovative Research in Technology - an UGC approved journal, 11, 2388-2394, 2024, https://ijirt.org/Article?manuscript=168889 UGC Listed Scopus Indexed:

- Dr B Patra, (2024) A Comparative Analysis on Metaphysical Poets of Western and Eastern with Special Reference to Metaphysical Elements in the Poetry of Bhima Bhoi - International Journal for Multidisciplinary Research (IJFMR), 06, 01-18, 2024, https://doi.org/10.36948/ijfmr.2024.v06i05.29583- Peer Reviewed Scopus Indexed.

8.3.2 Books / Edited Books:

- Dr B Patra & Dr Santosh Behera-Envisioning Inclusivity and Indigeneity in Education for Sustainable Development: A Study on NEP 2020 in India Author International 2024
  DOI: 10.4018/979-8-3693-2802-6.ch014

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures

- Dr. B Patra-Invited Lecture delivered/Paper presented: The advancement of Odia as a Classical language through Technology: A Linguistic Analysis Category/Type of Event: International (within country) Date of Presentation:2024-03-19 Bharatiya Bhasha Sammelan Jharkhand Organized by Central University of Jharkhand Resource Person

- Dr. B Patra-Paper presented: The Representation of Disability in Indian English Literature: A Study on Sushmita Bagchi's "Children of a Better God" Category/Type of Event: International (within country) Date of Presentation:2024-10-17 at the Department of English, University of Delhi, New Delhi, India

8.3.5 Research Supervision

- PhD Scholar-03

8.3.5.1 Ongoing Supervision: 02

- Miss Akarshi Shrivastava (NET) and Master Santosh Kumar Bharti (JRF)

8.3.5.2 Ph.D. Awarded

- One Scholar's Thesis to be submitted soon

8.3.6 Projects/Consultancy/and any other/ Patents National/International: National

- Dr. B Patra and Dr Neeraj Tiwary: Title: DEVICE FOR ONLINE TEACHING Reference Number:398427-001 Sponsoring Agency: Intellectual Property India Outcome:

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements

9. Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	0
2.	Total number of journal publications by Department (International)	2
3.	Total number of publications in conference proceedings	2
4.	Total number of workshops/conferences/seminars/etc organized by Department	2
5.	Total number of PhD degree awarded by Department	0
6.	Total number of PG students	26
7.	Total number of UG students	12
8.	Total number of diploma/certificates students (if any)	0
9.	Total number of students placed	2
10	Total number of Award and Medals	1
11	Total number of Patents/copyright filed/granted	1
12	Total number of sponsored research project sanctioned	0
13	Total number of consultancy projects sanctioned	0
14	Total number of MOOCs courses developed	0
15	Total number of MOOCs courses completed by students	0
16	Total number of students qualifying National level examinations	3
17	Total number of total number of students opted for higher studies	3

Department of Pharmaceutical Science (Satellite Centre, Amethi)

About the Department

The department offers Diploma in Pharmacy (D.Pharm), course. This is a 2 year course best suitable for the aspirants who wish to establish their career in the field of pharmacy. In D.Pharm, we are providing fundamental pharmacy education which includes theoretical and practical understanding of pharmaceutical products, natural medicines, biochemistry, pharmacology and toxicology, social pharmacy and forensic pharmacy. The department have well established infrastructure for teaching and necessary equipments for practical experiments. The library has adequate facility to support students' needs in terms of books, journals and magazines. Several online books and journals are available in our campus to facilitate the student's learning.

Strengths of the Department

- **Experienced Faculty**: 5 Resource Persons.
- **Infrastructure**: Central Instrumentation Laboratory, M.Pharm Labs, Smart Classrooms, Departmental Library.
- **Collaborations**: MoU's with reputed national and international institutions; visiting professors from IIT-BHU, Punjab University, NIPER, Assam University, etc.

Next Year Plan (2025–26)



- Introduce new electives in AI-driven drug design and regulatory sciences.
- Strengthen industry linkages and interdisciplinary research.
- Expand international collaborations and host global conferences.
- Upgrade central instrumentation facilities.
- Enhance student support through placements and fellowships.

1. Curricular Aspects

1.4 Curriculum Design and Development / Curricular Planning and Implementation



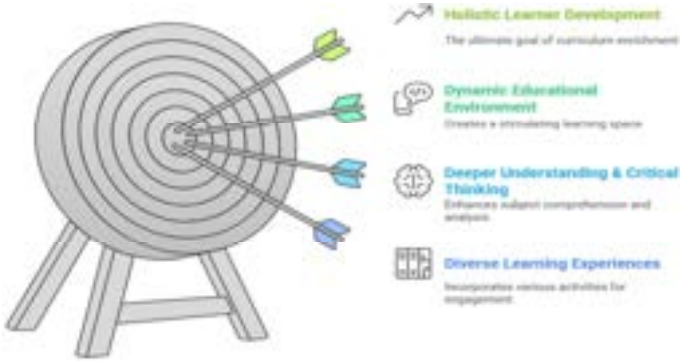
-
- Programs offered: Diploma in Pharmacy (D.Pharm).

- Curriculum aligned to global healthcare challenges, nanomedicine, AI in drug discovery, and biotechnology.

1.5 Academic Flexibility



1.6 Curriculum Enrichment



- Focus on innovation in **drug delivery, oncology therapeutics, nanotechnology**.
- Guest lectures, seminars, workshops enrich academic exposure.

1.4 Feedback System

- Structured feedback from students, alumni, industry experts for curriculum revision.

2. Teaching-Learning and Evaluation



2.1 Student Enrolment and Profile



- 83 UG students
- 56 number of diploma/certificates students

2.2 Catering to Student Diversity



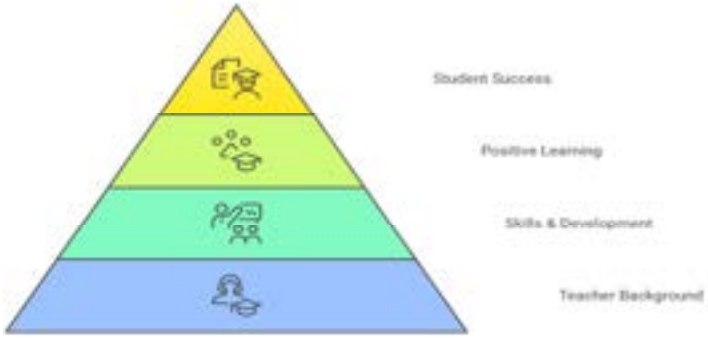
- Students from different regions of India.
- Support via library, smart classrooms, research labs.

2.3 Teaching-Learning Process



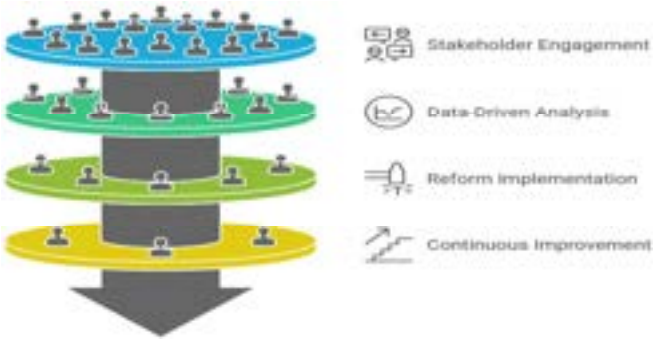
- Classroom + laboratory + research-based learning.
- Regular viva-voce with external experts.

2.4 Teacher Profile and Quality



- 5 Resource Persons

2.5 Evaluation Process and Reforms



2.6 Student Performance and Learning Outcomes



- Student progression into higher studies, government jobs, and research.

2.7 Student Satisfaction Survey

- High participation in academic and research activities indicates positive outcomes.

3. Research, Innovations, and Extension

3.1 Promotion of Research and Facilities

3.2 Resource Mobilization for Research

3.3 Innovation Ecosystem

3.4 Research Publications and Awards

3.5 Consultancy

3.6 Extension Activities

- Seminars, workshops, collaborative activities with academia & healthcare institutions.

3.7 Collaboration

4. Infrastructure and Learning Resources



4.1 Physical Facilities

- Smart classrooms, M.Pharm Labs, Research Labs, Departmental Library.

4.2 Library as a Learning Resource

- Departmental library with specialized resources.

4.3 IT Infrastructure

- Internet-enabled labs, smart classrooms, digital learning access.

4.4 Maintenance of Campus Infrastructure

- Regular upkeep of laboratories and instrumentation facilities.

5. Student Support and Progression



5.1 Student Support

5.2 Student Progression

- Graduates pursuing higher education and research.

5.3 Student Participation and Activities

- Active participation in seminars, conferences, viva-voce.

5.4 Alumni Engagement

- Alumni placed in academia, pharma industry, and research institutions.

6. Governance, Leadership, and Management



6.1 Institutional Vision and Leadership

- Vision: To be a **Centre of Excellence in Pharmaceutical Sciences**.
- Mission: To promote innovation, ethics, and excellence in healthcare research.

6.2 Strategy Development and Deployment

- Focus on interdisciplinary research and industry collaborations.

6.3 Faculty Empowerment Strategies

6.4 Financial Management and Resource Mobilization

6.5 Internal Quality Assurance System

- Active participation in **IQAC, Academic Council, and Innovation Cell**.

7. Institutional Values and Best Practices



7.1 Institutional Values and Social Responsibilities

- Research aligned to **public health and wellness**.

7.2 Best Practices

- Integration of AI in drug discovery.

7.3 Institutional Distinctiveness

8. Faculty Profile (Department Specific)

8.1 Academic Details

- **Dr. Vijaya Kumar M.R.**
  Assistant Professor and Coordinator
  and

  5 Resource Persons

8.2 **Various Positions held in & out the Institution - Nil**

8.3 Research Publications - Nil

8.3.1 Research Articles - Nil

8.3.2 Books / Edited Books - Nil

8.3.3 Books chapters/Conference/proceeding/Any other publication of Academic Importance - Nil

8.3.4 Participation in National/International Seminars/Conferences/Workshops/Invited lectures - Nil

8.3.5 Research Supervision - Nil

8.3.5.1 Ongoing Supervision - Nil

8.3.5.2 Ph.D. Awarded - Nil

8.3.6 Projects/Consultancy/and any other Nil

8.3.7 Awards & Recognition (National/International)/and any other Academic Achievements - Nil

9 Summary of Department/Centre

S. No.	Details	Total
1.	Total number of journal publications by Department (National)	3
2.	Total number of journal publications by Department (International)	34
3.	Total number of publications in conference proceedings	00
4.	Total number of workshops/conferences/seminars/etc organized by Department	00
5.	Total number of PhD degree awarded by Department	NA
6.	Total number of PG students	NA
7.	Total number of UG students	83
8.	Total number of diploma/certificates students (if any)	56
9.	Total number of students placed	35
10	Total number of Award and Medals	00
11	Total number of Patents/copyright filed/granted	00
12	Total number of sponsored research project sanctioned	00
13	Total number of consultancy projects sanctioned	00
14	Total number of MOOCs courses developed	00
15	Total number of MOOCs courses completed by students	00
16	Total number of students qualifying National level examinations	00
17	Total number of total number of students opted for higher studies	12

Committee of Basic Facilities for Woman (CBFW)

1. Introduction

The Basic Facilities for Women Cell (BFWC) of Babasaheb Bhimrao Ambedkar University continued its commitment in the academic year 2024–2025 to foster a safe, inclusive, and empowering environment for women in the campus community.

In this year, the Cell focused on celebrating women's achievements, assessing essential facilities for women's well-being, and initiating need-based institutional planning for future support mechanisms.

2. Objectives of the Cell

i. Promote gender sensitization and inclusivity.
ii. Recognize and celebrate the contribution of women stakeholders.
iii. Assess infrastructural and welfare needs of women students and staff.
iv. Facilitate safe and supportive campus facilities for women.

3. Summary of Activities (2024–2025)

i. **International Women's Day Celebration**
Date: March 8, 2025 (10:30 am onwards)
Venue: Council Hall, Old Administrative Building

The Cell organized a formal event to commemorate **International Women's Day**. The theme for this year was **"For ALL Women and Girls: Rights. Equality. Empowerment"**. The program included:

a. A welcome address by the Chairperson, Basic Facilities for Women Cell.
b. Address by Brig (Dr) Jasvinder Kaur Bhatia, Comdt BH Lucknow, on the importance of gender equity and women's empowerment.
c. **Felicitation ceremony** for women faculty members and non-teaching staff for their dedicated service and contribution to the institution.
d. Refreshments and a networking session post-event.

Outcome:
The event received excellent participation from faculty and staff, creating a sense of recognition, solidarity, and motivation across the university campus.

ii. **Survey of Hostel Facilities: Sanitary Pad Dispensers & Incinerators Date of Visit: April & May 2025**

Team: The Members of the Cell in coordination with Hostel Wardens
A physical survey was conducted in the girls' hostel to assess the availability, accessibility, and condition of:

a. Sanitary pad vending machines
b. Waste disposal and incinerator units

Findings:
a. Some hostels lacked functional sanitary pad dispensers.
b. Disposal bins were present but incinerators were either non-functional or absent.

Recommendations Submitted:
a. Installation of sanitary pad dispensers in each block.
b. Repair or procurement of eco-friendly incinerator units.
c. Regular maintenance schedule and student awareness notices.

4. Achievements and Impact

i. Fostered inclusivity and recognition through Women's Day event.
ii. Created awareness about menstrual hygiene infrastructure gaps.

iii. Initiated institutional discussion around work-life balance for women through the daycare survey.
iv. Strengthened trust between students, staff, and Basic Facilities for Women Cell.

5. Future Plans (2025–2026)

i. Organize self-defence and mental wellness workshops for students.
ii. Follow-up on hostel sanitary infrastructure and daycare proposal.
iii. Start a monthly newsletter on gender equity topics.
iv. Conduct sensitization workshops for male students and teaching and non- teaching fraternity and staff.

6. Acknowledgements

The Basic Facilities for Women Cell sincerely thanks the Hon'ble Vice Chancellor, administrative staff, faculty members, student volunteers, and external collaborators for their support and enthusiastic participation.

Gautam Buddha Central Library

1.0 Brief About the Central Library

The Central Library of Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow has named as Gautam Buddha Central Library (Figure-1) after the name of Lord Gautam Buddha. The Library was established in January 1998 to promote knowledge and its application through effective dissemination of information and knowledge.



Figure 1: Gautam Buddha Central Library

The Library is governed by LAC (Library Committee). The LC is an apex policymaking body which functions under the chairmanship of Vice-Chancellor. During the year, followings were the member of LC:

1. Prof. D. R. Modi (Dept. of Biotechnology) -Chairman (Hon'ble VC Nominee)
2. Prof. K. L. Mahawar (Dept. of Lib & Inf. Sc.) - Member
3. Prof. Sarvesh Kumar Singh (Dept. of Hindi) - Member
4. Dr. Sunil Kumar Singh (Dept. of Math) - Member
5. Dr. Vijaykumar, M. R. (Dept. of Pharma. Sc.) - Members
6. Students Nominees/Representatives - Academic Council's nominees
7. Dr. Sunil Goria - Member & Secretary

The Library provides information services and facilities to meet the requirement of the teaching, research and training programs of the University. During the period, the Library was opened for 271 days for the users'. Current seating capacity of the Library is more than 400 users at a time. The library services are open for the university students, faculties, researchers, staff and visitors. The Central Library has been adapting new technologies strategically for providing web-based information services to the library users. The Library is member of 'E-ShodhSindhu (eSS)' and One Nation One Subscription (ONOS) National Consortium for Higher Education Electronic

Resources of INFLIBNET (Information and Library Network), Gandhinagar and National Digital Library of India. Presently, collection of the Library is 72446 print documents and it provides access to 13236 full-text online journals, 2511 perpetual access e-books and 21000+ e-books through eSS.



Figure 2: Stack Areas

1.1 Location

The Library has been functioning in its two floors of four storied building which is the central place of the University. The Library building consists of an area of 7917 sq.m.

1.2 Opening Hours

The Library remains open on each working day from 8:00 AM To 8:00 PM for its readers. On Saturday, it opens from 9:30 AM to 6:00 PM. The reading rooms of the Library open every day from 8:00 AM to 11:00 PM and during examination period it opens 18 hours in a day.

2.0 Sections of the Library

2.1 Acquisition Section: This section is responsible for acquisition of all the books, monographs, government documents, gifts and other reading material relevant to the requirements of teaching and research programs of the University. The section helps faculty members in selecting new documents for procurement in the Library through latest announcements, publisher's catalogues and bibliographies. During the year 2024-25, the section has purchased print 2297 books. Presently total print collection available in the Library is 72446 documents. Details of collection are mentioned in the Table-1.

Table 1: Books Purchased during 2024-2025

	Items	
1	Print Books Purchased	2297
2	Print Books Purchased for Amethi Satellite Centre	164

3	E-Books Purchased	Nil
4	वर्ष में क्रय की गयी हिन्दी / संस्कृत पुस्तकों की संख्या	289
5	Books received by Gratis/Donation	124
5	Thesis (During last three years)	679
6	Expenditure on Books (In Rs.)	3205353
7	Expenditure on Books for Amethi Satellite Centre (In Rs.)	228678
8	Expenditure on e-Resources (Perpetual Access) (In Rs.)	Nil
9	Approximate value for received donated books (In Rs.)	312404
10	Total number of Documents Technically Processed	3520
11	Total number of Print Documents in the Library	72446

2.1.1 Procedure for Purchasing of Book: The following procedure has been adopted for procurement of books for the Library.

- **Through Recommendation**: Books recommendation form/list duly filled by the university faculty with signature by 50% faculties of the department(s) and duly forwarded by the concerned Head of the Department is adapted procedure for purchasing of books.
- **Through Book Exhibition:** Book Exhibitions organize by the Gautam Buddha Central Library time to time. Faculties, Research Scholars and Students select books during the Exhibition. Further, concerned department(s) complete recommendation formalities for purchasing of the selected books.
- **Empanelment of Vendors:** The Library empanels vendors for every two years on certain terms and conditions. The recommended books are purchased form empanelled vendors.
- **E-Resources:** e-Books, e-Journals (excluding eSS & ONOS journals) and databases are purchased after negotiation form concern publishers.

2.2 Technical Section: After acquisition of documents, technical processing work i.e. classification and cataloging has been done by technical section for easy access of the documents. Classification of documents has been carried out through DDC 23rd edition. IndCat/WorldCat has also been used for classification and cataloguing of the documents. During the year, 3520 documents including book, gratis books and theses have been processed by the section. Further these documents have also been processed by RFID tagging and pasting of EM strips for issue-return through self-check-in/check-out kiosk. The Library has been participated in IndCat union catalogue project of INFLIBNET and submitted the bibliographic records of GBL catalogue to the IndCat.



Figure 3: Technical Processing and Accessioning of Books



Figure 4: Circulation Section

2.3 Circulation section: The section provides membership for issue-return of documents to the students, faculties and other staffs of the University. The section has enrolled/renewed 2593 members (including students, faculty and staff of the University) of the Library in the year 2024-25 and the total library members are 6708. The details of library membership are mentioned in Table-2 and table 3.

Table 2: Total Membership of the Library as on 31/03/2025

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	1666	1101	2767
2	P.G. Students	1424	1431	2855
3	Ph.D. Scholars	448	388	836

4	Faculty	146	40	186
5	Non-Teaching	57	7	64
Grand Total		**3741**	**2967**	**6708**

Table 3: New Membership in 2024-2025

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	559	342	901
2	P.G. Students	762	646	1408
3	Ph.D. Scholars	112	76	188
4	Faculty	52	12	64
5	Non-Teaching	30	2	32
Grand Total		**1515**	**1078**	**2593**



Figure 5: Security Gates at Circulation Section

Books are issued from circulation section to the library users according to their privileges as given in Table-4 from 8:30 AM to 7:30 PM on all working days. The self-issue-return Kiosk is also used by the library user.

Table 4: Borrowing Privileges

S. No.	Category	Privileges	No. of Days
1	Faculty	8	One Semester
2	Group "A" Officials	3	30
3	Research Scholars PhD.	4	15
4	PG/UG Students	2	15
5	Others	2	15

The books issued and consulted during the financial year 2024-2025 are mentioned in Table-5.

Table 5: Circulation Transaction during 2024-25

1	Book issued	**18397**
2	Books consulted in the Library	**388676**
3	No. of users consulted the Library	**85698**
4	Miscellaneous Charges collected in rupees	**90892**



Figure 6: Reading Section Second Floor

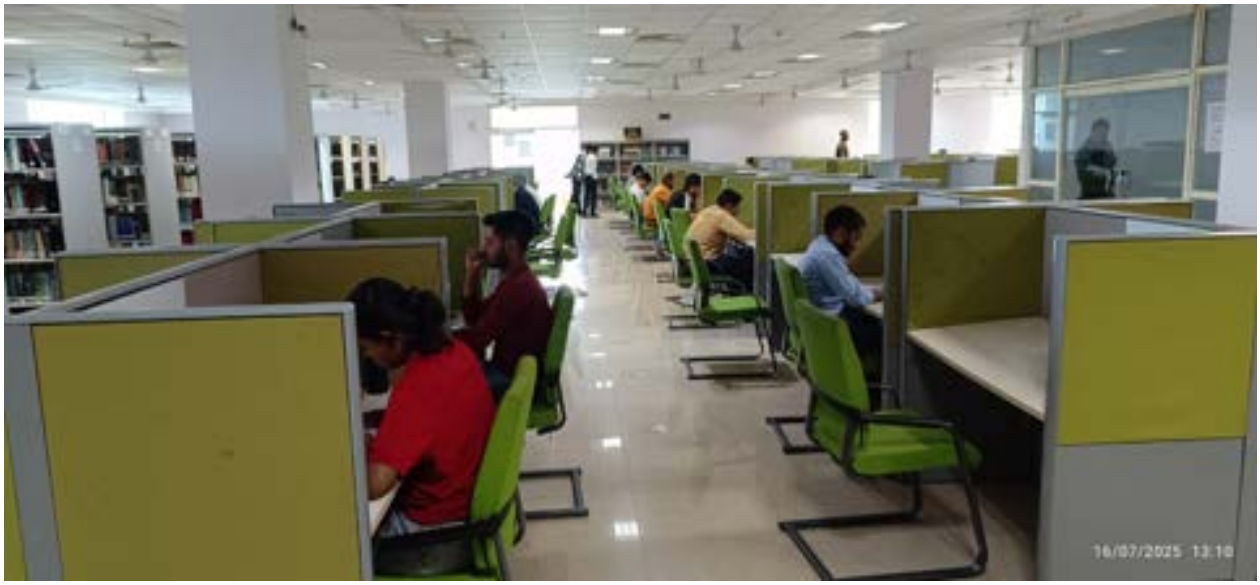


Figure 7: Reading Section First Floor

2.4 Periodical section: The section subscribes journals, newspapers, and magazines. The section subscribed 68 print journals, 25 magazines and 19 newspapers for the year 2024-25. An amount of Rs. 36638/- was spent on newspapers during the period. The section has a seating

capacity of 50 students at a time where they have offline access to various journals, reports, faculty publication, magazines, and newspapers. During the period, 13115 users visited in the section. The Library has received 39 journals through gift. The Library purchased journals and magazines by spending Rs. 12650/-. The details of periodicals are given in Table-6.



Figure 8: Periodical Section

Table 6: Print Magazines, Newspapers and Journals for the year 2024-25

S. No.	Items Available	Language			Total
		Hindi	English	Urdu	
1	Newspapers	10	7	2	19
2	Magazines	7	18	-	25
3	Print Journals	-	68	-	68
4	Print Journals (Gifted)	22	19	-	41
5	Annual Reports & Survey	2	05	-	07
6	Faculty Publications	02	95	-	97

2.5 e-Library Section: e-Library section has a total number of 12 computers. The Library has Wi-Fi enabled access to the internet where the users access the e-resources subscribed by the Library. During the year, 13836 students and faculty members visited in the section.



Figure 9: Students Accessing e-Resources at e-Library Section

2.6 Theses and Dissertation Section: The Library has a separate theses section to organize the theses collection of the University. A total number of 2388 of theses (935) and dissertations (1453) are available in this section of various departments of the University. A total number of 89 theses and dissertations are processed during the year 2024-25 and during the same period, 503 students and research scholars have visited the section. The section has submitted a total of 602 (82 in 2024-25) e-theses in the Shodhganga repository of INFLIBNET.



Figure 10: Thesis Section

2.7 Braille Section: The Central Library is well equipped with the facilities for the PWDs (Person with Disabilities i.e. Divyangjan) students and staff. The Library has two ramps in both sides of entry gates of library for the PWDs. The library has two lifts for moving one to another floor of the Library that gives priorities to convenient PWDs. The Library has setup a Braille

Section for the visually differently abled and low vision students for providing them reading and listening facility in their studies with the help of following equipment, hardware and software. The Braille section also opens for the students/people from the other universities and colleges.

Table 7: Braille Equipment

S. No	Braille Equipment Available in the Central Library	Qty.
1	Brailler	2
2	Next Generation Brailler	2
3	Screen Reader with Super Nova Software for Magnifier & Book Reader with Speech.	3 users
4	Large Print Key Board	5
5	Clevy Keyboard	5
6	Desktop Video Magnifier with Speech (with 17" or above coloured monitor)	1
7	Refreshable Braille Display (40 cell) with 32 GB SDHC card	1
8	Daisy player & Recorder with Hindi TTS	5
9	Close-up & Near Distance Digital magnifier with image saving 5HD	4
10	Mouse magnifier	4
11	Thermoform Machine with 200 Braille on Sheets	1
12	Computer System with Installation of Speech Software with Internet Connectivity.	5



Figure 11: Braille Computer Lab

2.8 RFID System: Radio-frequency identification (RFID) and Electromagnetic (EM) systems have been implemented in the Central Library. The Library has RFID and EM equipment (Table 8). The hybrid system (RFID+EM) has a significant functional advantage in library automation and security of the documents in modern libraries. RFID tagging of all the documents has been done in the Library. The BBAU logo has also been pasted on all the documents for protection

tags. The library documents are fully protected with the help of EM security strips by fixing of EM strips on all the documents. RFID system has been integrated with latest KOHA Library Management System by SIP2 protocol. Library users have been empowered through RFID Self-check-in & Self-check-out Kiosk and library smart cards. The Library is fully functional with RFID and EM system. RFID tags and EM strips are enabled on all documents procured during the year. The RFID Kiosk and Library security gate is shown in the figure-12.

Table 8: RFID Equipment

S. No	RFID Supports Peripherals	Qty.
1	RFID staff workstation	2
2	EM staff Workstation	1
3	Library Security Gate for Tattle Tape	1
4	Hybrid (RFID+EM) Self Check-in and Check-out Kiosk	1
5	Portable Handheld RFID Reader with Antenna Cordless Digital Library Assistant	1
6	RFID Card Printer	2



Figure 12: RFID Equipment

2.8.1 Smart ID cum Library Card: The library smart cards are essential for all the library users for self-issue-return of documents in the RFID system. The Central Library has taken initiatives for combining of student smart identification (ID) cards with smart library cards. Now, the Library has been preparing Smart ID cum Library cards for the students and faculties of the University. During the year, the 2593 Smart ID cum Library cards were prepared and distributed

to the library users by the Library. The smart card printer and smart ID cum library card are shown in the figure-13.



Figure 13: Smart card Printer and Format of the Card

3.0 Facilities and services available in the Library

3.1 Reprography or Xeroxing: The Library provides Xerox facilities in the library premises at a nominal cost of Rs. 0.80 per page through private firm. Print out from digital files has also been provided through this service.

3.2 Circulation: The issue and return of the documents service is provided to the users from the self-issue return kiosk and circulation counter of the Library. The staff of circulation section helps to the users in self-issue-return of the documents through RFID systems.

3.3 Document Delivery Service (DDS): The Library provides a hard/soft copy of articles to the users under DDS.

3.4 Hindi Prakosth: The Library also extended its services in the form of *'HindiPrakosth'* for encouraging use of Hindi collection of books.

3.5 Email Alert: The Library uses email librarian@email.bbau.ac.in to provide alert services such as overdue of books, etc. to the users.

3.6 E-resources access service: E-Resources access facility has been provided to the University fraternity through e-library section of the Library using Wi-Fi enabled internet. All the e-Resources are also accessible in the BBAU Campus i.e. from departments, laboratories, offices etc. and out of campus through remote access system.

3.7 Reference service: The reference service is provided to students, faculties & other users for locating of required documents and consultation of various digital resources of the Library.

3.8 Research Floor: This service started for the research scholars and the faculty members of the University. Presently, this section has seating capacity for 50 scholars and faculty. The section opens up to 11:00 PM on all days.

3.9 Toppers' corner: This service is unique in its nature. The answer sheets of the students, who are the topper in their department, are kept in this section for the consultation by the library users.

3.10 New Arrival: The Library has been providing new arrival facility through display of the newly acquired documents. New arrivals' information has also been provided through OPAC.

3.11 Faculty Publication: This service dedicated to the faculties of the University, where they can display their research publications. The 156 articles including book chapters have been displayed in the section during the year.

3.12 Plagiarism/similarity checking: The Library is a member of 'Shodhganga' project of INFLIBNET. Plagiarism detection software (i.e. PDS - Drillbit) facility has been provided to the Central Library through INFLIBNET. The iThenticate is subscribed by the Library for faculty members and research scholars. All the faculty members have been provided user ID and password for plagiarism detection through iThenticate and DrillBit. The Library has also been checking plagiarism/similarity for e-theses and e-articles of the University fraternity. During the year, the plagiarism/similarity of total 13820 documents (6227 from DrillBit and 7593 documents through iThenticate) plagiarism detection tools were checked by the Library.

3.13 Information Literacy Program: Under information literacy program, the Library has been provided library orientation to the students and research scholars about the library services and library resources. Under information literacy program, various trainings have been organized by the Library for students, research scholars and faculties of the University. During the period, following Information Literacy and Training Programs are conducted by the Library.

- Online training program on "**How to Use DrillBit Plagiarism Detection Tool"** for the Faculties and Research Scholars of Babasaheb Bhimrao Ambedkar University in collaboration with Balani Infotech, NOIDA UP and INFLIBNET on April 30, 2024.

- Information and Library Network Centre (INFLIBNET), Gandhinagar, and Central Library, Babasaheb Bhimrao Ambedkar University jointly organised a "**One-Day Awareness Programme on ORCID and INFLIBNET Services for Scholarly Comm**

unities" on **August 10, 2024** at Babasaheb Bhimrao Ambedkar University, Lucknow. More than 125 library professionals from different parts of the country and research scholars & faculties have participated in the programme as shown in the following pictures.



Figure 14: ORCID Training

- Online User's Orientation on '**How to access Pearson's E-Books Platform'** was conducted for faculties, research scholars and PG students of BBAU in collaboration with Pearson India Education Services Pvt. Ltd. Chennai on **August 21, 2024.**

- **Online Training Program on ILMS:** The Library has organized an Online Training on **"Cengage's eBooks Training Session"** via Google Meet for research scholars and PG students of BBAU in collaboration with Cengage Learning India, New Delhi for Cengage Learning prescribed e-Book **October 17, 2024.**

- Trainings for all ONOS members on **March 19, 2025** to promote use of e-journals in the University conducted on the topic on **"Learn to Easily Navigate Springer Nature Platforms**" to access all journals in collaboration with Springer Nature, New Delhi.

3.14 Library Automation: The Library is automated by using an Open-Source Software namely KOHA. Automation work in several sections such as circulation, technical and periodical section has been done with the help of KOHA. Retrospective conversion of all the documents in MARC-21 through KOHA Library Management System is done by in-house staff. The Library Web-Online Public Access Catalogue (OPAC) is accessible for the users

through library website. The Library has implemented RFID system and smart library card system in the Library.

3.15 Website of the Gautam Buddha Central Library: The Library has developed a website of the Gautam Buddha Central Library in Joomla-5 open source under Linux environment. All the e-resources of the Library have been integrated with library website for easy access to the users. The website is accessible through https://www.gbl.bbau.ac.in/ as shown in figure-14. The library website is linked with BBAU website for convenience of the users. More than 18300 users have accessed the website during the period.

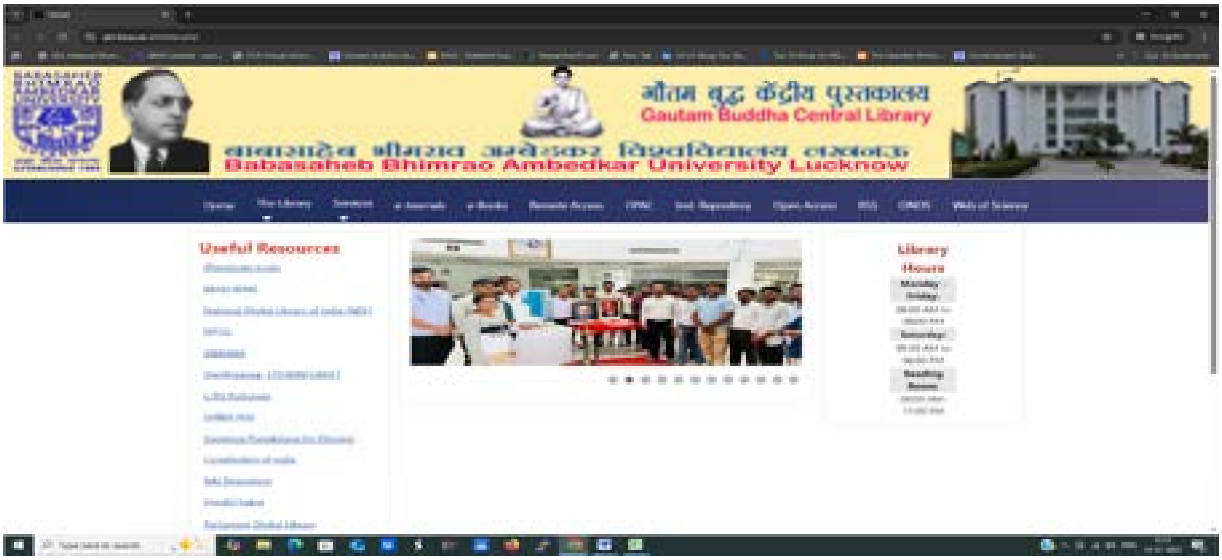


Figure 15: Library Website

3.16 BBAU Institutional Repository: Institutional Repository of Babasaheb Bhimrao Ambedkar University (BBAU) has been developed by covering of research publications of BBAU in the form of articles, thesis, dissertations, annual reports, etc. In the repository, 602 e-theses and dissertations have been uploaded. During the year, 82 e-theses and dissertations were uploaded in the repository. Users may access the repository from the web address http://14.139.228.232/home.

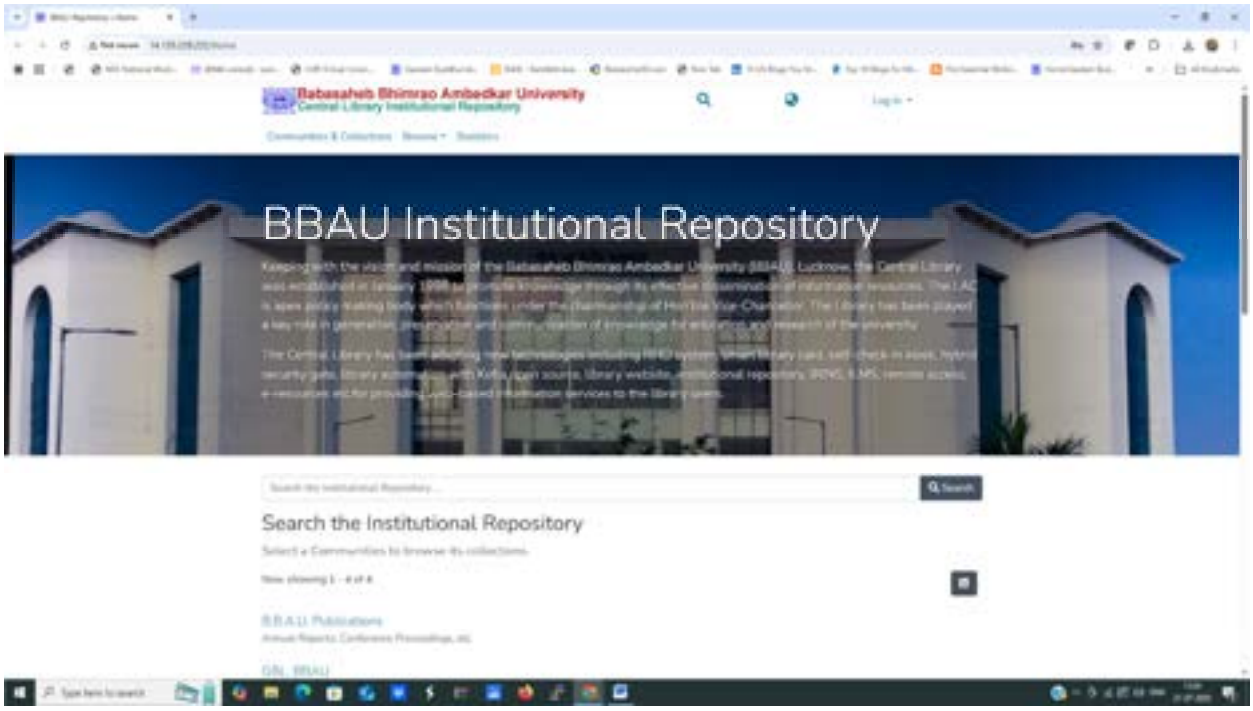


Figure 16: BBAU Institutional Repository

3.17 Use of e-Resources: The usage of e-Resources has been obtained from InfiStats of INFLIBNET. Usage of e-Books have been obtained from the concerned publishers. The data shows that during the period, 240377 documents/articles have download/used in the University from various e-resources provided by the INFLIBNET under e-ShodhSindhu consortium and subscription of the Library (Table-9).

Table 9: Usage of e-Resources

Resource	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Total
AAAS													
ACM Digital Library													
American Society for Microbiology													
American Society of Civil Engineers												8	8
Cambridge Univ. Press	1473	1186	610	663	882	544	598	569	395	647	732	634	8933
IEEE Journals										134	124	384	642
Indianjournals.com										38	110	140	288
Institute of Physics										38	110	256	404
SAGE Journals										1328	1736	1040	4104
SPIE Digital Library											6	20	26
American Chemical Society	43	37	58	77	67	105	88	56	34	174	82	244	1065
JSTOR	3300	2776	954	1875	2267	2738	2512	2602	1555	2045	2500	1991	27115
Nature	314	309	130	281	362	209	219	253	139				2216
Oxford University Press	1127	1041	693	1127	1124	1131	852	867	411	623	814	748	10558
Project Muse	42	236	10	88	48	310	50	44	62		10	46	946
Science Direct	1854	1302	426	1017	1161	881	798	678		5302	15084	15492	43995
Springer Link	11872	9290	5268	7954	9450	7148	7794	6906	6126	8280	8304	9322	97714

Taylor and Francis	2970	2415	951	2315	2802	2293	2302	1792	1427	2246	2939	2833	27285
Wiley-Blackwell	946	773	405	600	831	647	538	583	481	2728	3192	3354	15078
Total	**23941**	**19365**	**9505**	**15997**	**18994**	**16006**	**15751**	**14350**	**10630**	**23583**	**35743**	**36512**	**240377**

3.18 INFED Remote Access System: The Central Library provides remote access of more than 13000+ e-Journals (under ONOS) and thousands of e-books (Open Access + subscription) to the BBAU fraternity through INFED. The website for accessing these e-resources is https://idb.bbau.ac.in which is maintained on cloud-based server. The e-Resources have been linked with this website for easy access to the user from off-campus. Username and password access have provided to the 5230 users through e-mail to access the e-Resources 24X7. This service has become very useful for students and faculties to access subscribed and eSS/ONOS e-Resources from home.

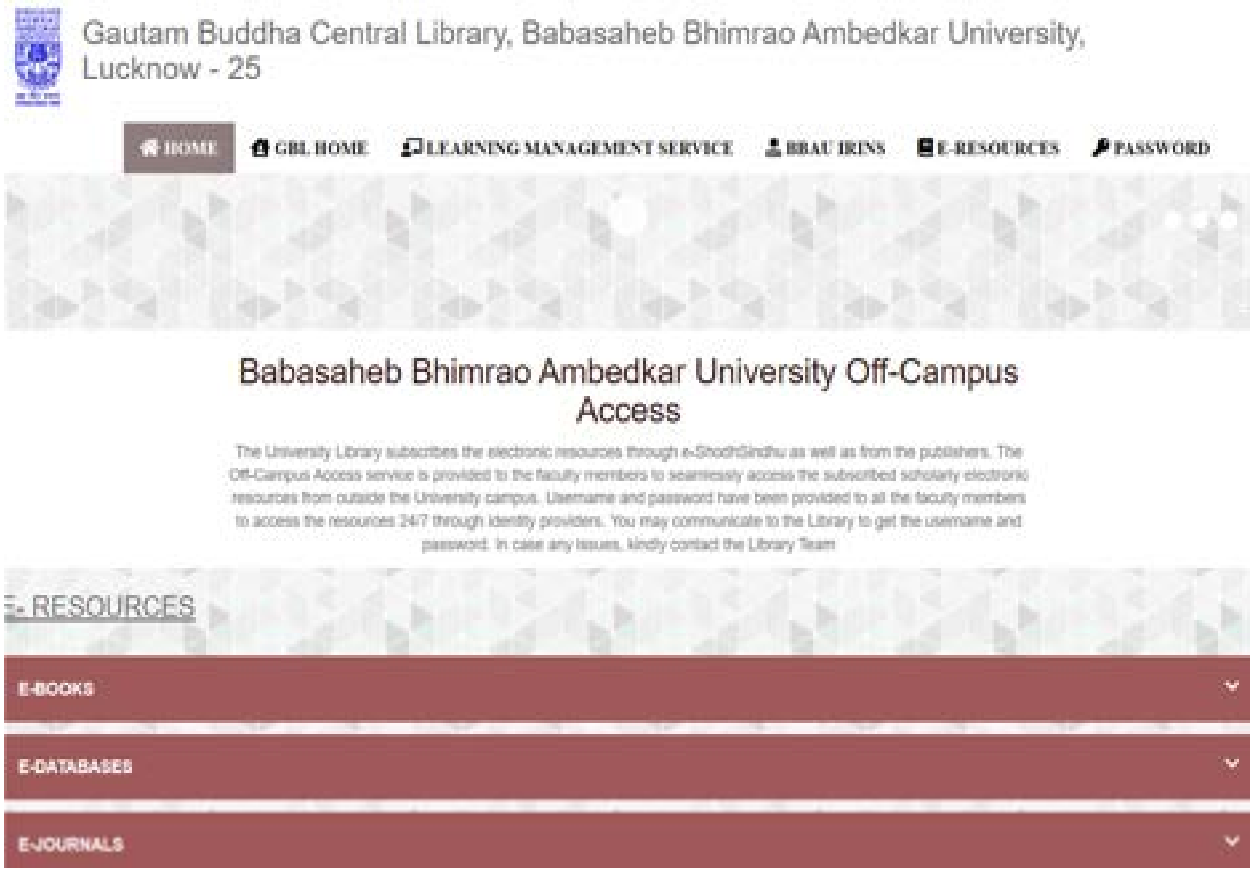


Figure 17: INFED Remote Access website

4.0 Online E-resources

The Library provides access to two bibliographic databases (Table-10) and 30 full-text e-journals databases (Table-11) in various subjects like Science, Social Science, Arts & Humanities, Engineering, Law, etc. to the University fraternity through E-ShodhSindhu and presently ONOS (One Nation One Subscription). During the period, the access of

approximately following 13236 full-text e-journals has been provided to the users. The subscribed/purchased other e-Resources of the Library are mentioned in table-12.

Table 10: Bibliographic Database

i.	Institute for Studies in Industrial Development (ISID) Database
ii.	J-Gate Plus (JCCC)

Table 11: Full-Text Online Databases

S. No.		Number of Journals	S. No.		Number of Journals
1	AAAS- Science	1	17	Emerald Publishing Journals	311
2	ACM Digital Library	158	18	ICE Publishing Journals	34
3	American Chemical Society Journals	90	19	IEEE Journals	210
4	American Institute of Aeronautics and Astronautics (AIAA) Journals	8	20	IndianJournals.com	253
5	American Institute of Physics Journals	28	21	Institute of Physics Journals	90
6	American Mathematical Society Journals	9	22	Lippincott Williams & Wilkins (Wolters Kluwer) Journals	305
7	American Physical Society - All	15	23	Oxford University Press Journals	376
8	American Society for Microbiology Journals	16	24	Project Muse	751
9	Annual Reviews Journals	51	25	Sage Publishing Journals	1097
10	ASCE Journals Online	36	26	SPIE Digital Library	16
11	ASME Journals Online	38	27	Springer Nature Journals	2404
12	Bentham Science Journals	118	28	Taylor and Francis Journals	2548
13	BMJ Journals	36	29	Thieme Journals	47
14	Cambridge University Press Journals	442	30	Wiley Journals	1333
15	Cold Spring Harbor Laboratory Press Journals	8	31	CSIR–NIScPR (Indian Open Access Society Journals)	18
16	Elsevier Science Direct Journals	2389	**Total Number**		**13236**

Table 12: Subscribed/Purchased other e-Resources

1	iThenticate Anti Plagiarism Software	1000 users
2	E-Books (Perpetual Access)	2511
3	Manupatra	Law Database

5.0 The Library Expenditure for the Year 2024-25

The Central Library received an amount of Rs. 40.0 Lakhs in under Books & Journals budget head from the University, out of which an amount of Rs. 40.95 Lakhs has expended by the Library. The breakup details of expenditure is given in table-14.

Table 13: Library Expenditure for the year 2024-25

S. No	Name of Items	Expenditure incurred (in INR)
i	Print Books	3434031
ii	Print Journals & Magazines	12650
iii	INFED Remote Access	49560
iv	Software to Connect RFID Kiosk with KOHA	24779
v	Print Books for **(NBHM Grant)**	38900
vi	Turnitin-PDS	535374
	Total Approximate Amount Spent	**4095294**

6.0 The Library at a Glance

The Library at a glance for the year 2024-2025 has given in the following table-14.

Table 14: Library at Glance for the year 2024-2025

S. No.	Items	Total	Sections
1	Print Books Purchased	2297	**Acquisition and Technical Section**
2	Print Books Purchased for Amethi Satellite Centre	164	
3	E-Books Purchased	Nil	
4	वर्ष में क्रय की गयी हिन्दी / संस्कृत पुस्तकों की संख्या	289	
5	Books received by Gratis/Donation	124	
6	Expenditure on Books (In Rs.)	3205353	
7	Expenditure on Books for Amethi Satellite Centre (In Rs.)	228678	
8	Expenditure on e-Resources (Perpetual Access) (In Rs.)	Nil	
9	Approximate value for received donated books (In Rs)	312404	
10	Total number of Documents Technically Processed	3520	

11	Total number of Print Documents in the Library	72446	
12	Full-text online journals accessible	13236	**Periodical Section**
13	Bibliographic Databases	2	
14	Print Journals Subscribed	68	
15	Print Newspapers subscribed	19	
16	Print Magazines subscribed	25	
17	Number of Visitors in Periodical section	13115	
18	Expenses on Newspapers	36638	
19	Faculty Publications Displayed	156	
20	Number of Gratis/ Gifted Journals Received	39	
21	Expenditure on Print Journals (In Rs.)	12650	
22	Number of Registered users of Library	712	**Circulation Section**
23	Books issued to the Users	18397	
24	Number of Books Consulted in library	388676	
25	Users consulted in the Library	85698	
26	New Registration of Users/Smart ID cards Prepared	2497	
27	Miscellaneous Charges collected (in INR)	90892	
28	Documents uploaded in **DrillBit** PDS	1889	**Cyber Section**
29	Documents uploaded in **iThenticate** PDS	4593	
30	Number of Visitors in the e-Library section	13836	
31	Number of Computers in the Cyber Section	12	
32	Number of Theses Uploaded on Shodhganga	602	
33	Number of hits on Library Website	18304	
34	Remote login IDs & Password Provided to the Users	5689	
35	Number of articles/documents downloaded/used from e-Resources	240377	
36	Theses & Dissertations Received in Library	235	**Theses Section**
37	Processed Theses & Dissertations	89	
38	Visitors in the Theses Section	503	
39	Number of Theses Available	935	
40	Information Literacy Program/webinar/workshop Conducted	5	**Others**
41	Number of days Library opened	271	
42	Total Number of Books as on 31/03/2024	72446	
43	Seating capacity of users	400	

7.0 Library Staff

i. Dr. Sunil Goria, University Librarian – Overall administration, supervision and management of the University Library System, Implementation of ICT in the Library, etc.
ii. Dr. Om Prakash Saini, Assistant Librarian - In-charge of Acquisition, Periodical Section, Circulation Section, Photocopy Service, Braille Section and Maintenance of the Library.
iii. Mr. R.K. Gupta, Personal Secretary to the Librarian - All the works related to the Library Office and management of library files.
iv. Mr. Amit Kumar Verma, Professional Assistant - All job related to circulation ssection i.e. membership Smart ID Cards, reference services, and usage RFID systems operations, etc.
v. Mrs. Rina Kumari, Library Assistant - Assist in Acquisition and Technical Processing,
vi. Mrs. Avinash Kaur, Library Assistant – Maintenance of Books and other works assigned by the authority.
vii. Mrs. Satvinder Kaur, Library Assistant –Assist in all activity of the circulation section.
viii. Mr. Daya Shanka, Library Attendant - Replacement of books.
ix. Smt. Sunita, MTS

8.0 Publications/Membership

i. Goria, Sunil. Standing Committee Member of Government Libraries Section for 2nd Term: 2024-2027, *The **I**nternational **F**ederation of **L**ibrary **A**ssociations and Institutions (IFLA). Netherland.*
ii. Saini, O. P. (2024). Ranganathan's Five Laws in Changing Scenario. *Library Herald.* Vol. 62 (June-Sep, 2024). ISSN: 0976-2469

University Works Department

University Works Department came into existence with the establishment of Babasaheb Bhimrao Ambedkar University on 10.01.1996 (vide GOI, Ministry of HRD, Education Department Notification No.8-16/GOI/desk/U-1dated 05.01.1996) by an Act passed by the Parliament in 1994. Through its professional expertise in disciplines including Architecture, Engineering, Project Management, coupled with comprehensive experience in building construction and maintenance, Engineering Section has been serving the University from its establishment and has executed variety of works in a difficult and demanding location in which the university is situated. It has now grown into a comprehensive construction management department, which provides services from project conceptualisation to completion and maintenance management.

1. Functions:

i. University Works Department works on Planning and Construction of New Projects and Maintenance works in the University Campus by inviting E-tendering & quotations and correspondence with Construction agency of Central Govt. and State Govt. for execution of Building projects, roads etc.
ii. University Works Department prepares the budgetary proposals to take grants from U.G.C./Ministry of Education and other ministries of Govt. of India and State Govt. of UP.
iii. Civil and Electrical related maintenance works are undertaken by the U.W.D. (Engineering Section) from time to time depending upon the requirement.
iv. The water supply to the Academic, Admin., Residences of the University Campus are maintained through OHT & UGT with underground-water-line networks and similarly, the electric supply of the University buildings/campus are maintained through 03 nos. University Electric Sub-Stations.
v. University Works Department conveyed the various meetings of committees and prepares the Agendas and Minutes the statutory committees i.e. Building Committee and others of the University.

All these achievements were made with very limited staff strength in the Engineering Section.

2. Details of the Officer/Staff:

S. No	Name	Designation
1.	Pratik Kumar	Executive Engineer
2.	Vishal Singh	Assistant Engineer (Electrical)
3.	B.S. Saini	Section Officer
4.	Dharmesh Kumar	Junior Engineer (Civil)
5.	Vinay Kumar Awasthi	Electrician
6.	Pawan Mishra	Pump Operator
7.	Adarsh Saxena	Electrician

3. Various Works undertaken by University Works Department in F.Y. 2024-25: -

i. Construction of water point at Sports Ground and Gate No 02 from A Type to gate No 2 along main road side at BBAU.

ii. Cleaning of CWR and water storage tank in various building BBAU Campus Lucknow CWR.
iii. C/o AL partition doors and windows at Guest House at BBAU
iv. Replacement of damaged cupboard shutter by WPC board at Sanghmitra Girls Hostel New Ashoka at BBAU Lucknow and WPC flush door shutters at Ashoka Boys Hostel Replacement of damaged flush door shutters and WPC door shutters at Yashodhra etc.
v. Replacement of Sluice Valve and Air value with new one at central water supply of BBAU Lucknow.
vi. Construction of interlocking pavor block pitching at the road side in front of SBBT Phase 3
vii. Annual Maintenance Contact of Lifts, DG Set, Centralised AC Plant, Roof Top RO and Water cooler.
viii. Miscellaneous petty work which are maintenance in nature.

4. Infrastructure Available:

The Institution has facilities for alternate sources of Energy and Energy conservation measures

Solar Energy

University signed a MoU. / ppa (power purchase agreement) for 25 years with m/s cleanmax enviro energy solutions, winner of the bid / tender floated by solar energy corporation of India (seci) under ministry of new & renewable energy (mnre) for "implementation of 1000 mw grid connected solar pv system scheme for government buildings in different states/union territory of India under capex/resco model" as per competitive bidding under rfs no.: seci/c&p/mnre/1000mw rt/ind/122016 dated: 09-12-2016.

under this scheme of seci / mnre, university utilized the benefits of the resco model, where risk mitigation of extent of power generation by solar irradiation as well as no upfront capital expenditure required to be made by the university.

the entire project cost was solely borne by the developer i.e. m/s cleanmax enviro energy solutions and university have to pay for solar units generated from these solar plants on the basis of ppa (power purchase agreement) signed at fix rate of rs. 3.91 / unit for 25 years. after 25 years, plant will be completely handed over to the university without any additional expenditure.

Salient details of plant

i.	capital expenditure made by the university	: nil
ii.	mode of execution	: resco model
iii.	project cost	: 4.5 crores (approx.)
iv.	total rooftop solar area	: 7500 sq. mtrs
v.	installed capacity	: 750 kwp
vi.	no. of roofs used	: 9 roofs and 2 parking area
vii.	solar modules	: 2300 (make – adani)
viii.	inverters	: 18 (make – delta)
ix.	designed nominal generation	: 3000 units / day(approx.)
x.	subsidy from seci	: 30% of total project cost
xi.	designed annual generation	: 10,31,250 kwh

xii. depreciation rate of generation : 1.0% every year
xiii. project cost recovery period including o&m : 25 years
building wise solar pv installation details

BUILDING	Total Installed Capacity (in KWp)	Total Area Covered by Solar Plant (in Sq mtrs)
Chitralekha Hostel	31.2	315
Yashodhara Hostel	31.2	315
Sanghmitra Hostel	101.4	1000
Ashoka Hostel	50.7	510
SBBT 1	50.7	510
SBBT 3	62.4	625
Legal Studies	50.7	510
Central Library	71.5	715
UIET	50.7	510
Car Park – Library	118.625	1200
Car Park - Auditorium	128.375	1300
Total	747.5	7510

FINANCIAL YEAR WISE ENERGY / MONETARY SAVING & CLEAN ENERGY UTILIZATION

Sr. No.	Financial Year	Days of Operation	Energy Generated / Saved	Direct Monetary Saving
1.	**2018 - 2019**	151*	**3,03,660.2* KWH (Units)** **from Date of Operation i.e. after Oct 2018*	**Rs. 14,18,093.13***
2.	**2019 - 2020**	365	**9,93,799.08 KWH (Units)**	**Rs. 46,39,781.22**
3.	**2020 - 2021**	365	**9,48,768.53KWH (Units)**	**Rs. 66,57,053.10**
4.	**2021 - 2022**	365	**9,87,447.22 KWH (Units)**	**Rs. 63,99,064.33**
5.	**2022 - 2023**	305	**7,77,556.72 KWH (Units)** **from April 2022 to 30 Jan 2023*	**Rs. 39,52,339.28** **from April 2022 to 30 Jan 2023*

Sensor-based Energy Conservation

Total Number of Sensor based Energy Conservational fittings installed – 65 Nos.

Sr. No	Type of fitting	No of LED Purchase	Wattage of Each LED fitting	Wattage of Each Conventional Tube Light	Power saving by LED fitting (In Watt)	Number of Running Hours	Total Power saving (In watt)
1	LED Tube Light fitting	65	12	70	58	10	37,700.00
	Total Energy Saving (in Watt Hour / Day)	37,700.00					

Based on the above data, annual monetary savings achieved is as per below mentioned calculations:

- Total Energy Saving per Year -37,700.00 Watt Hour
- Energy Saving per Year - 37700 X 365 = 13760500 Watt Hours = 13760.5Units
- Annual Monetary Savings -13760.5 Units X Rs. 10 / Unit = Rs. 137605.00 per Annum (Approx.)

Use of LED bulbs/power efficient equipment's

- University has taken initiative to replace the conventional light with LED Lights. LED Lights have a lot of advantages in terms of its long lifespan, energy efficient.

The data have been furnished below:

Sr. No	Type of fitting	No of LED Purchase	Wattage of Each LED fitting	Wattage of Each Conventional Tube Light	Power saving by LED fitting (In Watt)	Number of Running Hours	Total Power saving (In watt)
1	LED Tube Light fitting	1000	20	40	20	12	2,40,000
2	LED Street Light	150	70	150	80	10	1,20,000
3	LED Panel Light	30	36	3×36=108	72	12	25,920
4	LED Bulb	100	9	100	91	12	1,09,200
				Total Energy Saving (in Watt Hour / Day)			4,95,120

Based on the above data, annual monetary savings achieved is as per below mentioned calculations:

- Total Energy Saving per Year - 495120.00 Watt Hour / Day
- Energy Saving per Year – 495120.00 X 365 = 180718800 Watt Hour = 180719.00 Units (Approx.)

- Annual Monetary Savings - 180719.00 Units X Rs. 10 / Unit = Rs. 1807190.00 per Annum (Approx.)

Water Conservation facilities available in the Institution:

1. **Rainwater Harvesting**

The area of the University is 10,15,586.94 m2 (251 acre) with a built-up area of 34973.15 m2(8.64 acre) excluding the area of roads and footpaths. Rich green vegetation and large open land provide good infiltration of the rainwater on the university campus. In the University, three rooftop rainwater harvesting systems have also been installed. All these systems are helping in groundwater recharge in the university.

Three rooftop rainwater harvesting systems (RWH) installed in university

i. Behind SES building
ii. SBBT phase 2 building
iii. Behind Ambedkar Bhawan

Amount of total annual rainfall: 896 mm/year Total area: 1015586.94 m2

(251 acre) Built-up area of buildings: 34973.15 m2 Built-up area of roads:

88083.96 m2

Built up Area with roads and pavements: 34973.15 m2 + 88083.96 m2 = 123057.11 m2
Total Catchment Area of Built-up Area with roads and pavements: 123057.11 m2
Run off from Built up area including roads and pavements = 110259 m3
Total volume of water in the catchment: 1015586.94 m2 × 896 mm = 909966 m3
Volume of water that joins the run-off drain: 110259 m3
Volume of water available for recharge through unpaved surface: (909966 m3 – 110259 m3) = 799707 m3 per year

2. **Maintenance of water bodies and distribution system in the campus.**

The water requirements in the BBAU are met by the groundwater sources, abstracted through deep wells located within the campus. The groundwater is stored in underground reservoir of capacity 19.80 lakh litres and further lifted to the overhead tank (OHT) of capacity 10 lakh litres. This water is being supplied to all the other administrative and residential buildings. Many academic buildings have their own OHT. In the University campus, small pumps are also installed during the initial phase of development of University. A list of all the OHTs and current status of the installed pumps is given below table 1.

Table 1: List of OHTs in BBAU campus along with their capacity

Location of OHT	No. of Tank	Capacity		Total Capacity in Liters
Main OHT	1	1000000	Ltr	1000000

SES	2	5000	Ltr.	10000
SAS	1	1000	Ltr.	1000
	1	500	Ltr.	500
	1	2000	Ltr.	2000
	2	5000	Ltr.	10000
Legal Studies	19	1000	Ltr.	19000
	6	500	Ltr.	3000
RCA	2	500	Ltr.	1000
	10	1000	Ltr.	10000
Kanishka Hostel	2	2500	Ltr.	5000
	5	1000	Ltr.	5000
	8	3000	Ltr.	24000
Canteen	3	500	Ltr.	1500
Library	2	5000	Ltr.	10000
Ashoka Hostel	8	3000	Ltr.	24000
	4	1000	Ltr.	4000
	2	2500	Ltr.	5000
Ashoka Extension	20	2000	Ltr.	40000
	1	1000	Ltr.	1000
Siddhartha Hostel	13	1000	Ltr.	13000
	2	500	Ltr.	1000
Health Centre	8	500	Ltr.	4000
	2	1000	Ltr.	2000
UIET	3	1000	Ltr.	3000
	1	500	Ltr.	500
	3	2000	Ltr.	6000
SBBT-I	5	5000	Ltr.	25000
	4	2000	Ltr.	8000
SBBT-II	12	2000	Ltr.	24000
SBBT-III	1	2500	Ltr.	2500
	1	1000	Ltr.	1000
	12	2000	Ltr.	24000
Auditorium	1	1000	Ltr.	1000
	4	2000	Ltr.	8000
Old Admin block	1	1000	Ltr.	1000
Old Admin block (Bank)	1	500	Ltr.	500
RCA Hostel	13	1000	Ltr.	13000
	2	500	Ltr.	1000
Chitralekha Girls	6	500	Ltr.	3000

Hostel	8	1000	Ltr.	8000
Yashodhara Girls Hostel	5	5000	Ltr.	25000
	2	1000	Ltr.	2000
	3	2000	Ltr.	6000
	1	200	Ltr.	200
Sanghmitra Girls Hostel	4	5000	Ltr.	20000
	1	1000	Ltr.	1000
	2	3000	Ltr.	6000
	1	2000	Ltr.	2000
Rearing House	2	500	Ltr.	1000
	1	1000	Ltr.	1000
VC House	4	200	Ltr.	800
	1	2000	Ltr.	2000
TypeA-1	6	200	Ltr.	1200
	6	1000	Ltr.	6000
TypeA-2	6	200	Ltr.	1200
	6	1000	Ltr.	6000
Guest House	5	500	Ltr.	2500
	3	150	Ltr.	450
	1	1000	Ltr.	1000
Statistics	4	500	Ltr.	2000
TypeC-1	16	500	Ltr.	8000
TypeC-2	16	500	Ltr.	8000
TypeB-1	16	1000	Ltr.	16000
TypeB-2	16	1000	Ltr.	16000
GBS	1	200	Ltr.	200
Engineering Section	1	500	Ltr.	500
Total				**1461550 Ltr.**

Details of Installed Transformers in University Campus:

Sl. No.	Substation Name	Nos.
1.	Substation No. 1 - 1250 KVA	01
2.	Substation No. 2 - 1250 KVA	01
3.	Substation No. 3 - 1250 KVA	02
Total Installed Capacity: 5 MVA		

Details of D.G. Sets in the University Campus:

Sl. No.	Rating	Installed location
1.	5 KVA	SAS Building Portable Generator
2.	5 KVA	SES Building Portable Generator
3.	20 KVA	University Guest House
4.	20 KVA	V.C. Residence
5.	62.5 KVA	Old Administrative block
6.	200 KVA	Atal Bihari Vajpayee Auditorium
7.	250 KVA	Gautam Budh Central Library
8.	20 KVA	SES Conference Hall
9.	61.5 KVA	SBBT Phase-1
10.	320 KVA	Ambedkar Bhawan

Details of Pump Sets in the University Campus:

Sl. No.	Type of Pump Set	Installed location	Nos.
1.	50 hp (3 phase submersible pump)	Underground reservoir	03
2.	20 hp (3 phase submersible pump)	Near C.W.R, Near Type-B Residence, Near Type-C Residence & University Health Centre	04
3.	10 hp (3 phase submersible booster pump)	Underground reservoir and Ambedkar Bhawan	02
4.	03 hp (3 phase submersible pump)	Yashodhara Hostel	01
5.	02 hp (1 phase submersible pump)	Type-B Residence and Type-B Residence	02
6.	02 hp (1 phase Monoblock booster pump)	University Central Library	01

7.	02/1.5 hp (1 phase submersible pump)	Sanghmitra Hostel-1, VC Camp Office, Guest House, Mango Garden (Horticulture) and USIC	05
Total Installed Capacity: 303 HP (Approx.)			

Details of Lifts at and their Locations

Sl. No.	Nos.	Installed location
1.	06 (Johnson lift)	Ambedkar Bhawan
2.	01 (Johnson lift)	SBBT Phase-2
3.	02 (OTIS)	Gautam Budh Central Library

Details of RO Plant in the University Campus

Sl.No.	Location	Purification Capacity (LPH)
1	Ashoka Boys Hostel	500
2	Kanishka Boys Hostel	500
3	Siddhartha Boys Hostel	500
4	Yashodhara Girls Hostel	500
5	Sanghmitra Girls Hostel	500
6	Chitralekha Girls Hostel	500
	Total Capacity (LPH)	**3000**

University Health Centre

The University Health Centre provides basic health services to all the students, administrative staff, faculty members including dependants, non-teaching staff as well as contractual staff of the University. Health services started at the University in 2005 and a Medical Professional was hired to provide health services in the administrative block. Considering the increasing numbers of students as well as staff members, a dedicated separate building was constructed which became functional in 2013. Later, two Medical Officers, Dr. (Major) Vikas Srivastava & Dr. Harshita Singh were appointed in the year 2014 & 2022 to augment the health services. At present, dispensary setup is being provided as per UGC guidelines.

LOCATION

University Health Centre is located in the premises of Vidya Vihar near gate no. 3.

STAFF

University Health Centre comprises of: -

Dr. (Major) Vikas Srivastava	-	Chief Medical Officer
Dr. Harshita Singh	-	Medical Officer

Following additional staff has been provided by outsourcing agency: -

Physiotherapist		-	01
Nurses		-	03
Pharmacist		-	01
Medical attendants		-	03
Safaiwala		-	01
Multitasking Staff	(1/2 Day)	-	01

SERVICES

Following services are provided: -

(i) **O.P.D. Services** - The doctors are always available as per their duty schedule. The needy patient may visit for consultation and treatment.

O.P.D. Timings-

Morning O.P.D. - 10:00 A.M. - 5:00 P.M.

Evening O.P. D - 01:30 P.M. - 7:30 P.M. (Monday to Saturday)

Health centre remains closed on Sunday.

(ii) **Emergency Services** – One qualified & experienced paramedical staff is always available to deal with any emergency on all working days. An ambulance vehicle along with an ambulance driver under vehicle section is available for early evacuation & safe transportation to the nearest Government hospital.

(iii) **Medicines** - Medicines are distributed to all the patients free of cost & is procured from Pradhanmantri Jan Aushadi Kendra. Only the basic medicines for various common diseases are available. For specialized medicines, the patient may have to get it from higher centres in consultation with the specialist.

(iv) **Detention room** - Health Centre also provides the facility to detain the patients who require monitoring for a short duration.

(v) **Referral System** - Patients who require admission/investigations/ specialized treatment is being referred to authorized higher centers.

(3)

(vi) **Telecommunication System** – One central landline is available to contact for emergency & ambulance services-

9450876853

(vii) **Organization of camps** – Health centre is actively involved in organizing various blood donation camps & health awareness camps from time to time. Health centre also organises RTPCR test as well as COVID-19 vaccination camps for its staff, students and nearby residents along with District Administration.

a. Health Camp (Tender Palm Hospital) - 13/04/2024
b. Health Camp (Psychiatry) - 28/04/2024
c. Blood Donation Camp (SGPGIMS) - 30/07/2024
d. Health Camp (Ortho & Gynae) - 23/08/2024
e. Health Awareness Camp (Welsuncity) - 18/10/2024
f. Health Camp (Medanta) - 21/02/2024

(viii) Apart from routine O.P.D. & Emergency services, we also provide healthcare facilities to all the participants as well as guests during various sports events, seminars, symposiums organized by our University.

(ix) Doctors are also involved in **community services** through awareness on First aid, IMOY, Anaemia, visiting nearby villages and spreading awareness campaign, health camps along with various departments, N.C.C. & N.S.S. from time to time.

(x) A Physiotherapy room has been established where a qualified physiotherapist provides therapeutic as well rehabilitation service

(4)

(xi) **Medical Reimbursement** – Medical Reimbursement is done as per CSMA rules.

(xii) Alternative medicine like Yoga wellness centre also runs in the premises of Health centre along with the other departments of the University.

(xiii) After constant efforts of CMO Dr. Vikas Srivastava, MOU with various big Super speciality Hospital were performed

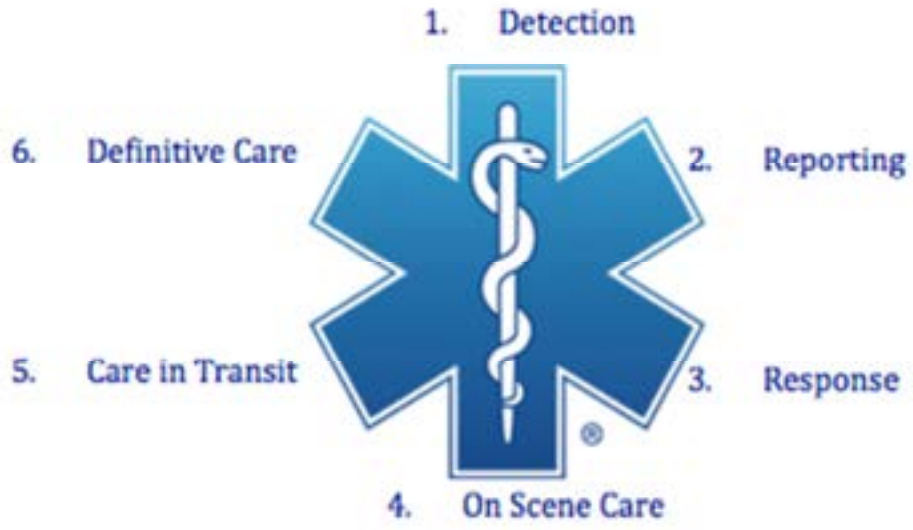
MOU with Tender Palm Super speciality hospital	-	10/10/2024
MOU with Welisun Medicity Super speciality Hospital	-	10/10/2024
MOU with Medanta Super speciality Hospital	-	13/11/2024
MOU with Max Super speciality Hospital	-	30/01/2025

(xiv) BBAU Health centre was recognized by SGPGIMS Blood bank for conducting Blood donation camps from time to time & contribute to community services.



AIM-

Our basic goal is to provide all medical i.e. all preventive as well as therapeutic facilities along with alternative medicines under one roof of the University Health Centre.



UNIVERSITY HEALTH CENTRE



O.P.D. SERVICES







DETENTION ROOM



AMBULANCE SERVICES



Health camp by Tenderpalm Hospital on 13/04/2024





Lecture on Mental Health by Dr. Zain, Psychiatrist (28/04/2024)





Health camp by Osteogynaec clinic (23/08/2024)







Health camp by Welsun city Hospital on (18/10/2024)



Blood donation camp along with SGPGIMS on (30/07/2024)





Health camp by Medanta Hospital (21/02/2025)





CPR TRAINING





MOU With Max Superspeciality Hospital (30/01/2025)



Hindi Cell (हिन्दी प्रकोष्ठ)

हिंदी प्रकोष्ठ का गठन संवैधानिक प्रावधानों एवं राजभाषा अधिनियम 1963 व राजभाषा नियम 1976 के तहत राजभाषा संबंधी प्रावधानों को लागू करने के लिए भारत सरकार के प्रत्येक विभागों, कार्यालयों, स्वायत्तर संस्थानों एवं उपक्रमों में अनिवार्य है। राजभाषा के इसी प्रावधान के अनुपालन में भारत सरकार ने प्रत्येक केन्द्रीय विश्वविद्यालयों में हिंदी प्रकोष्ठ का गठन किया गया है।

विश्वविद्यालय में हिंदी प्रकोष्ठ् का गठन राजभाषा नीति के अनुपालन एवं राजभाषा के संबंध में भारत सरकार के आदेशों को लागू करने के उद्देश्य से किया गया है। इस दिशा में हिंदी प्रकोष्ठ द्वारा अनेक कदम उठाए गए हैं। जैसे-

- हिंदी पत्राचार के प्रतिशत को बढ़ाना
- राजाभाषा अधिनियम 1963 के धारा **3(3)** का अनुपालन।
- राजभाषा कार्यान्वयन समिति की तिमाही बैठक।
- तिमाही हिंदी कार्यशाला, गोष्ठी का आयोजन।
- राजभाषा विभाग को तिमाही प्रगति रिपोर्ट का ऑनलाइन प्रेषण।
- हिंदी में कार्य को बढ़ावा देने के लिए कम्यूटरों पर यूनिकोड को इंस्टाल करना।
- हिंदीत्तर भाषी कर्मी को हिंदी प्रशिक्षण की व्यवस्था करना।

हिन्दी प्रकोष्ठ -

01	सहायक निदेशक (राजभाषा)	डॉ. बलजीत कुमार श्रीवास्तव
02	कनिष्ठ अनुवाद अधिकारी	श्रीमती सन्ध्या दीक्षित
03	हिन्दी टंकक	रिक्त पद

हिन्दी प्रकोष्ठ की नवीनतम गतिविधियां

i. विभागीय राजभाषा समिति की बैठक का नियमित आयोजन ।
ii. इसके साथ ही विश्वविद्यालय में राजभाषा अधिनियम एवं नियम का अनुपालन सुनिश्चित करने हेतु सभी विभागों को आदेश जारी करना एवं इसके अनुपालन हेतु प्रयास करना।
iii. विश्वविद्यालय की हिन्दी प्रगति की तिमाही प्रगति रिपोर्ट मानव संसाधन विकास मंत्रालय एवं राजभाषा विभाग को नियमित रूप से क्रमशः डाक एवं ऑनलाइन नियमित रूप से भेजा जाना।
iv. कार्यशाला/गोष्ठी का नियमित आयोजन होता है।
v. ई-मेल के माध्यम से यूनीकोड का लिंक भेजकर विश्वविद्यालय के समस्त विभागों/ अनुभागों के कम्प्यूटरों पर यूनीकोड संस्थापन सुनिश्चित किया जाना।
http://www.bhashaindia.com/ilit/HindiPreInstall.aspx
vi. नगर राजभाषा कार्यान्वयन समिति की बैठकों में सक्रिय भागीदारी।
vii. दैनिक कार्यो में प्रशासनिक शब्दों के उपयोग हेतु ई-मेल के माध्यम से सरल शब्दावली का समस्त विभागों/अनुभागो में प्रेषण किया गया।
viii. प्रतिवर्ष हिन्दी पखवाड़ा का आयोजन करना।

ix. हिंदीत्तर भाषी कर्मी को हिंदी प्रशिक्षण दिलाना।
x. प्रतिवर्ष मातृभाषा दिवस का आयोजन करना।

2. हिन्दी प्रकोष्ठ की नवीनतम गतिविधियां-

i. दैनिक कार्यो में प्रयोग होने वाले प्रपत्रों का अनुवाद जैसे- अवकाश, मेडिकल आदि।
ii. विश्वविद्यालय के सभी नामपट्ट एवं साईन बोर्ड को द्विभाषी किया जाना ।
iii. विश्वविद्यालय में प्रशासनिक एवं अन्य कार्यो में प्रयोग किये जाने वाले सभी प्रपत्रों का अनुवाद हिन्दी में किया गया एवं उसे वेबसाईट पर अपलोड किया गया।
iv. विश्वविद्यालय के वार्षिक लेखा प्रतिवेदन का अनुवाद । (प्रत्येक वर्ष लगभग 100 पृष्ठ)
v. विश्वविद्यालय के वार्षिक प्रतिवेदन का अनुवाद (प्रत्येक वर्ष लगभग 600 पृष्ठ)।
vi. विश्वविद्यालय की विभिन्न सामग्रियों का प्रत्येक वर्ष लगभग 40 पृष्ठ का अनुवाद हिन्दी में किया गया।
vii. विश्वविद्यालय की वेबसाईट को हिंदी में किया गया।
viii. परीक्षा अनुभाग एवं अन्य विभागों एवं अनुभागों से आने वाली सामग्री का अनुवाद हिन्दी में किया जाना।
ix. विभिन्न कार्यक्रमों की सामग्री का अनुवाद हिन्दी में होना।

3. राजभाषा कार्यान्वयन से सम्बन्धित कार्य-

i. हिन्दी तिमाही प्रगति रिपोर्ट (आख्या) का ऑनलाइन प्रेषण।
ii. विभागों /कार्यालयों से तिमाही हिंदी प्रगति रिपोर्ट(आख्या) प्राप्त करना एवं उसे समेकित कर शिक्षा मंत्रालय एवं राजभाषा विभाग को ऑन लाइन भेजना ।
iii. मंत्रालय द्वारा राजभाषा से सम्बन्धित माँगी गई सूचना का प्रेषण करना ।
iv. प्रत्येक तिमाही में विभागीय राजभाषा कार्यान्वयन समिति की बैठक आयोजित करना एवं उसमें राजभाषा कार्यन्वयन संबन्धी विषयों पर चर्चा करना ।
v. राजभाषा कार्यान्वयन हेतु कुलपति महोदय के अनुमोदन से आदेश जारी करना एवं अनुपालन सुनिश्चित करना जैसे– धारा 3(3) का अनुपालन एवं सभी नामपट्ट, नामपट्टी, मोहर आदि को
vi. द्विभाषी करना ।
vii. सभी कम्प्यूटरों पर हिंदी में कार्य करने के लिए यूनीकोड उपलब्ध कराना ।
viii. सरल शब्दावली का ई- मेल के माध्यम से प्रेषण करना।
ix. दैनिक प्रयोग में आने वाली टिप्पणियों का प्रेषण करना ।
x. पत्रावली प्रबन्धन हेतु आइ.एस.ओ. प्रणाली का प्रयोग किया जा रहा है।
xi. हिन्दीत्तर भाषी शैक्षिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार के हिन्दी शिक्षण
xii. योजना के तहत प्रशिक्षण की व्यवस्था करना ।

4. हिन्दी प्रकोष्ठ के समक्ष चुनौतियाँ

i. हिन्दी पत्राचार का प्रतिशत बढ़ाना।

ii. हिन्दी वेबसाइट एवं कार्यालय आदेश का नियमित अनुवाद करना।

iii. मंत्रालय एवं यूजीसी को भेजने हेतु हिन्दी तिमाही रिपोर्ट को विभिन्न विभागों/अनुभागों से समय पर प्राप्त करना।

iv. वार्षिक प्रतिवेदन, लेखा प्रतिवेदन एवं विभिन्न बैठकों के कार्यवृत्त का समय पर अनुवाद करना।

v. आयोजन

a. प्रत्येक वर्ष सितम्बर माह में हिंदी पखवाड़ा का आयोजन एवं पखवाड़ा के दौरान विभिन्न प्रतियोगिताओं और गोष्ठियों आयोजन ।

b. प्रत्येक तिमाही राजभाषा कार्यशाला का आयोजन करना ।

c. प्रत्येक तिमाही राजभाषा कार्यान्वयन समिति की बैठक का आयोजन करना ।

5. राजभाषा कार्यक्रमों में भागीदारी

i. नगर राजभाषा कार्यान्वयन समिति के बैठकों में सक्रिय भागीदारी ।

ii. अखिल भारतीय राजभाषा संगोष्ठी में भागीदारी ।

iii. विश्व हिन्दी सम्मेलन में भागीदारी ।

6. हिन्दी प्रकोष्ठ की उपलब्धियां

i. प्रत्येक वर्ष सितम्बर माह में हिंदी पखवाड़ा का आयोजन करना।

ii. वार्षिक प्रतिवेदन,लेखा प्रतिवेदन, सीएजी रिपोर्ट एवं बैठकों के कार्यवृत्त का शीघ्र अनुवाद करना।

iii. हिन्दी वेबसाइट एवं कार्यालय आदेश का नियमित अनुवाद करना।

iv. कोड, मैनुअल, प्रपत्र, प्रकिया और अन्य साहित्य का अनुवाद करना।

v. हिंदीत्तर भाषी कर्मचारियों को हिंदी प्रशिक्षण हेतु नामित करना।

7. प्रशिक्षण-

i. हिंदीत्तर भाषी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार की हिंदी शिक्षण योजना के तहत हिंदी का प्रशिक्षण दिलाया गया।

ii. प्रशिक्षण हेतु कार्यशालाओं का आयोजन किया गया।

8. हिंदी प्रकोष्ठ की भावी योजनाएं -

i. हिंदीत्तर भाषी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार की हिंदी शिक्षण योजना के तहत हिंदी का प्रशिक्षण दिलाना।

ii. हिंदी पत्राचार के प्रतिशत को बढ़ाना।

iii. सभी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को राजभाषा नीति से अवगत कराना।

iv. विश्वविद्यालय के प्रकाशन कार्य में सहयोग करना ।

v. कार्यशाला / संगोष्ठियों का आयोजन करना।

Internal Quality Assurance Cell (IQAC)

1. Background:

The IQAC has been an integral part of the University and dedicated to ensure the quality education, governance, student employment and social equity for global competence under mission 2047 of country as per NEP 2020. This works towards realizing the goals and overall quality enhancement by developing a system for conscious, consistent and catalytic improvement in different aspects for functioning of the University.

The Internal Quality Assurance Cell (IQAC) was established in the University during 2009 with the main objective of ensuring systematic improvement in the overall performance of the institution and to enhance quality of education imparted. Committed to enhancing the academic and administrative functioning of the University. The IQAC is operating in University accordance with the guidelines and parameters set by the accrediting bodies like NAAC. IQAC has been actively involved in the quality improvement to ensure the quality teaching and updating course curriculum in collaboration with Dean Academic Affairs of University, various Schools, & Head of Departments and Centres including Satellite Campus at Amethi. The contributions of Steering Committee members were commendable by continuous monitoring, auditing the departmental Academic and Administrative functioning for compiling of University AQAR, IIQA, SSR Data and DVV Queries during the year 2022-23 and University ranked A++ with highest score of 3.73 further the committee compiled and submitted AQAR 2023-24 and for current session is under process as per out academic calendar.

2. Objectives:

The primary objective of IQAC is to ensure the continuous improvement in the overall performance of the University. Its aim to develop a consistent system for conscious and catalytic action to improve the academic and administrative performance of the institution. In addition, the objective is to foster a quality culture within the institution by promoting measures for institutional functioning towards quality enhancement through practicing quality culture and institutionalization of best practices.

3. Vision:

To enhance the quality of teaching learning, research, and innovation of the University for Academic Excellence with the application of knowledge for all stakeholders, including socially and economically marginalized section of societies.

4. Mission:

To develop an ecosystem and to motivate the student, faculty and staff for significant improvement in academic programmes, research activities, innovations, outreach with special emphasis on gender sensitivity, environmental concerns, skill development and support to marginalized section of the society and to evolve mechanisms for evaluation of the progress of achievements through review and feedback from various stakeholders.

5. IQAC Composition

The composition of the IQAC is designed to incorporate diverse perspectives and expertise to enhance the institution's quality standards including industry expert. The present composition of committee is as below: -

6. IQAC Committee:

S. No.	Name	Designation
1.	Prof. Raj Kumar Mittal, Vice-Chancellor	Chairman
2.	Prof. Sanatan Nayak	Member
3.	Prof. B.N. Dubey	Member
4.	Prof. R.A. Khan	Member
5.	Prof. U.V. Kiran	Member
6.	Prof. Suman Mishra	Member
7.	Dr. Krishna Murari	Member
8.	Dr. Leena Sharad Shimpi	Member
9.	Dr. Monica Sharma	Member
10.	Prof. B.C. Yadav	Member from BoM
11.	Registrar	Member
12.	COE	Member
13.	Finance Officer	Member
14.	Topper (Overall in PG)	Member from Student
15.	Dr. Shishir Kumar Gangwar	Member from Alumni
16.	Dr. Sanjay Kr. Pathak, Sagar (M.P)	External Member-Employer
17.	Ms. Pragati Agarwal, Director, Agrim Metals Pvt. Ltd., LKO	External Member-Industry
18.	Dr. Anupam Vidyarthi, Vice-Principal Seth M.R. Jaipuria School, Gomti Nagar, Lko	External Member-Local Community
19.	Prof. Ram Chandra, Director, IQAC	Member Secretary

By engaging various stakeholders in the quality assurance process, the IQAC ensured a holistic approach to quality enhancement in all areas of institutional functioning during 2024-25. The Steering committee which continuously pout their effort for academic and administrative auditing.

7. Steering Committee:

S. No.	Name	Designation
1.	Prof. Ram Chandra, Director, IQAC	Chairman
2.	Prof. Shilpi Verma, Dy. Director, IQAC	Member
3.	Prof. D.R. Modi	Member
4.	Prof. B.S. Bhadauria	Member
5.	Prof. Shishir Kumar	Member
6.	Prof. Raj Sharan Shahi	Member
7.	Dr. Shalini Chandra	Member
8.	Dr. Prayas Sharma	Member
9.	Dr. Nitesh Kr. Verma	Member

10.	Dr. Salil Seth	Member
11.	Dr. Mahendra Kumar Padhy	Member Secretary

i. The main role of Steering Committee is systematic, periodic review and data collection, compilation & uploading of AQAR to NAAC portal for IIIrd cycle accreditation (2023-28).
ii. To make periodic academic and administrative audit to each department of University to ensure the functioning of departmental IQAC for routine maintenance of ground level data in department.
iii. Semester wise student feedback analysis and action taken to all department of the University to ensure the Academic and Administrative quality of the University.
iv. To ensure "Shramdaan" by all the Departments/Schools and develop a mechanism to assess their contribution for making University clean & green.
v. Uploading all the information at Institute website as per NAAC guidelines.
vi. The responsibilities of each member of the committee are allocated as per seven criteria of NAAC.

8. Supporting Staff of IQAC:

i. Mr. Rishu Raj Singh (D.E.O)
ii. Mr. Vivek Kumar (M.T.S)

9. Highlights of IQAC activities in 2024-25:

i. During the last five years, 12 IQAC, 68 Steering committee meetings were held along with other important decisions regarding NAAC assessment and accreditation.
ii. In addition to monitor the academic and administrative set-up for functioning of department & school level, including the Establishment, Finance & Examination section, 50 meetings and audits were conducted by the team of IQAC.
iii. Several meetings of Steering Committee were held for strengthening the IQAC activities and overall academic development of the University as and when required.

Milestone activities of Steering Committee	
Date	**Meetings**
16.05.2024	**i.** Finalize the new format of Feedback form. **ii.** Constituted committee for prepare the modalities of evaluation of Shramdaan.
08.07.2024	**i.** Discuss about the preparation and arrangements for conducting one-day Regional Workshop for the Northern region by NAAC.
02.08.2024	**i.** The Committee proposed to the Academic Council that 50% of the budget from the created fund be provided for the academic development of the concerned departments, as per the prior approval of the Academic Council.

	ii. The Committee also sent a proposal for rotation of Head/Coordinator of Self-finance courses in line with rotation of Head/Dean of regular departments as per the University statute to maintain the quality of teaching.

iv. For monitoring and evaluation of academic and administrative set-up and functioning of different unit of the University. The Academic Audit committee visited to all section and submitted the strength and weakness for improvement. The constituted committee were as below: -

Academic Audit Committee –I

1. Prof. Ram Chandra - Chairman
2. Prof. Manish Kumar Verma
3. Prof. Preeti Misra
4. Prof. B.N. Dubey
5. Dr. M.K. Padhy – M.S.

Academic Audit Committee – II

1. Prof. Priti Saxena - Chairperson
2. Prof. S. Victor Babu
3. Prof. D.R. Modi
4. Prof. Hari Shankar Singh
5. Dr. Raj Sharan Shahi – M.S.

v. IQAC monitored and accelerated the process of Seed Money grants also to support the newly recruited teachers.

vi. Various sub-committees were also constituted for smooth functioning and quality enhancement.

vii. Committee also recommended for purchase of Equipment for Smart Class tools.

viii. Efforts have been made to collect comprehensive feedback from all stakeholders including Students, Faculty, Alumni, Employers and Parents through structured feedback mechanisms.

ix. The University after recognition under category – I, is eligible for starting various new programme under Open Distance Learning (ODL) and Online Learning (OL) along with various regional centres.

x. The IQAC of the University organized a one-day NAAC Reforms 2024 regional consultative workshop northern region on 26th July, 2024. The workshop was conducted to disseminate knowledge on the latest revisions in the NAAC accreditation process, including the revised manual, outcome-based assessment approach, and the emphasis on data validation and verification (DVV) processes.

10. Glimpse of NAAC Reform Workshop and other NAAC related workshop.

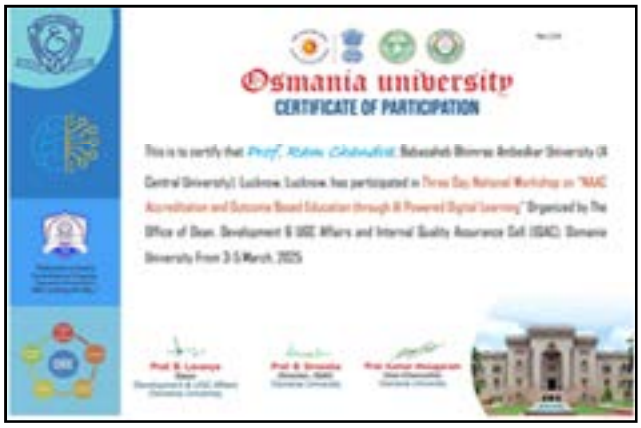
i. Coordinator, NAAC reforms - 2024 regional consultative workshop for North Region of India held at BBAU July 25-26, 2024.



ii. Prof. Ram Chandra attended one day workshop on Institutional Development Programme (IDP) as Nodal Officer and Chairman of BBAU, organized by UGC, Ministry of Education at INSA, New Delhi on Sept 04, 2024.



iii. Prof. Ram Chandra attended Three Day National Workshop on "NAAC Accreditation and Outcome Based Education through AI Powered Digital Learning" organized by Osmania University on March 03-05, 2024.





11. Any other Information:

The University also organized various extension activities on a large scale for social awareness and upliftment of the weaker sections around the University, the important extension activities among which were Unnat Bharat Abhiyan, Swachha Bharat Abhiyan, Azadi Ka Amrit Mahotsav, Ek Bharat, Shreshtha Bharat and NSS etc.

12. Acknowledgment:

As IQAC look back on the achievements of the previous year, IQAC acknowledge the dedication and collaborative efforts of all stakeholders in achieving the goals of the IQAC. Moving forward, IQAC is committed to enhance the quality benchmarks set by University and accrediting agency, guided by the principles of transparency, accountability, and continuous improvement.

Office of Chief Vigilance Officer (CVO)

About Chief Vigilance Officer (CVO)

- Government of India appoints officers in all Central government organizations to assist the Head of the Organization in maintaining integrity and transparency and in the discharge of vigilance functions. The CVO acts as an advisor to the Chief Executive and reports directly to them. They head the Vigilance Division of the Organization and provide a link between the Organization and the Central Vigilance Commission and the Central Bureau of Investigation.
- Babasaheb Bhimrao Ambedkar University has appointed a CVO as per rules of UGC, Government of India to keep a close watch on official work so that it does not indulge in acts of corruption.

Major Functions:

The CVO is mainly responsible for the prevention and detection of corruption cases in the University and also for taking legal action wherever necessary. Introduction of preventive measures for bringing transparency and simplicity in the process of allocation and disbursement of grants to different sections and department CVO also observe Vigilance Awareness Week as per the instructions issued by the CVC.

- The Chief Vigilance Officer heads the Vigilance Division of an Organization and acts as an advisor to the Head of the institution in all matters pertaining to vigilance. He/she is also the nodal officer of the Organization for interaction with CVC and CBI.
- Broadly speaking, the functions of the Chief Vigilance Officer can be divided as under:

i. Preventive vigilance
ii. Punitive vigilance
iii. Surveillance and detection

- **On the Preventive Side**

The Chief Vigilance Officers are mandated to carry out several preventive measures such as examining in detail the existing Rules and procedures of the Organization with a view to eliminate or minimize the scope for corruption or malpractices. They are to identify the sensitive/corruption prone spots in the Organization and keep an eye on personnel posted in such areas.

- **On the Punitive Side**

Regarding Punitive Vigilance, Chief Vigilance Officers are to ensure prompt and effective end to end disposal of vigilance cases. They should ensure that documentation of the investigation and drafting of reports, charge sheets and orders should be such that it holds up to scrutiny.

- **On Surveillance and Detection**

Chief Vigilance Officers are expected to keep a close observation on the activities of the organization to minimize the possibility of malpractices or misconducts. They

should conduct regular and surprise inspections in the sensitive areas in order to detect if there have been instances of corrupt or improper practices by the public servants.

Work Details

Mainly CVO office receives the files for Vigilance Clearance of the employees, who apply for any post of internal or external institutes/organisations.

i. It is mandatory pre condition for grant of Vigilance Clearance that Officer/Faculty are requested to submit Annual Immovable Property Return (IPR) latest by 31st January of each year.
ii. CVO also looks after the departmental enquiries and enquiries done by outside agencies such as CBI.
iii. CVO office has a mail for lodging any complaint and the committee looks after that complaint within stipulated time frame.

Other Work Detail

CVO also observe ‘‘Vigilance Awareness Week’’ every year as per the instruction issued by Central Vigilance Commission (CVC).

As part of the observance of ‘‘Vigilance Awareness Week’’ various awareness activities/programs like Posters competition, Painting competition, Gram Sabhas, Debate Competition, Rastriya Ekta Pledge etc. for employees and other stakeholders of the University is to be organised at the University on the theme given by CVC.

Other Backward Classes (OBC) Cell

The OBC Cell of Babasaheb Bhimrao Ambedkar University was constituted with Office order no. 1905/BBAU/2019 on 22/11/2019. The OBC Cell is a special cell to look into the matters of OBCs students and staffs of the institutions which was constituted in accordance with the XI plan guidelines of the UGC.

The OBC Cell of Babasaheb Bhimrao Ambedkar University was established with the purpose of empowering, providing protection to everyone including the member of OBC as per the provision of constitution of India.

1. It aims to educate, enlighten and empower the students and staffs of OBC categories in the university. It ensures to make facilities extended by the Government and other agencies for their educational & occupational career.

2. It collects data regarding the implementation of the policies in respect of admissions, appointments of teaching and non-teaching positions in the University and analyse the data showing the trends and changes towards fulfilling the required quota.

3. OBC Cell ensure due compliance of the order of reservation issued from time to time in favour of OBC and to ensure prompt disposal of the grievance of the employees and students of OBC category.

4. To maintain a database of candidates belonging to OBC in the University to facilitate in placement service.

5. To function as a Grievances Redress Cell for the grievances of OBC students and staffs of the University and render them necessary help in solving their academic, research as well as administrative problems.

6. To deal with representations from Other Backward Classes (OBC) and candidates regarding their admission, scholarships, recruitment, promotion and other similar matters in the University.

7. The Hon'ble Vice-Chancellor has appointed Prof. Sanatan Nayak, Department of Economics as Liaison Officer, OBC Cell of the University vide Letter no. 533/Estt./BBAU/2020 dated 06/03/2020.

8. **Functions of OBC Cell**

i. To implement, monitor and evaluate continuously the reservation policy in University and plan measures for ensuring effective implementation of the policy and programmes of the Government of India and UGC.

ii. To circulate the orders and other circulars issued by the University/ Government of India and UGC (University Grant Commission). To collect information regularly/ on an annual

basis, regarding course-wise admission of candidates belonging to the Other Backward Classes in the University in prescribed form within the stipulated time, and to take follow-up action, wherever required.

iii. To circulate the orders and circulars issued by Government of India and University Grants Commission's in respect of appointment and promotion for teaching and non-teaching posts in the University in suitable forms by a stipulated date and take follow up action wherever required.

iv. To collect reports, orders and information issued by Government of India and UGC on the various aspects of Education, Training and Employment of other Backward Classes candidates for evolving new policies or modifying existing policies.

v. Any other works assigned by the University from time to time to promote higher education among OBC students and staffs.

vi. To ensure provisions for an environment where all such students feel safe and secure.

vii. To provide prompt counselling for any emotional emergencies arising on account of any events at the campus.

viii. To deal with representations received from Other Backward Classes (OBC) regarding their admission, scholarships, recruitment, promotion and other similar matters in the University.

ix. It acts as a Grievances Redress Cell for the grievances of OBC students and staffs of the University and render them necessary help in solving their academic, research as well as administrative problems.

x. To maintain a database of candidates belonging to OBC in the University to facilitate in placement service.

xi. To analyse information collected and prepare reports and digests for onward transaction to the Ministry of Education (MoE), Government of India, University Grant Commission (UGC) and such other authorities as may be required.

xii. To co-ordinate through university with Government. (State & Central), UGC and such other organizations to get scholarship/other financial benefits for OBC & minority students.

9. Office Infrastructure

i. OBC Cell has been allotted Room no. 308, 3rd floor of Ambedkar Bhawan of the University with furniture's and office equipment.

ii. Official E-mail ID has been created for the cell.

iii. Official OBC Cell link created on University website.

iv. Complaints/suggestions box has been installed in the office of OBC Cell.

Constitution of OBC Cell

Name	Departments	Qualification	Particulars
Prof. Sanatan Nayak	**Department of Economics**	**MA, M.Phil., Ph.D. (Economics).**	**Chairman/Liaison Officer**

Prof. D. R. Modi	**Department of Biotechnology**	**M. Sc., Ph. D.**	**Member**
Dr. Ravi Shankar Verma	**Department of Horticulture**	**Ph. D, NET-ICAR**	**Member**
Dr. Shiv Shankar Yadav	**Department of Hindi**	**MA (NET), UGC (Ph. D, Hindi)**	**Member**
Dr. Nitesh Kumar Verma	**Department of Library and Information Science**	**Ph. D, UGC-NET, M. LISc, B. Com (Hons)**	**Member**
Shri Bhagwan Sahai Saini	**Section Officer (Engineering Section)**	**MA (Political Science, History)**	**Member/Convenor**

Constitution of Advisory Committee for OBC
With effect from 21/08/2023

S. No.	Name	Responsibility
1.	Vice-Chancellor	Chairman
2.	Prof. Sanatan Nayak	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. Rajesh Kumar	Member
5.	Prof. B. S. Bhadauria	Member
6.	Prof. Bal Chandra Yadav	Member
7.	Prof. M. Ravi Kumar Vejendala	Member
8.	Dr. B. S. Gupta	Member
9.	Dr. Sufiya Ahmed	Member
10.	Dr. Preety Choudhari	Member
11.	Shri B. K. Kashyap	Member
12.	RSO	Convener

OBC Boy's and Girl's Hostels

OBC Boy's Hostels

The newly constructed boy's hostel for OBC students at Babasaheb Bhimrao Ambedkar University, Lucknow was inaugurated by Shri Rajesh Verma, Chairman, Uttar Pradesh State Backward Classes Commission. Dignitaries including Hon'ble Vice Chancellor BBAU, members of the Commission and Registrar BBAU were present on the occasion.

List of Warden's

S. No.	Name	Responsibility
1.	Dr. O. P. Saini	Warden, Administration OBC Boy's Hostel
2.	Dr. Abhishek Verma	Warden, OBC Boy's Hostel

Savitri Bai Phule Girl's Hostels

Babasaheb Bhimrao Ambedkar University (BBAU) has a hostel named **"Savitri Bai Phule"** Girl's hostel which is specifically designated for OBC girls. Savitri Bai Phule is first female teacher in India. OBC girl's hostels also inaugurated by Hon'ble VC BBAU.

List of Warden's

S. No.	Name	Responsibility
1.	Dr. Alka	Warden, Administration Savitri Bai Phule Girl's Hostel
2.	Dr. Namita Jaiswal	Warden, Savitri Bai Phule Girl's Hostel
3.	Dr. Anuradha	Warden, Savitri Bai Phule Girl's Hostel

National CADET CORPS

National Cadet Corps is a Tri-Service Organization, comprising the army, Navy and Air Force, engaged in grooming the youth of the country into disciplined and patriotic citizens. Training in NCC instils qualities like nationalism, patriotism, disciplined, team spirit, sprit-de-corps, leadership and self- confidence and promotes overall personality development. NCC gives a tremendous opportunity to one and all for betterment, irrespective of caste, creed, religion or economic status. Based on the aims of NCC, the organization has laid down training syllabi for the cadets. The syllabi for the senior division cadets cover a period of three years. The NCC (Girls) wing of the Babasaheb Bhimrao Ambedkar University started on 12 August, 2010 with the strength of 70 Cadets is attached to the 20 UP Girls BATTALION NCC of the Army and NCC (Boys) Division started from 2016-17 session with the strength of 50 Cadets is attached to the 67 UP BATTALION NCC of the Army. The Commanding officer & Adm officer of 20 UP Girls BN are Col. Ratnakar Trivedi and Major P Surekha Rao respectively. The Commanding officer of 67 UP BN is Col. Punit Srivastava. At present, total strength of enrolled cadets (Girls & Boys) is 120. All NCC activities, in the University campus are conducted under the supervision of Vice Chancellor, BBAU, Capt. (Dr.) Raj Shree, Associate Professor, DIT and Lt. (Dr.) Manoj Kumar Dhadwal, Assistant Director, Physical Education. During this year cadets have attended a number of camps such as Combined Annual Training Camp, Annual Training Camp and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like

Swachhata Pakhwada, Celebrated World Earth Day, Voter Awareness Campaign, Celebrated World Bicycle Day, Celebrated World Environment Day, Distribution of NCC 'C' certificate, Tree Plantation, Celebrated Kargil Vijay Diwas etc. Details of all the activity during 2024 – 2025 are as given below.

1. Celebrated Swachhata Pakhwada on 13/04/2024
2. Celebrated World Earth Day on 22/04/2024
3. Voter Awareness Campaign on 04/05/2024
4. Celebrated World Bicycle Day on 03/06/2024
5. Celebrated World Environment Day on 05/06/2024
6. Distribution of NCC 'C' certificate on 12/06/2024
7. Tree Plantation on 18/06/2024
8. Celebrated Kargil Vijay Diwas on 26/07/2024
9. Celebrated Independence Day on 15/08/2024
10. Celebrated World Space Day on 23/08/2024
11. Celebrated Nashili dawayon aur Sharab ki lat se Mukti Vishya per Seminor on 24/08/2024
12. Celebrated National Sports Day on 29/08/2024
13. Celebrated Swachhata Pakhwada on 5/09/2024
14. Celebrated Hindi Padkwada on 17/09/2024 to 30/09/2024
15. Celebrated Swachhata hi Seva on 01/10/2024
16. Celebrated Gandhi Jayanti & Lal Bahadur Shastri Jayanti on 02/10/2024

17. Celebrated National Unity Day on 31/10/2024
18. Celebrated Janjatiya Gaurav Diwas on 22/11/2024
19. Celebrated Swami Vivekanand Jayanti on 12/01/2025
20. Celebrated Subhash Chandra Bose Jayanti on 23/01/2025
21. Celebrated National Voter's Day on 25/01/2025
22. Celebrated Republic Day on 26/01/2025
23. Celebrated World Water Day on 22/03/2025

National Service Scheme

(Coordinator NSS)
Dr. Pawan Kumar Chaurasia

(Program Officers)

1. Dr. Taruna
2. Dr. Pranav Kumar Anand
3. Dr. Arpit Shailesh
4. Dr. Narendra Kumar Singh
5. Dr. Meena Vishweshwar
6. Dr. Shankar Kumar Lal

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	R.	VOTER'S DAY AWARENESS PROGRAMME

ABOUT BBAU-

Babasaheb Bhimrao Ambedkar University was established on 10 January 1996. Babasaheb Bhimrao Ambedkar, during his lifetime, established it with the objectives of national integration, social justice and working in a democratic way, and also studied the constitution of the world. This university is an undergraduate, post-graduate and research promoting university. The main objective of this university is to promote professional studies, inter-disciplinary studies and research and development activities. To fulfill the goal of achieving academic excellence, the academic activities of BBAU have gained immense momentum due to extensive developments in the last 25 years. The university also has a branch satellite campus in Amethi, which was established in 2016.

ABOUT NATIONAL SERVICE SCHEME (NSS)

National Service Scheme popularly known as NSS, was launched in Gandhiji's centenary year, 1969. With the aim of developing the personality of the student through community service, NSS is a voluntary association of young people working in colleges, universities and at +2 level for a campus. National Service Scheme NSS Cell. Started with one unit in Babasaheb Bhimrao Ambedkar University, Lucknow from session 2015-16, it is currently functioning with 06 units 600 volunteers and 06 Programme Officers and Coordinators. Sports Ministry and Unnat Bharat Abhiyan is a flagship programme of the Ministry of Human Resource Development (MHRD), a special initiative by the Prime Minister of India to develop villages as Adarsh Gram. NSS Cell BBAU volunteers regularly organize various activities in the campus adopted village Aurangabad Khalsa/Jagir.

• Awareness about government scheme for villagers
• Awareness about Swachh Bharat Abhiyan
• Understand the community in which they work
• Understand themselves in relation to their community
• Identify the needs and problems of the community and involve them in problem-solving
• Develop a sense of social and civic responsibility
• Use their knowledge in finding practical solutions to individual and community problems
• Develop the capacity required for group-living and sharing responsibilities
• Acquire skills in mobilizing community participation
• Acquire leadership abilities and democratic attitudes
• Drug-free environment

PROGRESS REPORT

(1) MARTYRDOM DAY PROGRAM

Date- On 14th and 15th May, 2024, a two-day Shaheedi Diwas celebration was organized at Babasaheb Bhimrao Ambedkar University with the joint efforts of the Ministry of Youth Affairs and Sports and National Service Scheme. Swachhata and voter awareness programs were organized during these two days. A voter awareness rally was taken out on Wednesday. NSS Regional Director Dr. A. S. Kabir gave his best wishes and said that NSS is working in every part of the country. Our volunteers are ahead in all fields. University Vice Chancellor Prof. N.M.P. Verma said that voting is our responsibility, everyone should participate in it enthusiastically. NSS Coordinator Dr. Pawan Chaurasia welcomed the guests and shared

information about the program. A.K. Hashmi said that it is very important to remember the sacrifices of the martyrs. He said that cleanliness is most important for us. NSS volunteer Sadaf Khan said that there are always two tables in front of us, one table has entertainment and the other has things to do for the country, we always have to try to move forward. We should have good information. Education Department Head Dr. Rajsharan Shahi said that the biggest responsibility of rebuilding the country is on the youth of India. Sharing facts related to Baba Saheb Ambedkar, he said that a journalist asked Dr. Ambedkar what is the soul of the constitution, then Baba Saheb said that it is liberty, equality and fraternity. Then the journalist said that it has been taken from France, then he said that I have taken the spirit of liberty, equality and fraternity from the thoughts of Buddha. With the right to vote, we can speed up education, law and order and development. Do vote to strengthen the democracy of India. Voting is very important to realize the dreams of great men. Manoj Kant, Director of Rashtradharma magazine He said that we worry about our family and home but not about our country. People hesitate to exercise their right to vote. Youths are more important because India is a country of youth. Dr. Narendra Singh conducted the programme. Rajesh Tiwari, Ashwani Kumar of the regional committee of National Service Scheme, NSS Programme Officer Dr. Pranav Anand, Dr. Taruna, Dr. Arpit Shailesh, Dr. Meena Vishweshwar etc. were present and volunteers from the NSS units of the university and teachers along with NSS officers also participated in the programme.

Objective of the program- The objective of this program is to increase the percentage of votes in the current Lok Sabha elections and to make the youth understand the importance of voting that your vote will elect a strong government in our country which can take important decisions for development, employment and public interest for the country. To motivate the villagers and shopkeepers to vote as much as possible through the rally.

(2) WORLD NO TOBACCO DAY

Date- 31/05/2024, BBAU. World No Tobacco Day was celebrated by the National Service Scheme unit under the guidance of the SOC, Chairman of the University. In which volunteers of the NSS units of the university and teachers along with NSS officers also participated in the program.

Objective of the programme- It is the responsibility of all of us to solve this problem. We have to work together in every section of the society. There is already a provision in our constitution to take strict measures against drug abuse. We need to implement it and follow it. If we all work together, it is possible to establish a drug-free society. Our collective efforts can make this important mission a success.

On World No Tobacco Day, the Vice Chancellor of the University said – Tobacco consumption causes many health problems, such as cancer, heart disease, respiratory problems and mental problems. Apart from this, the use of tobacco also harms the environment.

Coordinator NSS Dr. Pawan Kumar Chaurasia administered the oath to everyone and said – We all here take this oath seriously that we will not consume tobacco and will not use any kind of tobacco related products. We will carry forward our work on this determined path and pledge to live a drug-free life to save our health. We will also try to make our families, friends and other members of the society aware about the harmful effects of tobacco and inspire them to quit or reduce tobacco. We will cooperate to bring a positive change in the society around us and try to move towards a drug-free society. We will all move together towards a drug-free life and progress towards a healthy, positive and prosperous future. This is our resolution today and this will be our future.

(3) INTERNATIONAL YOGA DAY

Date – 21/06/2024, BBAU University's National Service Scheme Unit celebrated the 10th International Yoga Day (Yoga for self and society) under the chairmanship of Honorable Vice

Chancellor. Skillfully trained Yoga Department teacher and Program Officer NSS Dr. Narendra Singh taught all the volunteers the virtues of making the body healthy through yoga. It is mentioned in the photo report of the said program.

Objective of the program - The objective of this program is to give the message of yoga to the whole world and make them healthy because yoga is an ancient Rishi tradition of India. Which has to be implemented in human life and its benefits have to be given to the whole world, so that a healthy society can be established again.

(4) 100 DAYS' INITIATIVE PROGRAM''EK PED MAA KE NAAM ABHIYAN''

Date- On July 18, 2024, taking reference of the letter of Regional Directorate of Youth Sports Program and Sports Ministry and National Service Scheme, "Ek Pen Maa Ke Naam Abhiyan" was organized under the "100 Days' Initiative Program" at Babasaheb Bhimrao Ambedkar University under the supervision of Program Officer Dr. Arpit Shailesh. In this program, lectures on environment, tree plantation, and distribution of plants were done,

Objective of the Program- The main objectives of the "Ek Pend Maa Ke Naam" program are as follows:

1. Environmental Protection: Planting and preserving trees, thereby improving the environment and increasing greenery.

2. Respecting Mothers: Honoring the contribution and love of mothers by dedicating each plant to them.

3. Awareness Raising: Spreading awareness towards environmental issues in society and motivating people to plant trees.

4. Social Participation: Uniting the community and collectively working to protect the environment.

5. Resource Conservation for Future Generations: Ensuring conservation of natural resources for future generations.

Thus, the "Ek Pend Maa Ke Naam" program is an important effort to promote both environmental improvement and respect for women in society.

(5) "FOOD SAFETY AWARENESS PROGRAMME"

Date- On 31st July, 2024, taking reference of the letter of Regional Directorate of Youth Sports Program and Ministry of Sports and National Service Scheme, "Food Safety Awareness Program" was organized under the "100 Days Initiative Program," at Babasaheb Bhimrao Ambedkar University under the supervision of Program Officer Dr. Taruna.

The main objectives of this programme are:

1. To prevent adulteration and contamination of food items.

2. To ensure safe storage and transportation of food items.

3. To follow hygiene standards in the production and processing of food items.

4. To check and test food items before consuming them.

5. To increase awareness of food safety among people.

6. To establish a system for taking prompt action in food safety cases**.**

7. To ensure that food items are produced and distributed in a safe and hygienic manner, so that people's health can be protected.

(6) "BUDGET DISCUSSION PROGRAMME"

Date – On 06th August, 2024, taking reference of the letter of National Service Scheme Special Executive Officer and State Liaison Officer, Government of Uttar Pradesh, at Babasaheb Bhimrao Ambedkar University, under the "100 Days Initiative Program," "Budget

Discussion 2024 Program" was organized under the leadership of Program Officer Dr. Pranav Kumar Anand.

Objectives of the program- What will be the impact of the budget presented by the Finance Ministry of the Government of India on the people of the country, what are its advantages and disadvantages.

Prof. Devendra Yadav said - It is important to note that the impact of the budget depends on various factors, such as the state of the economy, political stability, and global conditions. Projects and schemes announced in the budget can create new employment opportunities. Education and health related schemes given in the budget can bring improvement in these sectors. Agriculture related schemes given in the budget can improve the income of farmers and promote food security. Economic policies given in the budget can help in controlling inflation.

(7) FOOD SAFETY AWARENESS PROGRAMME

Date – On 06th August, 2024, taking reference of the letter of Regional Directorate, Ministry of Youth Affairs and Sports, Government of India, "Food Safety Awareness Program" was organized under the "100 Days Initiative Program," at Babasaheb Bhimrao Ambedkar University under the leadership of Program Officer Dr. Pranav Kumar Anand.

(8) PANCHPRANA PROGRAM

Date- On 07th August, 2024, taking reference of the letter of Regional Directorate of Youth Affairs and Sports Ministry and National Service Scheme, a poster and essay program on the topic of pride in our heritage and legacy was organized on the "Panchpran Program" under the "100 Days Initiative Program," at Babasaheb Bhimrao Ambedkar University under the supervision of Program Officer Dr. Narendra Singh.

Main objectives of the programme: To promote pride and awareness of the heritage and legacy of the country among the people so that they understand its importance and respect it.are to promote pride and awareness of the country's heritage and heritage among people, so that they understand its importance and respect it. Through these objectives, the country's heritage and heritage awareness program can play an important role in promoting the feeling of patriotism and national pride among people.

(9) "HAR GHAR TIRANGA ABHIYAN" AND THE HORROR OF PARTITION

Date- On 14th August, 2024, taking reference of the letter of National Service Scheme Special Executive Officer and State Liaison Officer, Government of Uttar Pradesh, "Har Ghar Tiranga Abhiyan and Partition Vibhishika Program was organized at Babasaheb Bhimrao Ambedkar University. Under this program, rally, rangoli competition and street play were organized under the leadership of Program Officer Dr. Arpit and Dr. Narendra Singh.

Main objectives of the program: Promoting national pride the tricolor is a symbol of our national pride. Hoisting it at every home will promote national pride. Awakening the spirit of patriotism among the citizens of the country: The tricolor will help in awakening the spirit of patriotism among the citizens of our country. The aim is to encourage hoisting the tricolor at every home, so that the spirit of patriotism can be awakened and the message of unity can be given. Under this program, people are encouraged to hoist the tricolor at their homes, so that they can demonstrate pride and respect towards their country. Apart from this, efforts should also be made to spread awareness about the importance and history of the tricolor under this program.

(10) CYBER SECURITY AWARENESS

Date – On 22nd August, 2024, taking reference of the letter of the Regional Directorate of Youth Affairs and Sports, Ministry of Government of India, at Babasaheb Bhimrao Ambedkar University, under the "100 Days Initiative Program," "Cyber Security Awareness Program" was organized in collaboration with the Department of Technology under the leadership of Program Officer Dr. Meena Vishweshwar.

The main objectives of this program are: To protect digital information and systems from unauthorized access, use, disclosure, disruption, alteration, or destruction. The objectives of cyber security include.

Keynote speaker Dr. Pawan Kumar Chaurasia said - Cyber security is an important topic that is essential to ensure the security of computer systems, networks and data. Some important aspects of cyber security are:

1. Network security: Using firewalls, VPNs, and other security tools to protect the network from unauthorized access.

2. Data security: Using encryption and backups to protect the confidentiality and integrity of data.

3. Endpoint security: Using antivirus and antimalware to ensure the security of computers and mobile devices.

4. Application Security: Using secure coding and testing to ensure the security of software and applications.

(11) NUTRITION MONTH CAMPAIGN "NUTRITION AS WELL AS EDUCATION"

Date- On 10th September, 2024, taking reference of the letter of Regional Directorate of Youth Sports Program and Sports Ministry and National Service Scheme at Babasaheb Bhimrao Ambedkar University, under the "Poshan Abhiyan Awareness Program," a lecture on Suposhit Adolescent Empowered Woman and Nutrition Bhi Padhai Bhi was organized by Dr. Naveen G. Halappa, Yoga Department, under the supervision of Program Officer Dr. Taruna.

The main objectives of this program are:

1. To prevent nutrition related disorders, such as malnutrition, anemia, and vitamin deficiency.

2. To eliminate malnutrition, so that the health of children and women can improve.

3. To promote healthy diet, so that people can be saved from nutritional deficiency.

4. To educate the community, so that they can understand the importance of nutrition and improve their diet.

On nutrition and studies, Dr. Taruna said- Both nutrition and studies play an important role in the life of adolescent girls

(12) SWACHHATA ABHIYAN PROGRAM "SWACHHATA HI SEVA"

Date – From 17th September to 02nd October, 2024, under the Swachhata Abhiyan, Swabhaav Swachhata, Sanskar Swachhata Program was successfully organized under the leadership of all the program officers. Under this program, cleaning of the adopted village, cleaning of ponds and cleaning inside the university campus was organized.

Objective of Swachhata Hi Seva Program: To explain the importance of cleanliness and promote cleanliness. This program is committed to keeping the community clean.

(13) "YE DIWALI MY BHARAT WALI"

Date- From 27 October to 30 October, 2024, under the program Ye Diwali My Bharat Wali, programs like cleanliness, patient assistance in hospital, road safety, oath etc. were organized under the leadership of all program officers.

Objective of the program: The objective of the Diwali My Bharat Wali program is to celebrate the festival of Diwali as well as promote the spirit of patriotism and unity. Through this program, people are educated about the importance of Diwali as well as motivated to work for the unity and integrity of the country. Also, the objective of this program is to make people aware of their cultural heritage and inspire them to connect with their roots.

(14) NATIONAL UNITY DAY

On 31-10-2024, the birth anniversary of Sardar Vallabhbhai Patel was celebrated as National Unity Day by the Rashtriya Seva Yojana Cell of the University. In which the Rashtriya Seva Yojana Program Officer of the University, Dr. Meena V Raksha administered the oath to the volunteers to serve the nation with true spirit towards the country. This program was organized under the leadership of the program officers.
Objective of National Unity Day - To pay tribute to Sardar Patel, promote national unity and instill a sense of dedication towards the country. The main objective of celebrating this day is to make the citizens of the country aware about the importance of unity and inspire them to work for the unity and integrity of the country.

(15) CONSTITUTION DAY

On 26/11/2024, under the direction of the Ministry of Youth Affairs and Sports, the University National Service Scheme organized the Constitution Oath and Pad Yatra on the auspicious occasion of Constitution Day in which hundreds of volunteers participated.

(16) NATIONAL YOUTH DAY
Date- 13/01/2025, National Youth Day was celebrated by the National Service Scheme unit of B.B.A.U. University on the occasion of Swami Vivekananda's birth anniversary. In this program, National Service Scheme organized speech, essay and poster making competitions. In which volunteers of NSS units of the university and teachers along with NSS officers also participated in the program. In the program, the participating volunteers were honored by the Vice Chancellor of the University by giving certificates and medals to the winners.
Objective of the program- The objective of this program is to tell the young future generation of the country by the Government of India that life may be short or long but it should be dedicated to the motherland and the country. The country still remembers the impression that Swami Vivekananda ji left on foreigners through his statements in Chicago. We all would like the young generation of the country to follow the thoughts of Swami Vivekananda and make India's name shine on the world stage.
(17) TRAFFIC AWARENESS PROGRAM
Date- From 17/01/2025 to 23/01/2025, taking reference of the letter of National Service Scheme Special Executive Officer and State Liaison Officer, Government of Uttar Pradesh, in Babasaheb Bhimrao Ambedkar University, traffic awareness programs were organized by all the units at the intersections near the university. Which lasted for a week.
The main objectives of the program are:
1. To increase awareness about road safety.
2. To promote the observance of traffic rules.
3. To increase awareness to prevent road accidents.
4. To educate about traffic rules.
5. To increase cooperation and discipline among road users.

(18) VOTING DAY AWARENESS PROGRAM

On 23/01/2025, the units of University, National Service Scheme organized the Voter's Day Awareness Rally from K.D. Singh Babu Stadium to Hazratganj Square. 50 volunteers participated in it and made people aware through posters and slogans. The theme of the Voter's Day Awareness Rally was "Nothing like vote, we will definitely vote" NOTHING LIKE VOTING, I VOTE FOR SURE" In this program, Navdeep Rinwa, Chief Election Officer, Government of Uttar Pradesh addressed the program.

Voting Program Objective - The objective of this program was to motivate people to vote as much as possible so that they can leave all their work and become a part of this great work of democracy and choose a right representative for themselves.

Achievement of the NSS 2024-25- Sanskriti Jaiswal Unit-2 Volunteer participated in Republic Day Parade in Delhi which is a matter of pride for the University campus.

Special Camp 2024-25- 05 N.S.S units of University main Campus and 01 unit of Amethi Campus organized 7 days special camp in which 50 volunteers from each unit participated.

Remedial Coaching Programme (RCP)

The University Coaching Centre (RCP) provides following coaching schemes to students belonging to SC/ST/ Minority and OBC (non-creamy layer) candidates.

1. **Remedial Coaching Programme:** To improve academic skills and linguistic proficiency of the students of various subjects through RCP programs namely Spoken English and basic Computer training.

2. **NET Coaching:** In order to ensure that more and more SC/ST/ Minority and OBC (non-creamy layer) candidates become eligible to apply for teaching posts.

3. **Coaching for Entry in service:** To prepare students belonging to SC/ST/OBC (non-creamy layer) and Minority communities to get gainful employment in Group 'A', 'B' or 'C' Central services, State services or equivalent positions in the private sector.
4. **Objectives of the various coaching schemes**
   i. To offer quality coaching program to the aspirants belonging to SC/ST/ Minorities and Women category.

   ii. To improve the academic skills and linguistic proficiency of the students in various subjects.

   iii. To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.

   iv. To strengthen their knowledge, skills and attitude in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently and to reduce their failure and dropout rate.

   v. To provide career guidance and psychological counselling for capacity building to those who are in need of such counselling.

5. **Future Plans: -**
   i. Orientation Program for UGC NET/JRF: -
   a. This program aims to guide students in the right direction for preparing for the UGC NET/JRF examination. It will provide insights into the exam pattern, syllabus, preparation strategies, and relevant study resources to encourage students to pursue higher education and research.
   ii. Soft Skills Training Program: -
   a. This session will focus on developing essential professional skills among students such as communication skills, leadership, teamwork, time management, and interview techniques, thereby enhancing their career readiness.

iii. Personality Development Program: -

a. The objective of this program is to help students build confidence, develop a positive attitude, adopt professional behaviour, and improve their overall emotional and social intelligence.

6. Advisory Committee of RCP: An advisory committee has been formed recently to ensure effective implementation of schemes for the eligible students.

i.	Vice Chancellor	Chairman
ii.	Prof. s. Victor Babu	Member
iii.	Prof. K.L Mahawar	Member
iv.	Prof. Narendra Kumar	Member
v.	Prof. M.L. Meena	Member
vi.	Prof. Deepa Raj	Member
vii.	Prof. M. Ravi Kumar Vejendala (Coordinator,RCP)	Member Secretary

7. Administration Staff of RCP

S. No.	Name	Designation	Qualification	Specialization
1.	Prof M. Ravi Kumar Vejendala	Coordinator	MA, Ph.D.	Modern indian History, Environmental History, Tribal History, Dalit History, History, of Medicine
2.	Dharmendra	D.E.O. cum MTS (half Day) (outsourcing)	Graduation, CCC,	MS Office, Hardware, Software and Typing.

8. Facilities available at the center:

Registered students can avail library and internet facility for necessary information at the Centre.

9. Details of No- Dues issued by RCP (2024-25)

Sl. No.	Name of the Department	No. of No- Dues issued
1	All University departments	1520 No- Dues Certificates has been issued by the Centre so far.

10. Details of the fund allocated for session 2024-2025 for various coaching programs

Sl. No.	Name of the account head	Fund Allocated (Rs. in Lakhs)
1	Remedial Coaching for SC/ST/OBC(Non-Creamy layer) and Minority Community Students	NIL

2	Entry Into Service for SC/ST/OBC (Non-Creamy layer) and Minority Community Students	NIL
3	Coaching for NET for SC/ST/OBC (Non-Creamy layer) and Minority Community Students	NIL
	Total = NIL	

11. Expenditure details for the session 2024-2025

Amount spent from 1st April 2024 to 31st March 2025.

Sl. No.	**Name of the Head**	**Expenditure in Rs.**
1	Spoken English Program	NIL
2	Computer Coaching Program	NIL
3	NET Coaching Program	NIL
4	Advance Imprest for RCP	NIL
5	Telephone bill for RCP	NIL
6	Honorarium for Coordinator RCP	NIL

Office of Proctor

1. Introduction

Babasaheb Bhimrao Ambedkar University (A Central University) established the **office of Proctor** under the **provision of university act 1994**, **No. 53 of 1994**, which came into force from **10.01.1996** and was notified **February 1997**. The Proctor is a statutory officer of the University and head of the Proctorial board. The primary objectives of the Proctorial board are enforcing discipline and controlling the law and orders of the student community. The Proctor office comprises the Proctorial board, Anti-ragging committee, Anti-ragging squad and Anti-ragging cell as the primary committee to control discipline. Thus, the office of Proctor constituted three-tier organizations, i.e. Proctorial board, the second tier of Security officer, the third tier is the outsourced Security Staff with supervisor, guards and chowkidars. The University has two campuses, i.e. main campus at Lucknow and the satellite campus at Amethi. The office of Proctor has to ensure discipline for maintaining law and order and total security to both campuses of the University.

2. Committees and Sub-Committees Constitute by Board:

Proctorial Board has three active sub committees. The detail of committee is as below:

PROCTORIAL BOARD

S. No.	Name of Member (s)	Designation	Contact No./Email Id
1.	Prof. M.P. Singh	Proctor	7985625310, mpsinghdlis@gmail.com
2.	Prof. Raj Sharan Shahi	Dy. Proctor	9450482196, rajsharanshahi@gmail.com
3.	Prof. Shalini Agarwal	Dy. Proctor	9411195938, drshaluagarwal@gmail.com
4.	Dr. Anis Ahmad	Asstt. Proctor	9453287957, anisbbau@gmail.com
5.	Dr. Rachana Gangwar	Asstt. Proctor	9648434415, rachanagangwar17@gmail.com
6.	Dr. Dhirendra Pandey	Asstt. Proctor	9453170609, prof.dhiren@gmail.com
7.	Dr. Balraj Singh	Asstt. Proctor	9457166920, balraj.bits@gmail.com
8.	Dr. Anshul Agarwal	Asstt. Proctor	9910119013, agw.anshul@gmail.com
9.	Dr. Brajesh Kumar	Asstt. Proctor	7518402301, bksocio@gmail.com
10.	Dr. Manoj Kumar	Asstt. Proctor	9758558385, mkjnuiitr@gmail.com
11.	Dr. Monica Sharma	Asstt. Proctor	9717386785, monashimla@gmail.com
12.	Dr. Sangeeta Chauhan	Asstt. Proctor	9935266721, c.sangita27@gmail.com
13.	Dr. Lata Bajpai Singh	Asstt. Proctor	9899666257, drlatabajpai@gmail.com
14.	Dr. Shiv Shankar Yadav	Asstt. Proctor	9450568073, shivshankar5jul@gmail.com
15.	Dr. Renu Pandey	Asstt. Proctor	8090712312, renupandeybbau@gmail.com
16.	Dr. Ravi Shankar Verma	Asstt. Proctor	9453966994,ravihort.009@gmail.com
17.	Dr. Vibhooti Narayan	Asstt. Proctor	7839143385, vnarayanbhu@gmail.com
18.	Dr. Bheem Sonkar	Asstt. Proctor	9451265577, bheemsonker@gmail.com

19.	Dr. Manoj Kumar Dhadwal	Asstt. Proctor & Convener	7376209992, bbausportssection@gmail.com

Anti-Ragging Committee

S. No.	Name of Member	Designation	Contact No./Email id
1.	Prof. Shilpi Verma	Chairperson	9450110690, shipoo.lko@gmail.com
2.	Dr. O. P. B. Shukla	Member	9450209517, opbshukla4@gmail.com
3.	Dr. Neetu Singh	Member	9336458933, neetubbau@gmail.com
4.	Dr. Rajshree	Member	8562988463, rajshree.bbau2009@gmail.com
5.	Dr. Taruna	Member	9415765841,drtaruna@gmail.com
6.	Dr. Pradeep Kumar	Member	9415992968,pradeepbbau@gmail.com
7.	Dr. Brajesh Kumar	Member	7518402301,bksocio@gmail.com
8.	Dr. Ramesh Chandra	Member	9956509449,ramesh.luphy@gmail.com
9.	Dr. Manoj Kumar	Member	9758558385 mkjnuiitr@gmail.com
10.	Dr. Khem Bahadur Thapa	Member	9450871807, khem.bhu@gmail.com
11.	Dr. Mujibur Rehman	Member	7084459912,m.rehmanbbaulaw@gmail.com
12.	Dr. Sangeeta Chauhan	Member	9935266721, c.sangita27@gmail.com
13.	Dr. Baljeet Kumar Srivastava	Member	9451087259, drbaljitsrivastava@gmail.com
14.	Dr. Kunwar Surendra Bahadur	Member	8005228697, ksbahadurvns@gmail.com
15.	Dr. Amit Kumar Singh	Member	9873306857,amit.scss@gmail.com
16	Dr. Ajay Singh Kushwaha	Member	7805016632,mahakal.ajay@gmail.com
17	Dr. Arpit Shailesh	Member	9453029113, arpit.shailesh1992@gmail.com
18	Dr. Sudarshan Chakradhari	Member	9935427700, schakradhari1987@gmail.com
19	Dr. Ravi Shankar Verma	Member & Convenor	9453966994,ravihort.009@gmail.com

Anti-Ragging Squad

S. No.	Name of Member	Designation	Contact No./Email id
1.	Prof. M.L. Meena	Chairperson	9651893336,maheriari@rediffmail.com
2.	Dr. O. P. B. Shukla	Member	9450209517, opbshukla4@gmail.com
3.	Dr. Neetu Singh	Member	9336458933, neetubbau@gmail.com
4.	Dr. Rajshree	Member	8562988463, rajshree.bbau2009@gmail.com
5.	Dr. Taruna	Member	9415765841,drtaruna@gmail.com
6.	Dr. Pradeep Kumar	Member	9415992968,pradeepbbau@gmail.com
7.	Dr. Brajesh Kumar	Member	7518402301,bksocio@gmail.com

8.	Dr. Ramesh Chandra	Member	9956509449,ramesh.luphy@gmail.com
9.	Dr. Manoj Kumar	Member	9758558385 mkjnuiitr@gmail.com
10.	Dr. Khem Bahadur Thapa	Member	9450871807, khem.bhu@gmail.com
11.	Dr. Mujibur Rehman	Member	7084459912,m.rehmanbbaulaw@gmail.com
12.	Dr. Sangeeta Chauhan	Member	9935266721, c.sangita27@gmail.com
13.	Dr. Baljeet Kumar Srivastava	Member	9451087259, drbaljitsrivastava@gmail.com
14.	Dr. Kunwar Surendra Bahadur	Member	8005228697, ksbahadurvns@gmail.com
15.	Dr. Amit Kumar Singh	Member	9873306857,amit.scss@gmail.com
16	Dr. Ajay Singh Kushwaha	Member	7805016632,mahakal.ajay@gmail.com
17	Dr. Arpit Shailesh	Member	9453029113, arpit.shailesh1992@gmail.com
18	Dr. Sudarshan Chakradhari	Member	9935427700, schakradhari1987@gmail.com
19	Dr. Ravi Shankar Verma	Member & Convenor	9453966994,ravihort.009@gmail.com

Anti-Ragging Cell

S. No.	Name of Member	Designation	Contact No./Email id
1.	Dr. O. P. B. Shukla	Chairperson	9450209517, opbshukla4@gmail.com
2.	Dr. Neetu Singh	Member	9336458933, neetubbau@gmail.com
3.	Dr. Rajshree	Member	8562988463, rajshree.bbau2009@gmail.com
4.	Dr. Taruna	Member	9415765841,drtaruna@gmail.com
5.	Dr. Pradeep Kumar	Member	9415992968,pradeepbbau@gmail.com
6.	Dr. Brajesh Kumar	Member	7518402301,bksocio@gmail.com
7.	Dr. Ramesh Chandra	Member	9956509449,ramesh.luphy@gmail.com
8.	Dr. Manoj Kumar	Member	9758558385 mkjnuiitr@gmail.com
9.	Dr. Khem Bahadur Thapa	Member	9450871807, khem.bhu@gmail.com
10.	Dr. Mujibur Rehman	Member	7084459912,m.rehmanbbaulaw@gmail.com
11.	Dr. Sangeeta Chauhan	Member	9935266721, c.sangita27@gmail.com
12.	Dr. Baljeet Kumar Srivastava	Member	9451087259, drbaljitsrivastava@gmail.com
13.	Dr. Kunwar Surendra Bahadur	Member	8005228697, ksbahadurvns@gmail.com
14.	Dr. Amit Kumar Singh	Member	9873306857,amit.scss@gmail.com
15.	Dr. Ajay Singh Kushwaha	Member	7805016632,mahakal.ajay@gmail.com
16.	Dr. Arpit Shailesh	Member	9453029113, arpit.shailesh1992@gmail.com
17.	Dr. Sudarshan Chakradhari	Member	9935427700, schakradhari1987@gmail.com
18.	Dr. Ravi Shankar Verma	Member& Convener	9453966994,ravihort.009@gmail.com

i. Proctorial Board has Seven Sub-Committees: -

ii. Anti-Ragging Cell and Anti-Ragging Squad has seven Sub-Committee for 24X7: -

iii. Three Sub-Committee has constituted for Girls & Boys Hostel: -

3. Profile of the Proctor

Name	**:**	**Prof. M. P. Singh**
Designation	:	Proctor
Qualification	:	Ph.D. (LIS), M.com, M.B.A., M.Sc. (IT) & MLIS.
Teaching & Research Experience	:	25+ Yrs
Research Interest	:	• Bibliometric Study, Scientometric Analysis • User studies, etc
Ph.D. Students guided	:	18
Contact	:	+91- 94159 51864

Special Cell for the welfare of Scheduled Caste & Scheduled Tribes (SC/ST Cell)

1. Objectives

i. To implement the reservation policy of GOI/MHRD/UGC/BBAU for SC/ST in the University.

ii. To collect the data regarding the implementation of the policies in respect of admissions, appointments to teaching and non-teaching positions in the University, and analyse the data showing the trends and changes towards fulfilling the required quota.

iii. To take follow up measures for achieving the objectives and targets laid down for the purpose by the Government of India and the UGC.

iv. To implement, monitor and evaluate continuously the reservation policy in University and plan measures for ensuring effective implementation of the policy and programme of the Government of India.

2.Composition of SC/ST Cell

i. Prof. Rajesh Kumar
Lision Officer

ii. Prof. Sartik Bagh
Anti-Discrimination officer

iii. I/C Sc/St Cell

iv. Research cum Statistical Officer

v. Research Assistant

vi. Data Entry Operator

vii. Attendant

3. Constitution of Advisory Committee for Welfare of Scheduled Castes/Scheduled Tribes
with effect from 21/08/2023

S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. Rajesh Kumar	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. V. Elangovan	Member
5.	Prof. L.C. Mallaiah	Member
6.	Prof. B. S. Bhadauria	Member
7.	Prof. Jaya Shrivastava	Member

8.	Prof. Sartik Bagh	Member
9.	Dr. Rajesh Kumar	Member
10.	Dr. Manjari Raj Oraon	Member
11.	Shri Gokaran Prasad	Member
12.	Incharge (SC/ST Cell)	Convener/Member -Secretary

4. **Constitution of Advisory Committee for PWD with effect from 21/08/2023**

S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. B. B. Malik	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. Rajesh Kumar	Member
5.	Prof. Sanatan Nayak	Member
6.	Prof. Sanjeev Kumar Chadha	Member
7.	Prof. B. S. Bhadauria	Member
8.	Prof. Shikha	Member
9.	Dr. Loknath	Member
10.	Dr. Brajesh Kumar Singh	Member
11.	Dr. Vivek Nath Tripathi	Member
12.	Dr. Yusuf Akhter	Member
13.	Shri Salahuddin Khan	Member
14.	RSO	Convener/Member -Secretary

5. **Constitution of Advisory Committee for OBC with effect from 21/08/2023**

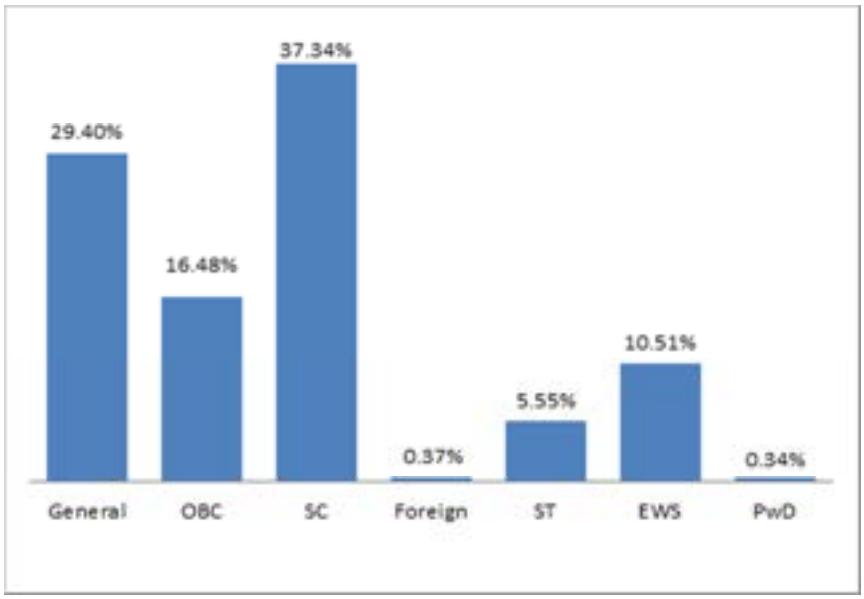
S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. Sanatan Nayak	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. Rajesh Kumar	Member
5.	Prof. B. S. Bhadauria	Member
6.	Prof. Bal Chandra Yadav	Member
7.	Prof. M. Ravi Kumar Vejendala	Member
8.	Dr. B.S. Gupta	Member
9.	Dr. Sufiya Ahmed	Member
.10.	Dr. Preety Choudhari	Member
.11.	Shri B. K. Kashyap	Member
.12.	RSO	Convener/Member -Secretary

6. Statistical Data: -

i. Total Enrollment During 2024-25

	Diploma	UG	PG	5 Years Integrated	M.Tech	Ph.D.	Grand Total
General	53	647	775	48	8	203	1734
OBC	1	403	449	30	3	86	972
SC	8	957	898	93	12	234	2202
ST	1	110	170	3	1	42	327
EWS	0	262	292	23	3	40	620
PwD	0	2	14	0	0	4	20
Foreign	0	1	3	0	0	18	22
Total	**63**	**2382**	**2601**	**197**	**27**	**627**	**5897**

ii. Category wise Students Admission (in percent)



iii. Detail of Hosteller Students (2024-25)

Hostel Type	No. of Rooms in the University Hostels	No. of Residents in the University Hostels	Gen	SC	ST	OBC	EWS	PwD	TG	Foreign	Total
Boys Hostel	303	407	107	159	42	42	36	17	0	4	407
Girls Hostel	481	658	205	243	51	77	77	5	0	0	658
Grand Total	**784**	**1065**	**314**	**401**	**93**	**118**	**113**	**22**	**0**	**4**	**1065**

7. Status of U.P. Post-Matric Scholarship and fee reimbursement online applications forwarded during 2024-25 to the Social Welfare Office, Lucknow (in nos.)

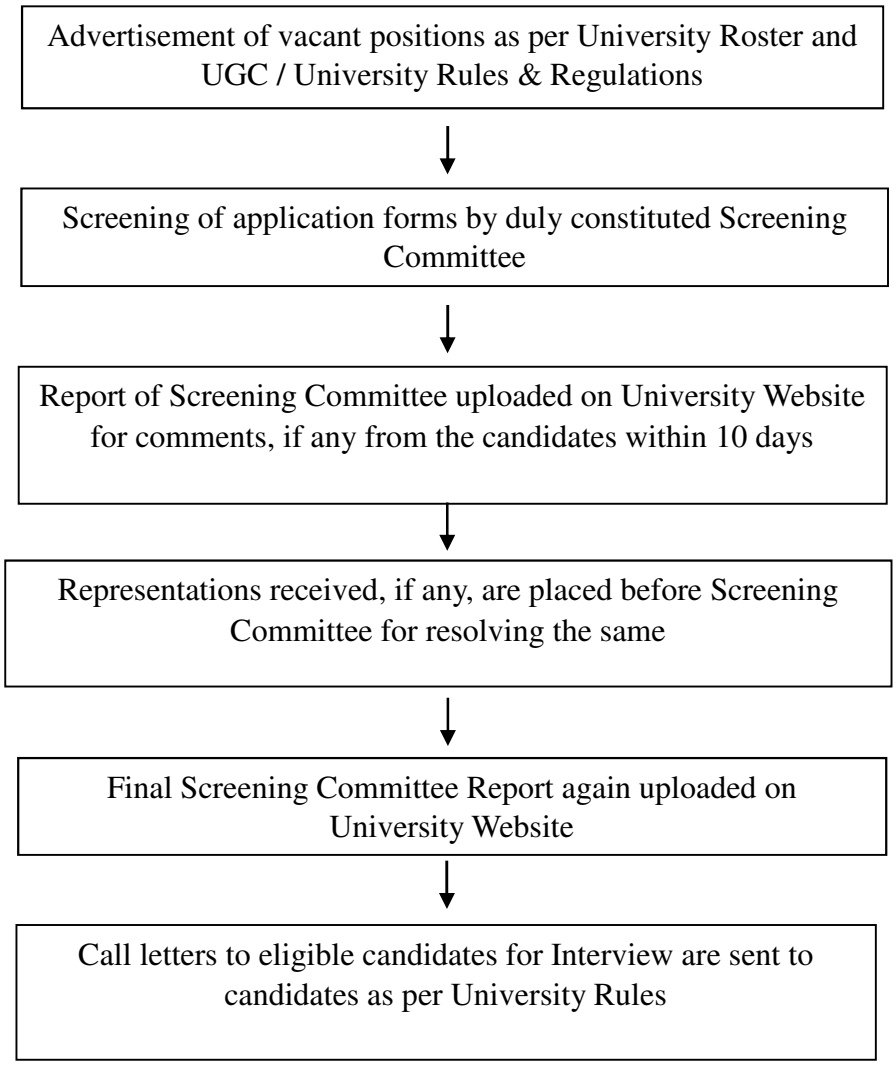
	General	SC	ST	OBC	Minority	Total
Total applications Forwarded by the University to DIOS	606	932	18	395	65	**2016**

8. Status of various facilities being provided to the SC/ST and PWD students of the University

i. University is providing 50% reservation as provided in Academic Ordinance of this University gazetted in official Gazette of India.
ii. Separate Gold Medal is being provided to the topper among SC/ST students at PG level in each department to encourage the students of these categories.
iii. Financial assistance of @ Rs. 2000/- is being provided to SC/ST students at Post Graduate level for preparation of dissertation.

Recruitment and Assessment Cell

1. The Recruitment Cell of the University was renamed as Recruitment and Assessment Cell in September 2023.
2. The Recruitment and Assessment Cell of the University is handling the activities related to recruitment of teaching and non-teaching positions under Direct Recruitment and assessment for promotion of teachers under Career Advancement Scheme (CAS) of UGC.
3. The process of Recruitment is digitalized through SAMARTH portal of Ministry of Education since 2020. The application forms for vacant positions are invited online and screening work is done online on SAMARTH Portal by the screening committee members.
4. The procedure followed for appointment on vacant teaching and non-teaching positions is fully transparent and is as below:



EMRC (Media Centre)

The Media Centre, EMRC Lucknow, was established with the aim of producing and disseminating audio-visual and multimedia programmes, conducting relevant research, training skilled manpower, and fostering a culture that supports the effective use of electronic media and ICT in the university education system.

The centre is actively engaged in developing a wide range of teaching-learning resources, grounded in research and innovative course design. Currently, it is producing two MOOCs, and by August, two additional MOOCs related to Hindi language and literature are expected to be assigned to the centre for production. These MOOCs will be broadcast on the SWAYAMPRABHA channel.

In addition to this, the centre has also made significant contributions in the past through the production of educational documentaries, science-toons, and e-lectures.

1. Media Centre Staff:

Director (i/c)- Professor Gopal Singh, Dean, School of Media & Communication, BBAU, Lucknow

Associate Director- Dr. Mahendra Kumar Padhy, Associate Professor, Department of Mass Communication & Journalism

Media Centre has a working strength of six regular employees-

i. Anurag Kumar, Cameraperson
ii. Durgesh Maurya, Cameraperson
iii. Abhilash Das, Cameraperson
iv. Mayank Thapliyal, Production Assistant
v. Anoop Kumar, Production Assistant
vi. Arun Verma, Unit Peon

2. Work Progress:

In the year 2024-25 the centre has produced the following programmes for SWAYAMPRABHA channel-

i. The Media Centre, BBAU Lucknow, in collaboration with the School of Home Science, is producing a 4-credit MOOC on Human Nutrition, comprising 80 modules. The recording of these modules is nearing completion.

ii. Additionally, the Centre is producing a 5-credit MOOC on Hindi Literature in partnership with the Department of Hindi, BBAU. The recording process for this course is currently underway.

3. Training and Workshops:

The Media Centre, BBAU Lucknow, in collaboration with the Consortium for Educational Communication (CEC), New Delhi, organized a two-day National workshop (Dated-27-28 March, 2025) on 'Artificial Intelligence in Digital Education' for teachers and learners sponsored by the CEC, New Delhi.

4. Future Prospects and Plannings:

Expression of Interest for Producing MOOCs- The Media centre has developed following Expression of Interest for the production of MOOCs-

i. The Hon'ble Vice-Chancellor of BBAU, Lucknow has shown keen interest in developing a MOOC on the subject 'Indian Knowledge System and Environment'. A response from the University Grants Commission (UGC), New Delhi regarding this proposal is currently awaited.

ii. Dr. Mahendra Kumar Padhi, Associate Professor, Department of Mass Communication and Journalism, BBAU Lucknow, has submitted a proposal for the development of a 4-credit Undergraduate-level MOOC titled 'Environmental Communication'.

iii. Prof. R.P. Gangwar has applied for the development of a MOOC in the field of Hindi Literature titled 'पाश्चात्य काव्यशास्त्र।'

iv. Dr. Shivshankar Yadav, Assistant Professor, Department of Hindi, BBAU Lucknow, has submitted proposals for two MOOCs on Hindi Literature on the subject titled- 'भाषा विज्ञान और हिन्दी भाषा' and हिन्दी की सांस्कृतिक पत्रकारिता।

v. Professor Baljeet Kumar Shrivastav, Department of Hindi has submitted proposal for a MOOC on 'लोक साहित्य।'

The Media Centre is currently awaiting approval from the competent authorities—UGC and CEC, New Delhi—on the expressions of interest submitted for the above-mentioned MOOC proposals.

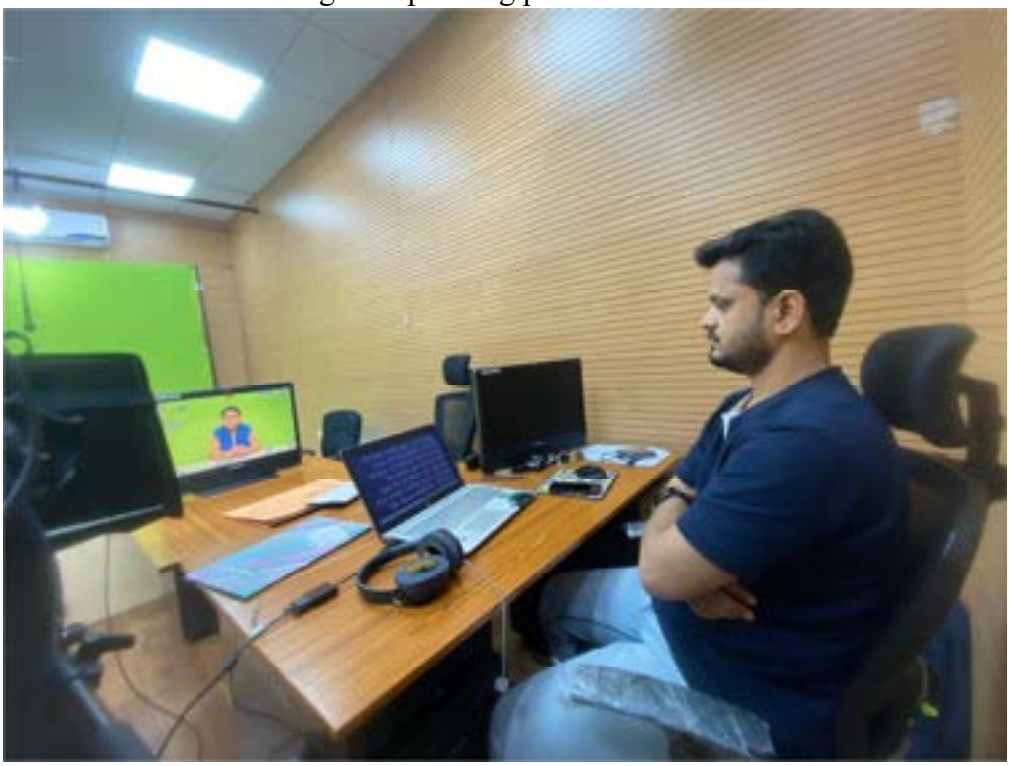
5. Beneficiaries:

The primary beneficiaries of the Media Centre's initiatives are students, educators, and lifelong learners across the country. These MOOCs and educational resources aim to enhance access to quality content, promote inclusive learning, and support the National Education Policy's digital learning objectives. Faculty members also benefit through opportunities for content creation and academic engagement. The initiatives further strengthen the digital infrastructure of the university system.

i. Prof. Ram Pal Gangwar recording his lecture for MOOC on Hindi Literature for SWAYAMPRABHA channel.



ii. Recording Set up during production of MOOC:



iii. Dr. Poonam Sharma, Professor, Department of Food and Nutrition, Integral University delivering her lecture for the MOOC on Human Nutrition (in picture recording session).



iv. Prof. Raj Kumar Mittal, Honorable Vice Chancellor, BBAU, Lucknow during a Recording session of an Expression of Interest for MOOC on Indian Knowledge system.



v. Subject Expert from the field of Artificial Intelligence giving their deliberation on topic. Images from the Workshop on Artificial Intelligence in Digital Education.





Sports Section

Babasaheb Bhimrao Ambedkar University, Lucknow striving for academic excellence, and at the same time sponsoring varieties of activities that would contribute to the wholesome development of personality and promote health among students. Sports and Games are one such area promoted by the University with an intention of ensuring Physical, Mental and Emotional Health of the Student Community. For the smooth conduct of the intramural and extramural sports programme of the university, the Sports Section was established by the University in the year 2007.

The Sports Section caters to the Sports needs of students from all Departments' and Schools of the BBAU.

1. Objectives:

- **i.** To promote students' sports participation and to create awareness about the benefits of Physical Education & Sports and to spread Sports Culture among students.
- **ii.** To search Sports Talent at the School/Departmental level and to groom them as better performers.
- **iii.** To Project the Potentials of University by organizing National Level Tournaments.
- **iv.** To provide Incentives and bestow Awards to Sportspersons to maintain sustained interest among students to participate and perform progressively.
- **v.** To involve Alumni, N.R. I's & other Sports Agencies for raising funds for the Development of Sports Infrastructure.
- **vi.** To initiate measures to evolve Group/Individual Accident Insurance Scheme for Sportspersons taking part in the Inter-University Competitions.
- **vii.** To Develop Adequate and Standard Sports Infrastructure Facilities like Playing Fields, Gymnasium, Swimming Pool, Track & Field, and procure Quality Equipment.
- **viii.** To provide Systematic Coaching Programme by involving Qualified & Competent Personnel to groom University Teams & Sports Talent.

2. Faculty (including guest/contract/inspired):

Dr. Manoj Kumar Dhadwal

3. Available facilities in the Department:

- **i.** 02 Volleyball Court, 01 Basketball Court,
- **ii.** 01 Football Ground, 02 Lawn Tennis Court,
- **iii.** 01 Badminton Court, 01Kabaddi Court,
- **iv.** 01 Kho-Kho Court, Gymnasium,
- **v.** Improvise Cricket and Track and Field,
- **vi.** 6 Table Tennis, Carrom and Chess Boards, 01 Aerobics Hall

.

4. Latest syllabus revision date (course wise): Presented New Curriculum for BPEd programme

5. Achievements of the faculties (faculty wise) in the last three years (publication reprints with impact factor, awards, recognitions, inspired fellowship, patents, conferences/ workshops attended etc.).: **01 Book, 07 Journals and 01 Patent.**

6. Events conducted for the academic year 2024-25

i. Physical and Sports Skill Test organised for PG admissions under Sports Quota, held on 16th August, 2024.
ii. Celebrated National Sports Day on 29th August 2024.
iii. Physical and Sports Skill Test organised for UG admissions under Sports Quota, held on 11th October, 2024.
iv. Celebrated 148 th Birth Anniversary of Sardar Vallabhbhai Patel Ji, 'National Unity Day 2023' and organized 'UNITY RUN/WALK'
v. Conducted Open Selection Trial for North-Zone Inter- University Tournament/AIU
vi. for selecting various teams of the BBAU.
vii. Conducted Open Selection Trial for North-Zone Inter-University Tournament/AIU for selecting various teams of the BBAU.
viii. Organised Inter-School Sports Events 2024-25 (Part-1) from 12th Nov to 25th Nov, 2024.
ix. BBAU Volleyball Team participated in North Zone Intervarsity Men's Volleyball held at Gurukul Kangri Vishwavidyalaya, Haridwar from 21st November to 26th November 2024
x. BBAU Football Team participated in Central Zone Intervarsity Men's Football to be held at CSJM University, Kanpur, U.P. from 22nd November to 28th November 2024
xi. BBAU Basketball Team participated in North Zone Intervarsity Men's Basketball Tournament 2024-25 held at Kurukshetra University, Kurukshetra (HR) from 24th November to 30th November 2024
xii. BBAU Kho-Kho Team participated at North Zone Women's Inter University Kho-Kho Championship held at LPU, Jalandhar from 05th Dec. to 8th Dec. 2024.
xiii. Conducted Open Selection Trial for North-Zone Inter-University Tournament/AIU for selecting Cricket Men's team of the BBAU.
xiv. BBAU Cricket Team participated in North Zone Intervarsity Men's Cricket held at University of Delhi, Delhi from 10th February to 19th February 2025
xv. Organised Inter-School Sports Events 2024-25 (Part-2) from 07th April to 15th April, 2024.
xvi. On Birth Anniversary of Bharat Ratna Babasaheb Bhimrao Ambedkar ji, Sports Section organized "BHIM RUN/WALK".
xvii. BBAU in collaboration with SAI & PEFI organized "Sundays on Cycle" Fit India Movement on 15 June,2025

University Sophisticated Instrumentation Centre (USIC)

The University Sophisticated Instrumentation Centre (USIC) is established as a central laboratory facility and housed in the ground floor of the School for Environmental Science building. Its main objective is to provide services to all faculty, researchers and students of various departments in the University. This facility is also made available to the outside researchers and students on payment basis. Training programs and workshops/seminars are organized regularly for faculties, researchers and students to use and application of various instruments and analytical techniques for awareness among the users. The USIC has the following equipment:

1. Scanning Electron Microscope (SEM), Model: JSM 6490 LV, Make: JEOL, Japan
2. X-Ray Diffractometer (XRD), Model: D8 Advance Eco, Make: Bruker, Germany
3. Inverted Laser Scanning Confocal Microscope (ILSCM), Model: LSM900, Make: Zeiss, Germany
4. Preparative HPLC, Model: LC-20AP, Make: SHIMADZU, Japan
5. Fast Performance Liquid Chromatograph (FPLC), Model: AKTA 10, Make: GE-Healthcare Bio-Science, Hong Kong
6. Fourier Transform Infra-Red Spectrometer (FTIR), Model: Nicolet 6700, Make: Thermo-Scientific, USA

Apart from the above equipment the following minor equipment are available in USIC:

1. High Speed Centrifuge Machine (CM12-Plus Remi)
2. Vortex Mixer (CM101-Plus Remi)
3. Double Distillation Unit
4. Hot Air Oven, Deep Freezer (-40°C)
5. Deep Freezer (-40^{0}C)
6. Electrophoresis, UV Lamp
7. Ultrasonic cleaner
8. Microwave oven
9. Magnetic Stirrer with Hot Plat
10. Photoresist Spinner
11. Research Microscope
12. Refrigerator

1. Scanning Electron Microscope (SEM)

A Scanning Electron Microscope (JSM 6490) scans a focused electron beam over a surface to create an image. The electrons in the beam interact with the sample, producing various signals that can be used to obtain information about the surface topography and

composition. It can be use both under low & high vacuums depending on the nature of the specimens. Low vacuum with low kV (energy) provides the user the longer duration for scanning the material, the organic specimens, before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (INCA x-act) of OXFORD instruments, UK, which has enhanced the application range in a manner that any metal associated with the biological material or in isolation or in the form of alloy may be identified and also quantified. The SEM facility has also been supported with the two important preparatory units, viz., Sputter Coater of JEOL, Japan (JFC 1600, Auto Fine Coater) and Critical Point Dryer (CPD) Emitech K 850 of Quorum Technology of UK.



Figure 1. Scanning Electron Microscope of JEOL (JSM 6490 LV)

2. X-Ray Diffractometer (XRD):



Figure 2. X-Ray Diffractometer of Bruker (D8 Advance Eco)

X-ray diffraction (XRD) is a powerful technique for characterizing crystalline materials. It provides information on structures, phases, texture, and other structural parameters, such as average grain size, crystallinity, strain, and crystal defects. The system equipped with Goniometer, X-ray source, Tube housing, Mount, Sample holder and Detector with Optics and Slit systems. The system has DIFFRAC.EVA evaluation software, DIFFRAC.TOPAS software for diffractogram analysis and ICDD PDF-4 Axiom 2020 database.

3. Inverted Laser Scanning Confocal Microscope (ILSCM):



Figure 3. Inverted Laser Scanning Confocal Microscope of Zeiss (LSM900)

Inverted Laser Scanning Confocal Microscope is a fluorescence-imaging technique that produces exquisitely sharp optical sections through biological specimens by exciting a laser over the sample and collecting emission data, point by point, and reconstructed with a computer, allowing three dimensional reconstructions of topologically complex objects. The ILSCM (ZEISS, LSM 900) equipped with multichannel fluorescence imaging Z-stack, colocalization, time-lapse imaging. FRET, FRAP, Photo activation and conversion. It is

capable of highly sensitive spectral confocal imaging of fixed as well as live biological samples.

4. Preparative HPLC:

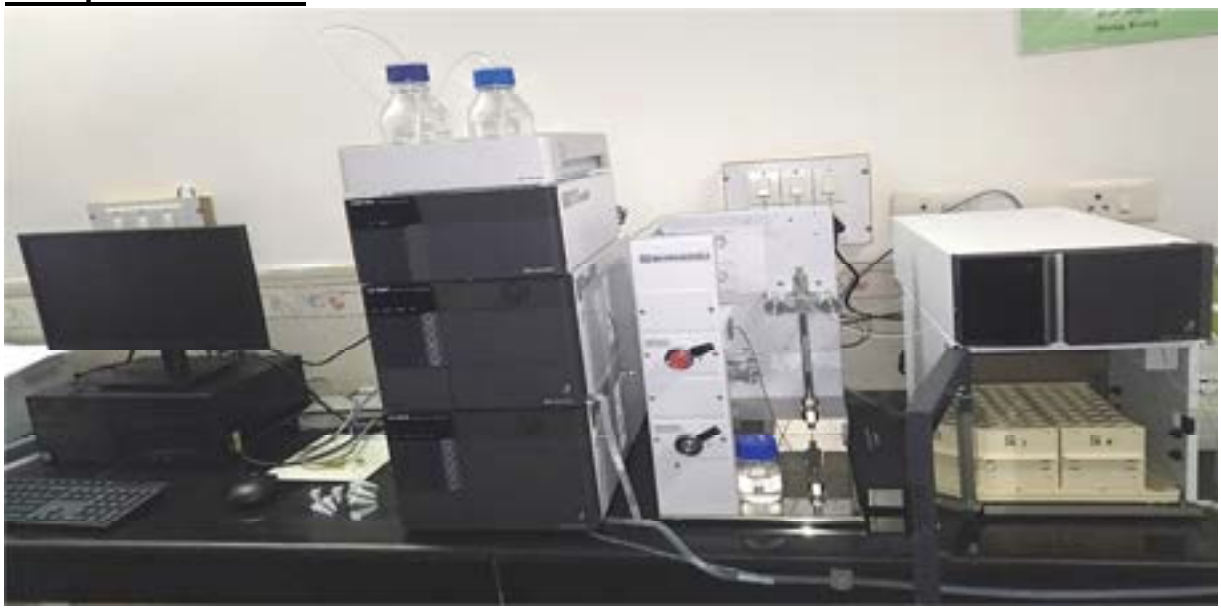


Figure 4. Preparative HPLC of SHIMADZU (LC-20 AP)

Prep HPLC is used to separate and refine high-purity target compounds from a mixed solution. It is used to fraction high-purity compounds required for subsequent evaluation, analysis, and processes in the shortest possible time. The Preparative HPLC (SHIMADZU, Model: LC-20 AP) equipped with SPD-M 40A Photodiode Array Detector which wavelength rage is from 190-800nm, CBM 20A system controller, Fraction collector FRC-10A, C18 & C8 column and LabSol ADD PDA connect CS ready software.

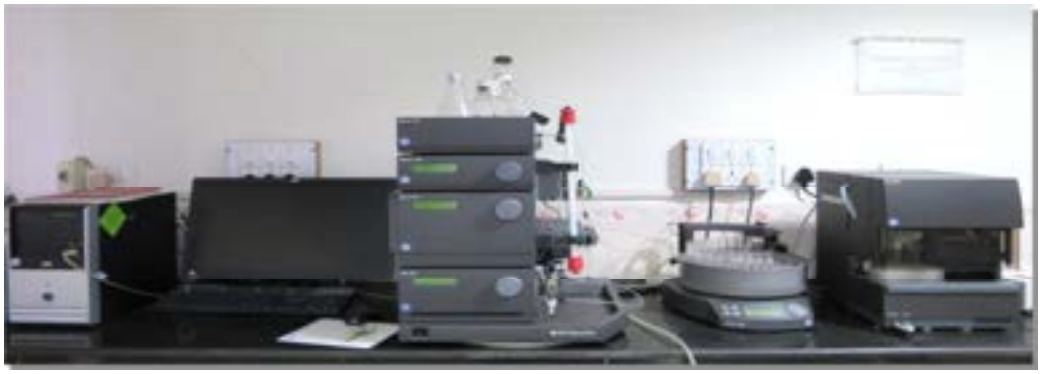


Figure 5. Fast Performance Liquid Chromatograph of GE-Healthcare

5. Fast Performance Liquid Chromatograph (FPLC):

Fast Performance Liquid Chromatograph (FPLC) is a form of medium pressure chromatography that is used to analyze or purify mixture of proteins and other biomolecules. The FPLC (main AKTA 10) has been provided with other accessories which include Sephadex G75, Sephacry1 S – 200, Deae Sepharose Fast FL, CM Sepharose fast flow short & long column holders, AKTA user kit etc. to make the facility of broader usage.

6. Fourier Transform Infra-Red Spectrometer (FTIR):

Fourier Transform-Infrared Spectroscopy (FTIR) is an analytical technique used to obtain an infrared spectrum of absorption or emission of organic (and in some cases inorganic) materials. The FTIR has been supplemented with an accessory called Attenuated Total Reflectance (ATR) to enhance the use and application of the instrument in way that with this facility any form of material, i.e., filmy/pellet; liquid, including liquids of flammable nature may be studied; rather that its limited use of getting spectra of the solids on the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.



Figure 6. Fourier Transform Infra-Red Spectrometer of Thermo-Scientific (Nicole 6700)

Usage of Instruments:

The sophisticated instruments are being used exhaustively by the research scholars and faculty members of the University. The details of the analysis are given below:

S. No.	Name of the Instrument	April 2024 to March 2025		
		Internal Users (INR)	External Users (INR)	Total (INR)
01	Scanning Electron Microscope	1,80,800/-	2,72,500/-	4,53,300/-
02	Fourier Transform Infra-Red Spectrometer	72,200/-	32,800/-	1,15,000/-
03	X-Ray Diffractometer	73,300/-	26,200/-	99,500/-
04	Prep HPLC	27,750/-	3,000/-	30,750/-
05	ILSCM	22,800/-	99,300/-	1,22,100/-
06	Photoresist Spinner	1150/-	1000/-	2150/-

Profile:

The USIC of the University has a Director/In-charge and an Advisory Committee consisting of 05 Professors of the science stream departments are also working.

Hands-on-Training/Workshop

University Sophisticated Instrumentation Center (USIC) is regularly organizing the Hands-on-Training/Workshop programme on instrumentation for students and faculty member of BBAU and Non BBAU.

For contact:

Prof. (Dr.) Bal Chandra Yadav

Director/In-charge

University Sophisticated Instrumentation Center (USIC)

Babasaheb Bhimrao Ambedkar University,

Vidya Vihar, Raibarelly Road, Lucknow, Uttar Pradesh

Mobile: 9450094590

Email: usicbbau@yahoo.com; bcyadava@bbau.ac.in

Information & Guidance Bureau

About I&GB Cell

1. **Committee for I&GB:**

Prof. Sangeeta Saxena (DBT)	Coordinator
Dr. Ravi Kumar Gupta (DEM)	Co-coordinator
Dr. V. M. Ravi Kumar (DH)	Member
Dr. Rashida Ather (HR)	Member
Dr. Jyoti Pandey (DAC)	Member
Dr. Pranav Kumar Anand (DE)	Member
Dr. Lata Bajpayee (DRM)	Member
Dr. Vineet Kumar (DLISc)	Member

2. **Overview**

As a yet another step in the continuous process of developing Babasaheb Bhimrao Ambedkar University, Lucknow to one of the best of its kind in the nation, it was decided to establish an Information and Guidance Bureau (I&GB) in the campus. In order to build the career, the students need to know what the options available are and where and how they can achieve it. In order to cater these precise needs of the students, the I&GB came into existence since 27.08.07 and is committed to do the needful for the benefit of the students, alumni and scholars of the campus. The Cell also caters to the need of society by organizing awareness campaigns on women, literacy, health and hygiene in slums and villages time to time.

In order to build their career, students need to know what the options available to them are and where and how they can achieve it. To cater to these precise needs of the students, the Information and Guidance Bureau (I&GB) was started in August 2007 and is committed to do the needful for the benefit of the students and alumni. The I & GB of the University is engaged in rendering meaningful services to the student community in matters of securing various placements matching with their qualification and aptitude, education loans, higher education, competitive exams, scholarship, fellowships and assistantships available in India and abroad.

The main function of the Bureau is to disseminate the Employment Information for various courses offered by the University. The students are explained about various job opportunities, qualifications, age limits, and scheme of competitive examinations and about higher education in India and abroad. Tasks of the bureau are to conduct Career Conferences where eminent personalities from different walks of life will address the students, collect and display various career-related information, provide handbooks of foreign Universities, newspapers, bulletin of sister bureau, Employment News and occupational information files for the reference of students. Further, it is also to render vocational guidance to the students individually or in groups and to collect and disseminate the occupational information, Training facilities, financial assistance available in India and abroad.

3. **Aims & Objective**

   i. **Career guidance:**

      a. To collect and disseminate information regarding scholarships, fellowships, training facilities, admission and various professions etc.
      b. To help the students with availability of various career guidance literature magazine at the bureau.

ii. **Information about Competitive examinations**
   a. To provide information on competitive examinations conducted by various Public Service Commission and other Governmental agencies

iii. **Information about Scholarships and higher education in foreign countries**
   a. To give information on various courses of higher studies in India and abroad

iv. **Employment Guidance & Assistance**
   a. To register post-graduate students and other University alumni for general as well as professional streams for employment assistance as and when suitable opportunities arise.

v. **Employment and Business information**
   a. To help the University Placement cell in organizing campus interviews

vi. **Self-Employment**
   a. To impart vocational guidance to the students
   b. To get enterprising unemployed youths acquainted with the facilities and incentives under self-employment scheme for the Registered unemployed.

vii. **Personal Guidance**
   a. Making the students understand their own personality traits. And making them aware of their interest, aspirations, aptitude, strengths and weaknesses.
   b. Solution of specific personal problems of students.

Apart from above, students also receive constant academic counselling from the teachers at the departmental level.

4. Activities in 2024-2025
Activities organized by I&GB

i. **Topic: "Inspiring Young minds for global scholar program"**
Date &Time:24 Feb-2025, 11:00 AM
Venue: Conference Hall, SEES
Conclusions:
Information & Guidance Bureau organized a webinar on the above topic for the graduate, postgraduate and PhD scholars on the said date and time. The webinar was well received from the university students and they actively participated in the event. More than 40 students were present in the webinar. Below are the main highlights of the event:

a. Dr. Ravi Kumar Gupta, Co-Coordinator of I&GB welcomed the speaker Ms. Pooja Agarwal, Manager, HR, Iron System Inc. He also welcomed other faculty members, Prof. D. R. Modi and students present in the webinar.

b. Students from various departments of the BBAU were present in the webinar. Their names are present in the activity attendance register and photographs are attached herewith.

c. Ms. Pooja Agarwal started the lecture on the above topic and given very fruitful knowledge and information to the students about the interview skills, how to present yourself to the interviewer, how to defend yourself if you are not aware of the questions asked by the interviewers. She made the lecture very interactive by asking questions to the students.

d. She was very communicative with students and faculty members by answering the questions asked by the students about the job interview in various fields and how they can improve their communication skills.

e. The feedback that we received from the students is very interesting though thoughtful. Some students asked the speaker how we should start communication in front of interview panel, how we can get rid of the fear and how we can do the self-management.

f. Overall, it was very informative and enthusiastic webinar for the students of different departments of BBAU. Dr. Ravi Kumar Gupta had given the vote of thanks to the guest, students and concluded the seminar.

ii. Topic: "Solving the Enigma of Civil Services "

Date &Time: 10th Feb 2025, 11:00 AM

Venue: Conference Hall, SEES

Conclusions:

Information & Guidance Bureau of BBAU, Lucknow in collaboration with Institute for advanced studies (IFAS), Pune organized a webinar on the above topic for the graduate, postgraduate and PhD scholars on the said date and time. The webinar was well received from the university students and they actively participated in the event. Approx. 100 students were present in the webinar. Below are the main highlights of the event:

a. Dr. Ravi Kumar Gupta, Co-Coordinator of I&GB welcomed the speaker from IFAS, Resource person, IFAS, Pune. He also welcomed other faculty members and students present in the webinar.

b. Students from various departments of the BBAU were present in the webinar. Their names are present in the activity attendance register and photographs are attached herewith.

c. Resource person started the lecture on the above topic and given very fruitful knowledge and information to the students about the interview skills, how to prepare yourself for the exam, how to make schedule for your study. He made the lecture very interactive by asking questions to the students.

d. He was very communicative with students and faculty members by answering the questions asked by the students about the CSIR exam in various fields and how they can improve their marks.

e. The feedback that we received from the students is very interesting though thoughtful. Some students asked the speaker how we should start the preparation for CSIR exam and how many hours of study is needed for it.

f. Overall, it was very informative and enthusiastic webinar for the students of different departments of BBAU. Dr. Ravi Kumar Gupta had given the vote of thanks to the guest, students and concluded the seminar.

iii. Topic: "Inspiring Young Minds for UPSC"

Date &Time: 25-09-2024, 12:00 AM

Venue: SEES Conference Hall, BBAU

Conclusions:

Information & Guidance Bureau organized a seminar on the above topic for the graduate, postgraduate and PhD scholars on the said date and time. The seminar was well received from the university students and they actively participated in the event. More than 300 students were present in the seminar. Below are the main highlights of the event:

a. Prof. Sangeeta Saxena welcomed the speaker Dr. Poonam (SDM, Lucknow, and Mr. Abhishek Mishra, Faculty from Drishti IAS. She also welcomed other faculty members, I&GB committee members and students present in the Seminar.

b. Students from various departments of the BBAU were present in the seminar. Their name, contact details are present in the activity attendance register.

c. Mr. Abhishek Mishra started the lecture and given very fruitful knowledge and information to the students about the preparation of UPSC. Prof. Sangeeta Saxena welcomes the guest and handover the stage to Dr. Poonam. He boosts the moral of the students with his outstanding personality, and provided valuable information to compete in the exam. He emphasizes on discipline, hard work and consistency of study for UPSC. He told his journey from childhood to IPS how he cracked this exam and what are the key points to his success. It was an outstanding seminar in terms of excitement of the students and they asked many questions to the guest. Many students asked diversified questions about their hurdles and how to cope up with those hurdles in life and academic.

d. He was very interactive with students and faculty members by asking their choices and questions regarding their career progression.

e. The feedback that we received from the students were very interesting though thoughtful. Some students mentioned it as the wonderful and informative seminar.

f. Overall, it was very informative and enthusiastic seminar for the students of different departments of BBAU. Dr. Ravi Kumar Gupta, co-coordinator of the I&GB had given the vote of thanks to the guests, students and concluded the seminar.

iv. Topic: "Inspiring Young Minds for UPSC"

Date &Time: 12-08-2024, 11:00 AM

Venue: SEES Conference Hall, BBAU

Conclusions:

Information & Guidance Bureau organized a seminar on the above topic for the graduate, postgraduate and PhD scholars on the said date and time. The seminar was well received from the university students and they actively participated in the event. More than 300 students were present in the seminar. Below are the main highlights of the event:

a. Prof. Sangeeta Saxena welcomed the speaker Mr. Chaitanya Mishra, IPS (Batch: 2022) and Kumar Amit, Faculty from Drishti IAS. She also welcomed other faculty members, I&GB committee members and students present in the Seminar.

b. Students from various departments of the BBAU were present in the seminar. Their name, contact details are present in the activity attendance register.

c. Mr. Kumar Amit started the lecture and given very fruitful knowledge and information to the students about the preparation of UPSC. Prof. Sangeeta Saxena welcome the guest and handover the stage to Mr. Chaitanya Mishra. He boosts the moral of the students with his outstanding personality, and provided valuable information to compete in the exam. He emphasizes on discipline, hard work and consistency of study for UPSC. He told his journey from childhood to IPS how he cracked this exam and what are the key points to his success. It was an outstanding seminar in terms of excitement of the students and they asked many questions to the guest. Many students asked diversified questions about their hurdles and how to cope up with those hurdles in life and academic.

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f. Overall, it was very informative and enthusiastic seminar for the students of different departments of BBAU. Dr. Ravi Kumar Gupta, co-coordinator of the I&GB had given the vote of thanks to the guests, students and concluded the seminar.

Photos of the events:






CIVIL SERVICES
AWARENESS
Session






CIVIL SERVICES

Office of Dean Students' Welfare

The **Dean Students' Welfare (DSW)** section is dedicated to the overall welfare of students. Currently, the DSW manages **nine (09) hostels** on campus, providing accommodation primarily to meritorious and outstation candidates. These well-maintained hostels are equipped with essential facilities including a mess, recreation room, reading room, and opportunities for curricular and co-curricular activities. Each hostel is overseen by one administrative warden, supported by additional wardens based on the hostel's capacity. Girls' hostels are supervised by a matron available round the clock to ensure safety and support. The vibrant hostel environment fosters a comfortable and conducive atmosphere for students to pursue academic excellence. Furthermore, a **Student Council** is constituted annually, as per the university statute, to actively involve students in the smooth management of welfare activities and address student concerns.

The names of the Dean Students' Welfare and the team members are as follows:

- Prof. Narendra Kumar, DSW
- Prof. Sharad Kumar Sonkar, Dy.DSW (Men)
- Dr. Taruna, Dy.DSW (Women)
- Prof. Deepa Raj, ADSW (Allotment) (Women)
- Dr. Pawan Chaurasia (Allotment) (Men)
- Dr. Jawahar Lal Jat, ADSW (Maintenance) (Men)
- Dr. Shikha Tiwari, ADSW (Maintenance) (Women)
- Dr. Monica Sharma, ADSW (Cultural) (Women)
- Dr. Shiv Shankar Yadav (Cultural) (Men)
- One Data Entry Operator (DEO)
- One Multi-Tasking Staff (MTS)

Key Social and Welfare Activities Undertaken by the DSW and Its Team

i. The hostel morning exit time for girls was changed from 6:30 AM to 5:30 AM.
ii. A Vice Chancellor's discretionary fund was established and distributed to financially needy students.
iii. 100% of out-of-state students were successfully allotted hostel accommodation.
iv. Preference was given to PwBD (Persons with Benchmark Disabilities) students during hostel allotment, with rooms allocated on ground floors near washrooms for easy access.
v. The majority of girl students were provided hostel accommodation.
vi. For overall student development, cultural programs were organized in the evenings during Foundation Day, Republic Day, and Independence Day, with enthusiastic participation guided by the ADSW Cultural (M&W).
vii. For the first time, gender sensitization sessions were conducted in all girls' and boys' hostels in August 2019, involving members of the Students' Council.

viii. Weekly counseling sessions for students are held every Wednesday by a professional counselor.
ix. Motivational programs were organized to inspire students, including:
    a. Speeches by motivational speakers.
    b. Live interaction with the Prime Minister of India during "Pariksha Pe Charcha".
x. Distribution of electronic devices such as tablets and smartphones has been carried out periodically, benefiting many students across the university.

The annual reports of the University hostels are also available and listed below:

1. ASHOKA BOYS HOSTEL

The hostel is a modern and refreshing building, built with the explicit purpose of offering a stimulating and enriching experience where inmates can learn to 'learn for life'. The caring and understanding support staff including assistants, housekeepers, gardener and maintenance staff, warden and of course the Dean Students Welfare pay special attention to the hostel inmates.

OBJECTIVES

Life in a hostel means a whole panorama of experiences that span from making 'friends for life', to gaining the confidence to face life independently. That is why we have laid a lot of emphasis in creating a warm, welcoming, invigorating and home-like atmosphere in our hostel. The hostel is a home away from home, where the inmates develop the 'confidence to be independent', be it friendships, food, belongings, rooms, joys, sorrows, challenges or any of the uncountable experiences of growing-up together.

The hostel is committed to develop thinking of global citizenship amongst the inmates. Through its various endeavors it encourages inmates to think beyond local, regional and divisive lines.

FACILITIES

The hostel has four storied building with lush Green, serene, pollution-free premises. Rooms are airy and spacious with good natural light and a balcony, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided in the hostel visiting lounge to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Warden, DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of sixty students. The mess has privatized. Joining the mess is compulsory in the hostel. The mess provides good and healthy food to the inmates in order to maintain the culture of the university the mess menu is changed every month keeping in view of the requirements of different inmates from diverse backgrounds.

OTHER FACILITIES ARE

1. AC Common Room
2. Study Hall
3. AC Parents Guest Room
4. Water geysers
5. Water Cooler with RO
6. Washing Machine
7. LED T.V. with HD set top box
8. Indoor games room
9. Badminton Court
10. Wi- Fi
11. Medical facility available
12. On demand Ambulance facility
13. Disable Toilet for handicapped Inmates
14. Newspaper, Magazine facility
    (i) Amar Uajala
    (ii) Times of India
    (iii) Dainik Jagran

HOSTEL OFFICE

In order to facilitate the administration and other day to day affairs, the hostel has office with support staff including one D.E.O. (Data Entry Operator) one Caretaker, Four housekeepers, and 24 hrs. Security guard.

Administrative Warden	:	Dr. Mujibur Rehman
Warden	:	Dr. Surendra Singh Jatav
DEO	:	Mr. Mohd. Azharuddin
Caretaker	:	Mr. Prashant Singh

2. KANISHKA BOYS HOSTEL

OBJECTIVE: -

Kanishka Boys Hostel is functioning since 2012. The hostel is committed to change the mindset of the inmates and orient them towards ethos of 'cultural relativism' by means of inculcation of rational thinking and logical understanding beyond local, regional and fragmented lines. To develop universal thinking and scientific temper the hostel administration has been determined and dedicated for providing healthy living and global thinking to the inmates.

FACILITIES: -

Kanishka Boys hostel has been provided following facilities: -

- **Dining Hall**

Furniture to accommodate sixty students at a time and insect killer machine has been provided. The student co-operative mess has providing good and healthy food to the students at a very reasonable rate.

- **Potable Water**

Nine water coolers fitted with R.O. Plant have been installed to provide safe potable water to the inmates.

- **Common Hall**

Common hall is there and 36 inches LED HD TV and a beautiful sofa with centre table have been given.

- **Parents/Guest Room**

Hostel provided a parents/guest room with fully AC and one beautiful bed with mattress, bed sheet, blanket, pillow, beautiful sofa with centre table and other needful facility have been given.

- **Dormitory**

One Dormitory is also there with fully AC and two beautiful beds with mattress, bed sheet, blanket, pillow, beautiful sofa with centre table and other needful facility have been given.

- **Games and sports**

There are in-door and out-door games facilities in the hostel which include Table Tennis, Badminton, Chess, Carom, Ludo, Volleyball, Football and Cricket etc.

- **Security**

One Security Guard always present in 24 hours.

- **Internet**

Hostel is a place with WI-FI facilities. It has been there since last four year and the system has been working well.

- **Hostel Office**

The hostel office staffs consisting of support staff including one data entry operator Cum Multi-Tasking staff and two housekeepers.

- **Washing Machine**

A washing machine has been installed in the hostel for washing clothes for the convenience of student.

OTHER ACTIVITY: -

- **Plantation Drive**

The plantation drives get conducted on regular basis and as a result we have more than 200 plants since last one year.

- **Cleanliness Drive**

The Cleanliness Drive gets conducted on regular basis and celebrates all university function like *"Swachhata Pakhwada"* and *"Clean Campus Drive"* etc.

- **Awareness Campaign**

We are celebrating and conduct to awareness campaign on regular basis like to *"Gender sensitization; environmental awareness, water & waste management and single use plastic"* etc.

3. SIDDHARTHA BOYS HOSTEL

The hostel is a modern building built with the financial help of the Ministry of Social Welfare under Babu Jagjivan Ram Chatrawas Yojna. It houses hundred students with most of the basic facilities such as good water, sanitation, garden, rooms and equipment. It has been

catering to the needs of the poorest section of Indian society. The philosophy of the hostel is ‘‘become an agent of socio-economic transformation of society’’.

OBJECTIVES

Hostel plays a critical role in shaping the academic life of students and their personality development. Keeping this fact into consideration, the hostel focuses on the following three objectives:

- Providing congenial atmosphere for wholesome life of students.
- Providing basic facilities that are crucial for students staying in the campus.
- Imparting human values of love, compassion and positive action.

FACILITIES

The hostel has spacious building with lush green, serene, pollution-free premises. A total of fifty rooms available for student’s occupancy. Rooms are airy and spacious with good natural light, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables, chairs, ward robes, lights and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests on the Wardens (Administrative Warden and Warden), DSW and the Proctor. The accommodation is being provided by the Dean, Students Welfare (DSW) office.

The hostel has a dining hall with a sitting capacity of fifty students. This hostel has cooperative mess managed by students by the way of forming different committees. Every attempt has been made to provide healthy food keeping in mind physical and mental health of students.

Hostel inmates are being encouraged for participating various co-curricular activities and hostel freshers, farewell day, Nashamukt Bharat, ICC awareness programme etc. have been celebrated by the students with beautiful cultural activities, poster presentation, speech deliberation etc. General body meetings have been organized to direct interaction and formation of various committees.

Other facilities are:

1. Wash rooms in every floor and every block
2. Water geysers
3. Water coolers
4. Washing machine
5. Rooftop RO plant
6. LED T.V. with HD set top box
7. Indoor games facility
8. Badminton Court
9. Various sports items such as cricket kits, Basketball, football etc.

10. Free Wi- Fi connectivity
11. Basic Medical facilities
12. On demand Ambulance facility
13. One Guest room for Parents
14. One Common Room
15. Newspaper Facility
    (i) Dainik Jagran
    (ii) Amar Ujala
    (iii) The Hindu

HOSTEL OFFICE

The hostel office consisting of supporting staff including one Data Entry Operator cum MTS, one DPW staff, one housekeeper (provided by sanitation section) and 24 hrs. security guard.

Administrative Warden	:	Dr. Sutanu Maji
Warden	:	Dr. Manoj Kumar Dhadwal
Data Entry Operator cum M.T.S.	:	Mr. Manish Kumar
DPW	:	Mr. Rajendra Kumar

4. RCA BOYS HOSTEL

The hostel is a modern building built with the financial help of the Ministry of Higher Education. It houses hundred students with most of the basic facilities such as good water, sanitation, garden, rooms, and equipment's. It has been catering to the needs of the poorest section of Indian society. The philosophy of the hostel is 'become an agent of socio-economic transformation of society'.

OBJECTIVES

Hostel plays a critical role in shaping the academic life of students and their personality development. Keeping this fact into consideration, the hostel focuses on the following three objectives:

- Providing congenial atmosphere for wholesome life of students.
- Providing basic facilities that are crucial for students' stay in the campus.
- Imparting human values of love, compassion and positive action.

FACILITIES

The hostel has spacious building with lush green, serene, pollution-free premises. A total of fifty rooms available for student's occupancy. Rooms are airy and spacious with good natural light, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables and chairs, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The

notice board is provided to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Wardens (Administrative Warden and Warden), DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of fifty students. This hostel has cooperative mess managed by students by the way of forming different committees. Joining the mess is compulsory in the hostel. Every attempt has been made to provide healthy food to make sure the physical and mental health of students.

Other facilities are:

16. Water geysers
17. Water Coolers
18. Washing Machine
19. LED T.V. with HD set top box
20. Indoor games room
21. Wi- Fi connectivity
22. Basic Medical facilities
23. On demand Ambulance facility

HOSTEL OFFICE

The hostel office staffs consisting of support staff including one Data Entry Operator cum MTS, one housekeeper and 24 hrs. security guard.

Administrative Warden	:	Dr. Gopal Datt
Warden	:	Dr. Shailendra Kumar Yadav

5. SANGHMITRA GIRLS HOSTEL

BRIEF DESCRIPTION OF THE HOSTEL:

Hostels in academic institutions are the epicenters of the dynamics of the campus life. Sanghmitra Girls Hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University's liberal democratic academic culture. Situated next to the Vice Chancellor's Residence, the Hostel is a four storied building having 84 rooms with balcony and good ventilation. It is a spacious, well-furnished hostel enclosing lawns with beautiful shrubs and hedges. The hostel provides residential facilities to bonafide postgraduate and undergraduate female students of the University. Mess facility is available in the hostel. Mess is privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to the

inmates. Five Commercial Aquaguards cum Purifiers are installed on each floor to provide purified RO water to the inmates.

The guiding principle of the University has been to uphold democratic and egalitarian values and strive towards intellectual excellence. Therefore, the main objective of Sanghmitra Girls Hostel is to ensure that the inmates are able to devote adequate time to their studies and research as well as to develop a climate congenial to co-curricular and extra-curricular activities of inmates. All hostel inmates are expected to maintain the spirit of camaraderie and dignity. The Hostel office located within the hostel premises is integral part of the Hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the University campus. A fully furnished common rooms, equipped with recreational and indoor game facilities such as Carrom, Chess, Table Tennis, Chess board, etc. adds to the vibrancy of the hostel, encouraging the inmates to actively engage in co-curricular activities.

Facilities Available in Hostel:

- Well furnished rooms with comfortable and functional furniture.
- 5-RO Purified drinking water cooler.
- 1 Geyser in each 8 bathrooms
- Newspaper in Hindi and English are subscribed.
- Student's visitors cum reading room.
- Reading area in each floor.
- 1 A/C and 1-Non-A/C Guest room.
- Nutritious and hygienic meals.
- Aqua guard for mess kitchen (not working).
- Roti Maker Machine for mess kitchen (not working).
- Dough Maker Machine for mess kitchen.
- Food Warmer Machine for mess kitchen (not working).
- Fully furnished and spacious dining hall.
- Inverter facility in dining hall (not working).
- Well-constructed parking facility.
- Health care and ambulance facilities.
- Recreation Hall Facility.
- LED T.V. facility.

- Wireless Microphone (Mike) with Speaker for students (not working).
- Well-constructed Badminton Court facility.
- Full time matron.
- Wi-Fi Connectivity facility.
- Well maintained garden.
- Projector facility.
- Induction Stove Facility for heating milk and water.
- Fire alarm control panel facility.
- RO Plant Facility.
- Sanitary Napkin Burning Machine Facility (not working).
- Washing Machine facility.

Staff Details in Hostel:

1. **Administrative Warden:**

a) Dr. Jyoti Pandey, Asst. Professor, Department of Chemistry, BBAU, Lucknow. (Period: 19.07.2019 to 15.01.2025).

b) Dr. Minakshi Mishra, Asst. Professor, Department of Statistics, BBAU, Lucknow. (Period: 15.01.25 to till date).

2. **Wardens:**

a) Dr. Shandhya, Asstt. Professor, Deptt. of Zoology (Period: 09.01.2023 to 15.01.25).

b) Dr. Minakshi Mishra, Asst. Professor, Department of Statistics, BBAU, Lucknow. (Period: 19.07.2019 to 15.01.25).

c) Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture (Period: 09.01.2023 to till date).

d) Dr. Priyanka Shankar, Asstt. Professor, Deptt. of HDFS [Period: 09.01.2023 to till date (on Maternity leave)].

e) Dr. Renu Pandey, Asstt. Professor, Deptt. of History (Period: 07.03.25 to until Dr. Priyanka Shankar joins back after completion of Maternity leave).

3. **Contractual Staff:**

a) **DEO :** Mrs. Malti

b) **Matron:** Ms. Renu Singh

c) **Sweepers: 02 (**Mrs. Saroj and Mrs. Savita).

d) **Security Guards: 03** (1 security guard from 6AM-2 PM), (1 security guard from 2-10 PM) and (1 security guard from 10 PM – 6AM).

Details of inmates of Sanghmitra Girls Hostel related to Category wise (Session: 2024-25)

Category, State & Country wise (Year 2024-25)										
	State and Country wise		Category wise							
S.No.	State	Country	GEN	OBC	SC	ST	EWS	UR	PH	Total
1	Uttar Pradesh	-	16	23	46	2	11	3	1	102
2	Assam	-	-	-	1	1	-	-	-	2
3	Bihar	-	2	7	1	2	3	-	1	16
4	Delhi	-	1	-	3	-	1	-	-	5
5	Madhya Pradesh	-	3	-	-	-	-	-	-	3
6	Haryana	-	1	-	1	-	-	-	-	2
7	Jharkhand	-	-	2	1	1	-	-	-	4
8	Kerala	-	1	-	-	1	-	-	-	2
9	New Delhi	-	3	-	-	-	-	1	-	4
10	Odisha	-	1	-	-	2	1	2	-	6
11	Uttarakhand	-	1	-	2	-	-	2	-	5
12	West Bengal	-	1	-	1	-	-	-	1	3
13	Haryana	-	-	-	-	-	-	-	-	0
14	Meghalaya	-	-	-	-	1	-	-	-	1
15	Chandigarh	-	-	-	-	-	-	1	-	1
16	Kolkata	-	-	-	-	-	-	1	-	1
17	Maharashtra	-	-	-	-	-	-	1	-	1
		Total Students	30	32	56	10	16	11	3	158

Hostel Capacity for inmates: The hostel capacity is 158 inmates.
(79 rooms were allotted).

6. SANGHMITRA GIRLS HOSTEL EXTENSION

BRIEF DESCRIPTION OF THE HOSTEL:

Hostels in academic institutions are the epicenters of the dynamics of the campus life. Sanghmitra Girls Hostel Extension spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University's liberal democratic academic culture. Situated next to the Vice Chancellor's Residence, the Hostel is a four storied building having 166 rooms with balcony and good ventilation. It is a spacious, well-furnished hostel enclosing lawns with rose beds and hedges. The Hostel provides residential facilities to bonafide postgraduate and Ph.D female students of the University. Mess facility is available in the hostel. Mess is privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to the inmates. Six water cooler with RO are installed on each floor and in dining hall to provide purified water to the inmates.

The guiding principle of the University has been to uphold democratic and egalitarian values and strive towards intellectual excellence. Therefore, the main objective of Sanghmitra Girls Hostel Extension is to ensure that the inmates are able to devote adequate time to their studies and research as well as to develop a climate congenial to co-curricular and extra-curricular activities of inmates. All hostel inmates are expected to maintain the spirit of camaraderie and dignity. The Hostel Office located within the Hostel premises, is integral part of the Hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the University Campus.

Facilities Available in Hostel:

- Well furnished rooms with comfortable and functional furniture.
- 06- RO Purified drinking water cooler.
- 02 Geyser in each floor.
- Hindi and English Newspaper are Available in Hostel
- 03- Guest room.
- Nutritious and hygienic meals.
- Fully furnished and spacious dining hall.
- Well-constructed parking facility.
- Health care and ambulance facilities.
- Recreation Hall Facility.
- Full time matron.
- Wi-Fi Connectivity facility.
- Well maintained garden.
- Induction Stove Facility for heating milk and water.
- Sanitary Napkin Burning Machine Facility.
- Sanitary Vending Machine Facility
- Washing Machine Facility.

Staff Details in Hostel:

4. Administrative Warden:

c) Dr. Jyoti Pandey, Asst. Professor, Department of Chemistry, BBAU, Lucknow. (Period: 19.07.2019 to 15.01.2025).

d) Dr. Minakshi Mishra, Asst. Professor, Department of Statistics, BBAU, Lucknow. (Period: 15.01.25 to till date).

5. Wardens:

f) Dr. Shandhya, Asstt. Professor, Deptt. of Zoology (Period: 09.01.2023 to 15.01.25).

g) Dr. Minakshi Mishra, Asst. Professor, Department of Statistics, BBAU, Lucknow. (Period: 19.07.2019 to 15.01.25).

h) Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture (Period: 09.01.2023 to till date).

i) Dr. Priyanka Shankar, Asstt. Professor, Deptt. of HDFS [Period: 09.01.2023 to till date (on Maternity leave)].

j) Dr. Renu Pandey, Asstt. Professor, Deptt. of History (Period: 07.03.25 to until Dr. Priyanka Shankar joins back after completion of Maternity leave).

6. Contractual Staff:

e) **DEO :** Mrs. Malti

f) **MTS :** Mr. Vinay Kumar

g) **Matron :** Ms. Renu Singh

h) **Sweepers : 02 (**Mrs. Saroj and Mrs. Savita).

i) **Security Guards: 03** (1 security guard from 6AM-2 PM), (1 security guard from 2-10 PM) and (1 security guard from 10 PM – 6AM).

Details of inmates of Sanghmitra Girls Hostel Extension related to Category wise. (Session: 2024-25)

Category, State & Country wise. (Year 2024-25)										
	State And Country wise		Categroy wise							
S.N.	State	Country	GEN	OBC	SC	ST	PH	EWS	UR	Total
1	Uttar Pradesh	-	25	17	83	5	3	17	21	**171**
2	Bihar	-	5	7	11	1	-	9	2	**35**
3	Gujrat	-	-	-	-	-	-	-	-	**0**
4	Rajsthan	-	-	-	-	3	-	-	-	**3**
5	Andhra Pradesh	-	1	-	2	2	-	-	-	**5**
6	Aruranchal Pradesh	-	-	-	-	5	-	-	-	**5**
7	Assam	-	2	-	1	3	-	2	-	**8**
8	Nagaland	-	-	-	-	5	-	-	1	**6**

9	Kerala	-	-	-	-	-	-	-	-	**0**
10	Chandigarh	-	-	-	-	-	-	-	1	**1**
11	Delhi	-	1	-	3	-	-	1	2	**7**
12	Haryana	-	-	-	1	-	-	-	-	**1**
13	Jharkhand	-	1	1	2	6	-	-	-	**10**
14	Karnatka	-	1	-	-	1	-	-	-	**2**
15	MP	-	1	-	3	4	-	-	-	**8**
16	Meghalaya	-	-	-	-	-	-	-	-	**0**
17	New Delhi	-	-	-	-	-	-	-	-	**0**
18	Odisha	-	2	-	4	5	-	-	1	**12**
19	Maharashtra	-	1	-	3	-	-	-	-	**4**
20	Punjab	-	1	-	-	-	-	-	1	**2**
21	West Bangal	-	1	-	4	-	-	-	5	**10**
22	Uttrakhand	-	5	1	1	1	-	1	1	**10**
23	Andaman Nikobar	-	-	-	-	-	-	-	-	**0**
24	Chhatishgarh	-	1	-	-	3	-	-	-	**4**
25	Himanchal Pradesh	-	-	-	-	-	-	-	1	**1**
26	Jammu & Kashmir	-	-	-	-	-	-	-	-	**0**
27	Tamilnadu	-	1	-	-	-	-	-	-	**1**
28	Telangna	-	-	1	1	4	-	1	-	**7**
29	Napal	-	1	-	-	-	-	-	-	**1**
30	Rajsthan	-	-	1	-	-	-	1	-	**2**
31	West Delhi	-	-	-	-	-	-	-	1	**1**
32	Manipur	-	-	-	-	1	-	-	-	**1**
33	Mizoram	-	-	-	-	1	-	-	-	**1**
34	Tripura	-	-	-	-	1	-	-	-	**1**
	Total Students		**50**	**28**	**119**	**51**	**3**	**32**	**37**	**320**

Hostel Capacity for inmates: The hostel capacity is 314 inmates.
(157 in rooms allotted).

7. CHITRALEKHA GIRLS HOSTEL

Brief Description of Chitralekha Girls Hostel:

Chitralekha Girls Hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University. The hostel is a double storied building having 52 rooms with 92 capacities. Hostel provides residential facilities to bonafide Undergraduate, Postgraduate and Ph. D. students full time in the programme of the University. Mess facility is also available in the hostel mess, privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to ensure Healthy inmates. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the university campus.

Facilities available in Chitralekha Girls Hostel:

01. Air Conditioner Guest room-01.
02. Non-AC Guest Room- 01.
03. Dining Hall-01.
04. Disable Toilet for Handicapped Inmates-01.
05. First-Aid facilities.
06. Games and Sports facilities. (Badminton, Carom, Chess, Tennis).
07. LED T.V. with HD set top box-01.
08. On demand Ambulance facility.
09. Water Cooler with Water Purifier with R.O. Plant.
10. Water geysers-05.
11. Wi-Fi connectivity.
12. Security Guard (24 hours).
13. Sanitation Facility.
14. Newspaper, Magazine facility such as:
    - Dainik Jagran
    - The Hindu
15. Automatic Washing Machine.

Hostel Office and Administration:

In order to facilitate the administration and day to day affairs, the hostel has office with supporting staff including one DEO, one MTS, one Matron, one housekeeper, and female security guard.

- Hostel Warden (Administration): Dr. Shalini Chandra
- Hostel Warden: Dr. Maitri Verma
- Hostel Warden: Dr. Srujani Chimpiri

8. OBC GIRLS HOSTEL

Brief Description of OBC Girls Hostel:

OBC Girls Hostel is newly constructed hostel, spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University. The hostel is a three storied building having 20 rooms with 100 capacities. Hostel provides residential facilities to Bonafide Undergraduate and Postgraduate students full time in the programme of the University. Mess facility is also available in the hostel mess, privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to ensure Healthy inmates. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the university campus.

Facilities available in OBC Girls Hostel:

01. Reading Room-01.
02. Computer Room- 01.
03. Warden Room- 01.
04. Office- 01.
05. Medical Room- 01.
06. Dining Hall-01.

07. Disable Toilet for Handicapped Inmates-01.
08. First-Aid facilities.
09. On demand Ambulance facility.
10. Water Cooler with R.O.
11. Water geysers-06.
12. Wi-Fi connectivity.
13. Security Guard (24 hours).
14. Sanitation Facility.
15. Automatic Washing Machine.

Hostel Office and Administration:

In order to facilitate the administration and day to day affairs, the hostel has office with supporting staff including DEO, MTS, one Matron, one housekeeper, and female security guard.

- Hostel Warden (Administration): Dr. Shalini Chandra
- Hostel Warden: Dr. Maitri Verma
- Hostel Warden: Dr. Srujani Chimpiri

Gardening and Beautification Section

The Gardening & Beautification Section (G.B.S.) is involved in bio- aesthetic planning of the campus by planting of ornamental trees, shrubs, climbers and avenue trees and maintenance of the campus and creating of ecological balance, reducing global warming and increasing the green and pleasant environment for the teaching and student fraternity. It was established in the year 2010 with infrastructural support from University.

1. **Established: - 2010**

2. **Mandate of Section:** - Development and Maintenance of Horticultural and Landscaping Activities and Flower Decoration on Special Occasion like Ambedkar Jayanti, Independence Day & Republic Day etc. in the University Campus

3. **Prof. In-charge: - Prof. Deepa H. Dwivedi,**
   Horticulture Inspector: - Dr. Samir Kumar Dixit

4. **Staff (contract/inspired):**

i.	D.E.O Cum MTS: -	01
ii.	Driver: -	01
iii.	Head Mali/Field Supervisor: -	01
iv.	Workman: -	20

5. **Equipment / Items: -**

The section has good infrastructure comprising followings items:

i.	Tractor	02
ii.	Trolley	01
iii.	Tanker	01
iv.	Harrow	01
v.	Cultivator	01
vi.	Leveler	01
vii.	Tractor mounted grass cutter	01
viii.	Rotavator	01
ix.	Disc Plough	01
x.	Auger	01
xi.	Electric lawn mower	07
xii.	Brush Cutter	05
xiii.	Hedge Sheer	02
xiv.	Ride On Lawn Mower	01
xv.	Dig Auger	01

6. **Facilities developed by the Section:**
   i. Small Nursery fulfilling basic requirement of Landscaping, Plantation and flower decorations in various University functions.
   ii. Shade house
   iii. Lath house
   iv. Compost pits
   v. Maintenance of landscaping and beautification as per requirements of campus.

7. **Objectives: -**

i. Bio- aesthetic planning of the campus by planting of ornamental trees, shrubs, climbers and avenue trees
ii. Maintenance of the campus and creating ecological balance, reducing global warming and increasing the green and pleasant environment for University fraternity.
iii. To promote participating through regular plantation drives & Swatchata Abhiyan for Green and Clean campus.

Program conducted for the Academic year 2024-25

Activities for the Academic year 2024-25

i. Section organized **"Vraksharopan Pakhawara"** with the objective of creating a green campus and igniting the awareness about plants and their benefits to society.





ii. Section organized **"Ek Pedh Maa Ke Naam Abhiyaan"** for green and clean campus and to promote Sustainable Development and emotional attachment for environment.





iii. Section organized **"Ek Vriksh Ek Chhatra"** with the objective of creating a green campus and igniting the awareness about plants and their benefits to society and to encourage Importance of Environment.





5. D

evelopment work:-

i. Section developed "**Vermicompost Unit"** for fullfiling of basic requirements of University Nursery.

ii. Development and maintenance of Various Gardens, Buildings & Green belt of the road etc in the University Campus.
iii. E- waste Management by using waste Streetlights as garden Pots **"Kabadh se Jugadh Theme"**

10. Maintenance work: -

Section maintained

i. 55-acre lawn in the campus.
ii. 35-acre open land is cleaned.
iii. 11000 running meter hedge for maintaining clean campus.
iv. The entire plantation executed in the past is maintained by the section through regular trimming, pruning, turf management and maintenance of pots etc.
v. Maintenance and beautification of all University buildings and gardens viz., Hostels/Schools/Administrative/Guest house/ Auditorium.
vi. Section maintains a small nursery for fulfilling basic requirement of maintaining pots, annual plants, seedling for providing all hostels, administrative building, library etc.
vii. Flower decoration like-
    a. Decoration of Meeting Hall.
    b. Decoration of stage during University function like
        - Foundation Day.
        - Convocation.
        - Ambedkar Jayanti.
        - Independence Day.
        - Republic Day and other University functions.
        - Floral decoration of the Statue of Dr. Ambedkar

6. Future Plan: -

i. To established **"Ayush Van", Ekta Van** in the University campus collaboration with U.P. Forest Department.
ii. To facilitate for permanent irrigation system in various gardens of the University i.e. V.C. office, back side of Environmental building, main arterial road and Rose Garden etc.
iii. Collaboration with various Ayurvedic, Herbal Garden farms from available flora in the University campus for the increasing the earning of the University.
iv. To develop a green belt in the University campus for a pleasant and healthy environment conducive for academics.
v. To develop water ponds in the University Campus for the recharging of ground water.
vi. To increase the space for plant sales centre so that more and more plants can be kept there for adjustment to sale.
vii. To develop Vertical Garden in the University Campus.
viii. To redevelop Rose Garden in the front of Guest House.
ix. To proposed **"SHODH CHHATRA VAKITA"** for the plantation by newly admitted Ph.D. Scholars.

Central Training & Placement Cell

Central Training & Placement Cell (CTPC) The most important resource of any civilized society is its trained and skilled manpower. In the contemporary competitive world, education is not just a way to disseminate knowledge, but also to equip students with contemporary professional skills and ability to face global challenges, as well as fulfil their career aspirations while contributing more to the society. Helping students identify organizations for training and placement. In addition, campus interviews are conducted to provide students with an opportunity to showcase their talents and place them in various organizations across India and abroad. The University Placement Cell is dedicated to assist students in their search for jobs in reputed organizations. Apart from this special lecture, workshops and job fairs are organized to provide various platform to the students to achieve their respective heights.

1. Constitution of the Central Training & Placement Cell

Chairman	**:** Prof. Raj Kumar Mittal Hon'ble Vice Chancellor, BBAU
Convener	**:** Dr. Ashwini Kumar Singh Registrar, BBAU
Coordinator	**:** Prof. Amit Kumar Singh, Dean, School of Management & Commerce, Head, Department of Commerce and Department of Management Studies.
Assistant Coordinator	**:** Dr. Manoj Kumar, Associate Professor, Department of Computer Science.
Assistant Coordinator	**:**. Dr. Lata Bajpai Singh Assistant Professor, Department of Management Studies.

One nominated faculty member from each department

Name of the Departmental Placement Coordinator		
S.no.	**Department name**	**Name**
1	Department. of History	Dr. M. Ravi Kumar Vejendala
2	Department of Political Science	Dr. Preety Choudhari
3	Department of Public Administration	Dr. Pradeep Kumar Singh
4	Department of Sociology	Dr. Ajay Kumar
5	Department of Economics	Dr. Devendra Kumar Yadav
6	Department of Biotechnology	Dr. Monica Sharma
7	Department of Zoology	Dr. Abha Mishra
8	Department of Computer Science	Dr. Shalini Chandra
9	Department of IT	Dr. Amit Kumar Singh
10	Department of Library & Information Science	Dr. Sharad Kumar Sonker
11	Department of Environment Science	Dr. Shailendra Kumar Yadav
12	Department of Environmental Microbiology	Dr. Digvijay Verma
13	Department of Geology	Dr. Narendra Kumar
14	Department of Education	Dr. Subhash Misra

15	Department of Human Development & Family Studies	Dr. K. Sharmila
16	Department of Food & Nutrition	Dr. K. Sharmila
17	Department of Human Rights	Dr. Rashida Ather
18	Department of Law	Dr. Sufiya Ahmed
19	Centre of Post Graduate Legal Studies	Prof. Preeti Misra
20	Department of Management Studies	Dr. Lata Bajpai Singh
21	Department of Commerce	Dr. Aprit Shailesh
22	Department of Chemistry	Dr. Jawahar Lal Jat
23	Department of Mathematics	Dr. Jagmohan Tanti
24	Department of Physics	Dr. Khem Bahadur Thapa
25	Department of Statistics	Dr. Amit Kr. Mishra
26	Department of Integrated B.Sc.-M.Sc. Basic Science	Prof. Rajesh Kumar
27	Department of Hindi	Dr. Shiv Shankar Yadav
28	Department of Mass Communication & Journalism and Dep. of Media Centre	Dr. Mahendra Kr. Padhy
29	Department of Horticulture	Dr. M. L. Meena
30	Department of Pharmaceutical Science	Dr. Chimpiri Srujani
31	Department of Civil Engineering	Dr. Arjun Prasad
32	Department of Computer Engineering	P.D. Saxena
33	Department of Electrical Engineering	Dr. Ishan Srivastava
34	Department of Electronics & Communication Engineering	Dr. Mangal Deep Gupta
35	Department of Mechanical & Automobile Engineering	Dr. Akhilesh Singh
36	Department of Sanskrit and Vedic Studies	Prof. Ripu Sudan Singh (HOD)
37	Department of Skill & Vocational Studies	Prof. Deepa H. Dwivedi (HOD)
38	Department of YOGA	Dr. Deepeshwar Singh (HOD)
39	Department of Music	Dr. Babita Pandey (Coordinator)
40	The Amethi Satellite Centre	Dr. Sandeep Kumar Nayak (Director (I/C))

2. General Overview of Placement Details during 2024-2025

i. No. of Companies Offered Placement: 57

ii. No. of Companies Offered Internship: 28

Placement Details (01 July 2024 - 30 June 2025)					
S.no.	**Company name**	**Placement**	**Date of Notification**	**Students Placed**	**Course name**
1	Accenture	Placement	19-Jul-24	10	All Courses
2	Brimo Software Solution	Placement	22-Aug-24	3	UG & PG in CS, CE, IT
3	Intern Elite Edutech Pvt.Ltd.	Placement	3-Oct-24	15	MBA/BBA/B.Tech/BCA/MCA/ B. Com/B.A.
4	Teachnook	Placement	4-Oct-24	20	UG/PG
5	Brimo Software Solutions	Placement	23-Jan-25	5	B.Tech/MCA/ M.Sc. (IT) /M.Tech (IT)/ M.Tech (CS)
6	Swadesh Milk product	Placement	5-Jan-25	8	UG/PG
7	Azim Premji Foundation	Placement	24-Feb-25	15	M.A. / M.Sc. or Integrated B.Sc-M.Sc
8	Momentum Techsys Pvt.Ltd.	Placement	25-March-25	1	UG/PG
9	HeroFin Corp	Placement	22-Apr-25	1	UG/PG
10	Padhlo India Tutorial	Placement	22-May-25	6	Master degree & Ph.D. in Physics, Chemistry, M.Sc. In life Science, Mathematics
11	SLMG Beverage (Coca Cola)	Placement	2-Jun-25	3	MBA/B.Tech/B.E./M.Sc.
12	Talent Gum	Placement	2-Jun-25	2	BBA/ MBA
13	Planet Spark	Placement	6-Jun-25	5	UG/PG
14	Digicaptain Technologies Pvt.Ltd.	Placement	19-Jun-25	1	BBA/ MBA
Total no. of Placement				**95**	

Internship Details (01 July 2024 - 30 June 2025)					
S.no.	**Company name**	**Internship**	**Date of Notification**	**Students Placed**	**Course name**
1	Accrual Intelligence Manual group	Internship	8-Jan-25	16	BBA/ B.Com./ MBA
2	LuluIndia Shopping Mall	Internship	21-Jan-25	9	Graduation or Any Professional Degree in business
3	Open Wings Foundation	Internship	23-Jan-25	3	MBA
4	Swadesh Milk product	Internship	27-Jan-25	5	BBA/ MBA
5	Agile capital Services	Internship	28-Feb-25	22	BBA/ B.Com./ MBA
6	Seva Satkar Foundation	Internship	11-Apr-25	31	UG/PG
7	Swadesh Milk Product	Internship	11-Apr-25	13	B.Sc./ MSc. in Agriculture / Dairy Technology Chemistry / Food Science
8	Volume 9	Internship	13-Apr-25	10	UG/PG
9	Airway Media	Internship	16-Apr-25	7	BBA/MBA
Total no. of Internship				**116**	

Dr. Ambedkar Centre of Excellence (DACE)

DR. AMBEDKAR CENTRE OF EXCELLENCE (DACE) was inaugurated by **Shri Asim Arun Hon'ble Minister of State, Social welfare**, Welfare of Schedule Caste & Tribal Affairs, Uttar Pradesh Government on 1st Oct 2022

1. DACE Profile

i.	**Coordinator, DACE: -**	**Prof. Shashi Kumar**
ii.	**Asstt. Coordinator: -**	**Dr. Ajay Singh Kushwah**

3. Course Offered

DACE program is ONLY for the Scheduled Caste and Other Backward Classes (OBC) Students to offer them **'Free Coaching' for the Civil Services Examinations conducted by UPSC/State Public Service Commission.**

Dr. Ambedkar Foundation, under the Ministry of Social Justice and Empowerment, Government of India, New Delhi has set up the Dr. Ambedkar Centre of Excellence (DACE) in Babasaheb Bhimrao Ambedkar University by signing the Memorandum of Understanding on 22nd April 2022. Our university is one among the thirty Central Universities in the country where the Ministry has established the DACE. The DACE provides specialized free coaching to the Scheduled Caste (SC) and Other Backward Classes (OBC) students for the Civil Services Examination conducted by the UPSC. In order to nourish the aspirants of civil services, the Centre provides best coaching facility to the 100 selected candidates belonging to Scheduled Caste (SC) and Other Backward Classes (OBC) community through Common Entrance Test.

The Centre provides good infrastructure facilities of library, Hi-speed internet, Reading Room to the students for preparing them for most prestigious competitive examination of the country. The DACE has dedicated qualified, professional faculties and resource persons for providing a best coaching to the students through class room teaching, seminars, expert interaction, mock test and interview etc.

3. Office Staff

i.	Mr.Abhishek Kr. Srivastava :-	Assistant
ii.	Mr. Harsh Shukla: -	MTS

4. Contractual Teachers/Resource Persons in DACE, BBAU

i.	Resource Persons - 1	Social Science
ii.	Resource Persons - 2	Social Science
iii.	Resource Persons - 3	Social Science
iv.	Resource Persons - 4	Science
v.	Resource Persons - 5	Environmental Science
vi.	Resource Persons - 6	History

vii.	Resource Persons - 7	Polity
viii.	Resource Persons - 8	Economics & Geography

5. Objectives of DACE

i. To provide a quality education and best coaching facility to the students belonging to Schedule Caste and Other Backward Classes (OBC) achieving success in the highly competitive Civil Services Examination conducted by UPSC.
ii. To train the aspirant civil servants for becoming a successful administrator who can provide good governance in the country.
iii. To nourish good candidates for becoming a civil servant who can upload the virtues of liberty, equality, justice and fraternity:
iv. Instill the values of honesty, commitment and social justice in the enrolled students: and inculcate the culture of serving the nation and the community in them

6. Eligibility Criteria for Students and Selection Procedure for the Free Coaching

i. In order to be considered for admission into the centre for desired subject, candidates must have achieved the required minimum percentage of marks in the qualifying examination.
ii. The Scheme is open to Schedule Caste and Other Backward Classes students. University shall obtain verify requisite caste certificate from the concerned candidate/student/issued by the competent authorities in his/ her respective States/UTs or as the case may be
iii. The coaching benefits under the scheme may only be utilized by a student ONCE regardless of the number of changes that he/she may be entitled to in a particular Competitive Examination. The student must submit to the University an affidavit stating that he/she has not received any monetary benefit from any of the other scheme by Government of India, State/UTs or any funding agency.
iv. The candidates enrolled under this scheme shall have to attend all the classes. In case of remaining absent for more than 15 days without any valid reason, or leaving the coaching midway without prior approval of the competent authority, the total expenditure incurred on the candidate will be recovered from the University/Students/candidate concerned. University shall be responsible for the recovery.
v. A total of hundred seats (100) sanctioned for coaching per Centre 33% of the total sanctioned seats for coaching may preferable be given to the eligible female candidates of SC category. The percentage of SC students shall not be less than 70% . In case of non-availability of adequate number of candidates in the SC category, the Ministry of Social Justice and Empowerment can relax this ratio.However,in no case, a less than 50% SC students shall be permitted. Also under each category,30% of the slots shall be reserved for female candidates. In case sufficient numbers of female candidates are not available under any category, male candidates from the same category shall be considered by the Ministry. University widely publicizes this

scheme through open advertisement and makes a public notice for a Common Entrance Test (CET) for the admission in DACE. The students are selected through an entrance test, interviews conducted by the University as per merit.

vi. The University maintains Attendance Registers for all candidates enrolled for the coaching classes as well as subject-wise result of practice tests, or any other evaluation.

7. MoU Between DAF & BBAU

MoU Signed between Dr. Ambedkar Foundation, Ministry of Social Justice & Empowerment, Govt. of India and Babasaheb Bhimrao Ambedkar University for providing "Free Coaching Scheme for SC and OBC students" on 26-10-2023.

Course for Coaching: - Civil Service Examination conducted by Union Public Service Commission (UPSC) & State Public Service Commission.

8. Students Intake

i. The Common entrance test **2022-2023** held on **14-08-2022.**
ii. No. of Applications in Common Entrance Test: -**978**
iii. The Common entrance test **2024-2025** held on **25-02-2024**
iv. No. of Students Admitted: -100
v. No. of Applications in Common Entrance Test & Interview: - **377**
vi. SC Male:-(48), SC Female:-(27)
vii. OBC Male:-(16), OBC Female:-(09)
viii. The Common entrance test **2025-2026** held on **06-07-2025**
ix. No. of Applications in Common Entrance Test & Interview: - **434**

9. Facilities available in DACE Department

DACE Library is running in the RCA library where around 3000 books are available. The latest edition of Competitive Books for UPSC is procured. Magazines & News Papers are available. DACE Students have access to the Central Library of BBAU where students have facility to study in the Reading Hall that opens 24x7 hours.

10. DACE Infrastructure

i. Students are provided high speed Wi-Fi Facility.
ii. Class room: -02
iii. Conference Hall: -01

11. Features of the DACE Scheme

i. DACE program is ONLY for the Scheduled Caste and Other Backward Classes (OBC) Students to offer them 'Free Coaching' for the Civil Services Examinations conducted by UPSC/State Public Service Commission.
ii. Out of 100 sanctioned seats, 70% of seats are reserved for SC and 30% of seats are reserved for Other Backward classes (OBC) Students. As per directions from the ministry 33% of seats in each category shall be filled by eligible female candidates.

iii. A stipend of **Rs. 4000/ (Rupee four thousand) per month** will be provided to all the students by the Ministry.

iv. An incentive of **Rs 15,000/ (Fifteen thousand)** shall be provided to all the successful students to prepare for the interview after being successful in the mains stage of Central Civil Services Exams for Class 1 Post.

v. Mode of payment: All the admissible payments shall be released to the students through DBT in their Aadhaar enabled bank accounts. The fee and stipend shall be released in two installments of 50% each of the admissible amount. The first installment shall be released immediately at commencement of course and the second installment will be released immediately after conclusion of more than 75% of the course duration. The students will be required to remit the portion to the institution fee immediately and in any case not exceeding 15 days, to the University where they are receiving coaching.

Duration of the course will be one year in case of UPSC/State Civil Services applicants.

12. Achievements

i.	Ankit Prasad	:- CGL 2022
ii.	Jitendra Kr. Sonkar	:- LIC 2022
iii.	Subesh Kumar	:- Ph.D 2022
iv.	Prince Kumar	:- Bihar PCS Mains (2022)
v.	Balram	:- UP PCS Mains (2022)
vi.	Ravi Rawat	:- Medical Social Welfare Officers 2023
vii.	Alok Kumar	:- Gram Panchayat Adhikari,UP 2024
viii.	Rahul Anand	:- NET-June 2024
ix.	Rajendra Kr. Jayswal	:- UP. Provincial Civil Services (Prelims)-2024
x.	Kavita Verma	:-UP. Provincial Civil Services (Prelims)- 2024
xi.	Kiran Maurya	:-UP. Provincial Civil Services (Prelims)- 2024

Financial Statement

ABSTRACT OF THE FINANCIAL STATEMENT					
1st APRIL 2024 TO 31st MARCH 2025					
		2024-2025		2023-2024	
S No.	Particulars	Amount	Amount	Amount	Amount
1	Total Receipts side of Receipts & Payment Account		2,627,435,023		2,365,850,739
	a) Grants Received During the year	1,115,994,586		1,377,458,616	
	b) Earmarked Fund	36,443,310		13,389,048	
	c) Interest received	43,963,258		13,783,594	
	d) EMF Receipts	0		0	
	e) Other income	345,426,962		200,711,269	
	f) Any Other receipts	915,594,172		519,631,857	
	g) Opening Balance in Cash & at Bank	170,012,735		240,876,355	
2	Total Payment side of Receipts & Payment Account		2,627,435,023		2,365,850,739
	a) Expenses of Non Plan Account	1,153,826,071		1,127,264,896	
	b) Expenses of Plan Account	50,513,535		52,550,863	
	c) Earmarked Fund	22,544,368		11,776,634	
	d) Investment	899,429,116		552,822,418	
	e) Other Payment	374,207,038		451,423,193	
	f) Closing Balance in Cash & at Bank	126,914,895		170,012,735	
3	Income Plan / XII Plan		0		96,445,784
	a) Grants / Subsides	0		96,445,784	
	b) Interest Earned	0		0	
4	Expenditure Plan		0		69,842,784
	a) Establishment Expenses	0		22,757,443	
	b) Administrative Expenses	0		45,290,554	
	c)Academic Expenses	0		556,851	
	d) Repairs & maintenance	0		1,237,936	
	e) Transportation Expenses	0		0	
	f) Finance Costs	0		0	
	g) Other Expenses	0		0	
	h) Prior Period expenditure	0		0	
5	Income - Non Plan		1,428,297,305		1,202,615,546
	a) Grants / Subsidies	1,030,000,000		978,104,960	
	b) Fees / Subscription	341,692,962		200,711,269	
	c) Interest Earned	6,335,219		7,336,273	
	d) Other Income	50,269,125		16,463,044	
	e) Prior Period Income	0		0	
6	Expenditure - Non Plan		1,908,262,685		1,126,896,999
	a) Establishment Expenses	1,630,962,069		862,153,270	
	b) Administrative Expenses	107,955,104		107,477,141	
	c)Academic Expenses	39,437,846		38,238,147	
	d) Repairs & maintenance	36,254,262		18,252,227	

	e) Transportation Expenses	1,085,987		975,801	
	f) Finance Costs	830		22,977	
	g) Other Expenses	0		21,928,000	
	h) Prior Period expenditure	0		0	
7	Depreciation On Fixed Assets	92,566,587		77,849,436	
8	Profit / (Loss) Earned During the Year		-479,965,380		102,321,548
	Non Plan Account Profit	-479,965,380		75,718,548	
	Plan Account Profit	0		26,603,000	
9	Fixed Assets & Capital WIP		2,680,647,750		2,724,378,680
10	Investment		934,692,833		0
11	Current Assets, Loan & Advance		358,140,092		1,104,347,497
12	Earmarked Fund		88,227,319		32,866,392
13	Current Liabilities & Provisions		1,489,329,983		770,907,640
14	Capital Fund		2,395,923,372		3,024,952,146
Note:- Previous Year amount figure are rescheduled according to current year disclosures of account head amount.					

Annual Report Committee

1.	Prof. Ripu Sudan Singh *(Chairman, Publication Committee)*	:	Chairman
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6.	Dr. Manoj Kumar *(Department of Computer Science)*	:	Member
7.	Dr. B. Patra *(Department of English, Satellite Centre)* *(meeting will be attended through online mode)*	:	Member
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10.	Dr. Rachana Gangwar, PRO	:	Member
11.	Dr. Rahul Varshney, RSO(I/c)	:	Convener

Sub-committee:

1.	Dr. Ram Pravesh Pal	:	Compilation purpose
2.	Mr. Pankaj Kumar	:	Hindi typing purpose
3.	Mr. Awadhesh Kumar	:	English typing purpose
4.	One Graphic Artist/Assistant *(nominated by Director, Media Centre)*	:	for Graphics & Designing purpose

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY

LUCKNOW

प्रज्ञा शील करूणा

ESTABLISHED 1996

Annual Report

2024-25

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

(Accredited 'A++' Grade by NAAC)

Vidya Vihar, Raebareli Road, Lucknow- 226025

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