

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
LUCKNOW
प्रज्ञा शील करुणा
ESTABLISHED 1996

ANNUAL REPORT 2023-24



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

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Babasaheb Bhimrao Ambedkar University
(A Central University)
Vidya Vihar, Raebareli Road, Lucknow - 226025
Toll Free: 1800-180-5789
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6. **School of Information Science & Technology…….**
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7. **School of Languages and Literature……..**
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8. **School of Legal Studies……..**
   - Department of human Rights……
   - Department of Law……..
   - Centre of Post Graduate Legal Studies…….

9. **School of Life Sciences…….**
   - Department of Biotechnology……..
   - Department of Zoology……

10. **School of Management & Commerce……..**
    - Department of Management Studies …….
    - Department of Commerce……

11. **School of Media and Communication……**
    - Department of Mass Communication & Journalism……..

12. **School of Pharmaceutical Sciences……..**
    - Department of Pharmaceutical Science……

13. **School of Physical and Decision Science…….**
    - Department of Chemistry……..
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14. **School of Performing Arts……..**
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15. **School of Sanskrit & Indic Studies……**
    - Department of Sanskrit and Indic Studies…….

16. **School of Yoga, Naturopathy & Cognitive Studies ……**
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17. **School of Engineering and Technology……..**
    - Department of Civil Engineering……..
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18. **School of Vocational & Futuristic Studies ……**
    - Department of Skill & Vocational Studies

19. **BBAU Satellite Centre, Amethi…….**
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Visitor

Hon'ble President of India
Smt. Droupadi Murmu

Vice- Chancellor
Prof. Sanjay Singh

Registrar	**Dr. Ashwini Kumar Singh**
Finance Officer	**Dr. Ajay Kumar Mohanty**
Controller of Examination	**Prof. Vikram Singh Yadav**
Librarian	**Dr. Sunil Goria**
Proctor	**Prof. Sanjay Kumar**
Dean Student's Welfare	**Prof. B. S. Bhadauria**

Deans of the Schools

1.	Prof. Sarvesh Kr. Singh	School of Languages & Literature
2.	Prof. Kushendra Mishra	School of Management and Commerce
3.	Prof. Preeti Misra	School of Legal Studies
4.	Prof. Gaurav Kaithwas	School of Pharmaceutical Sciences
5.	Prof. B.C. Yadav	School of Physical and Decision Science
6.	Prof. B.C. Yadav	School of Yoga, Naturopathy & Cognitive Studies
7.	Prof. Sanjay Kumar	School of Sanskrit & Indic Studies
8.	Prof. Manish Kr. Verma	Ambedkar School of Social Sciences
9.	Prof. Naveen Kumar Arora	School of Engineering and Technology
10.	Prof. Manish Kr. Verma	School of Vocational & Futuristic Studies
11	Prof. U.V. Kiran	School of Home Science
12	Prof. Sangeeta Saxena	School of Life Sciences
13	Prof. M.P. Singh	School of Information Science and Technology
14	Prof. M.P. Singh	School of Performing Arts
15	Prof. Deepa H. Dwivedi	School of Agricultural Sciences & Technology
16	Prof. Gopal Singh	School of Media & Communication
17	Prof. Rajesh Kumar	School of Earth & Environmental Sciences
18	Prof. Raj Sharan Shahi	School of Education

Heads of the Departments

1	Biotechnology	Prof. D.R. Modi
2	Chemistry	Dr. Anjani Kr. Tiwari
3	Commerce	Prof. Kushendra Mishra
4	Computer Science	Prof. Shishir Kumar
5	Economics	Prof. Neel Mani Prasad Verma
6	Education	Prof. Hari Shankar Singh
7	Environmental Microbiology	Prof. Rajesh Kumar
8	Environmental Science	Prof. Shikha
9	Food & Nutrition	Dr. Neetu Singh
10	Geology	Prof. Narendra Kumar
11	Hindi	Prof. Ram Pal Gangwar
12	History	Prof. M.R. Vejendala
13	Horticulture	Prof. Deepa H. Dwivedi
14	Human Development & Family Studies	Dr. Shalini Agarwal
15	Human Rights	Prof. Shashi Kumar
16	Information Technology	Dr. Dhirendra Pandey
17	Law	Prof. Sudarshan Verma
18	Library & Information Science	Prof. K.L. Mahawar
19	Management Studies	Prof. Amit Kr. Singh
20	Mass Communication & Journalism	Prof. Govind Ji Pandey
21	Mathematics	Dr. Sunil Kr. Singh
22	Pharmaceutical Sciences	Prof. P.S. Rajinikanth
23	Physics	Prof. B.C. Yadav
24	Political Science	Prof. Sartik Bagh
25.	Public Administration	Dr. Oshdhish Pati Bhushan Shukla
26.	Sanskrit & Vedic Studies	Prof. Ripu Sudan Singh

27.	Skill & Vocational Studies	Prof. Deepa H. Dwivedi
28.	Sociology	Prof. Jaya Shrivastava
29	Statistics	Prof. Surinder Kumar
30	Yoga	Prof. Harishankar Singh
31	Zoology	Prof. V. Elangovan

From the Vice Chancellor's Desk



I am very delighted and happy to present the **27th Annual Report** for the year **2023-2024** of the University. This is one of the most remarkable years witnessed with many unprecedent achievements. We had proudly marked our presence among the top institutions of the Country by securing **42th** position in **National Ranking framework (NIRF) 2023** under the University category. We placed top **78th** institution under management category while ranked **69th** under overall category. Besides this, University conducted various brainstorming sessions on various dimensions of social and economic life essentials for the capacity and nation building viz seminars on opportunities for differently abled persons, rehabilitation of people with social justice, rural technology, religious tourism, data analytics and computing, building Atma Nirbhar Bharat, environment issues like one earth, one family, one future etc.

University also witnesses various celebrations and motivational programmes & social activities like youth orientation programme, Jal Shakti Abhiyan and Jal Sanrakshan Samvad, Kranti Mahotsav, Capacity Building and Personality Development Programme, International Yoga day, Kargil Vijay Diwas, Constitution Day, Ambedkar Jayanti, Ek Vriksh Ek Chhatra, Ek Pedh Maa Ke Naam Abhiyaan, Vraksharopan Pakhawara, FIT India Movement, Unity Run/Walk, Health Checkup Camps were organized by reputed hospitals etc.

SC/ST Cell processed and forwarded U.P. Scholarship and other State scholarship. Twenty Eight percent of the total student applied for post-matric scholarship and fee reimbursement of government of U.P.

Dr. Ambedkar Centre of Excellence, established by Ministry of Education became functional and several students got selected in various state and national level organizations.

This is astounding feeling that the University is moving gradually to the place where the visionaries had thought for this University. The tireless support of the staff and faculty is remarkable and unforgettable. I am hopeful that University will set unmatchable milestones in the academics and society during forthcoming years.

I am very thankful to the whole University fraternity and Ministry of Education for their support and guidance.

(Shiv Kumar Dwivedi)
Acting -Vice Chancellor

Date :

Board of Management

1 **Prof. Sanjay Singh**
Vice Chancellor, BBAU, Lucknow

2 **Prof. Sarvesh Kumar Singh**
Dean, School of Languages & Literature

3 **Prof. Surinder Kumar**
Head, Deptt. of Statistics

4 ***To be nominated (as Professor)***

5 **Dr. Sunil Babu Gosipatala**
Associate Professor, Deptt. of Biotechnology, BBAU, Lko.

6 *To be nominated (as Assistant Professor)*

7 **Shri Mithlesh Kumar**
Member, Rajya Sabha

8 **Prof. (Retd.) Kailash Sodani,** Former VC
Govind Guru Tribal University, Banswara, Rajasthan

9 **Prof. Shailesh N. Zala,** Former VC
Maharaja Krishnakumarsinhji, Bhavnagar University, Gujarat

10 **Dr. Bandana Jha**
Associate Professor, (Hindi) & Coord. Mass Communication & Journalism Cell, Vasanta College for Women, Rajghat, Varanasi (UP)

11 **Prof. Geeta Singh,** Director, Centre for Professional Development in Higher Education,
UGC- HRDC, University of Delhi

12 **Secretary BOM,**
Registrar, BBAU, Lucknow.

Academic Council

1 **Prof. Sanjay Singh**
Vice Chancellor, Babasaheb Bhimrao Ambedkar University, Lucknow.

2 **Dr. G.N. Singh**
Member Secretary, Indian Pharmacopoeia Commission
Ministry of Health & Family Welfare, Government of India
Sector – 23, Raj Nagar, Gaziabad – 201 002

3 **Prof. S.K. Dwivedi**
Retd. Professor & Head
Department of Political Science
University of Lucknow
H.No. 18/337, Indira Nagar
Lucknow – 226 016

4 **Prof. Shivaraj**
Professor of Chemistry
Dean
Faculty of Science and Development & UGC Affairs
Osmania University, Hyderabad, Telangana

5 **Prof. A.N. Maurya**
Ex-Director, Institute of Ag. Sc.
Banaras Hindu University, Varanasi
66 – Saket Nagar
Lanka, Varanasi – 221 005

6 **Prof. N.M.P. Verma**
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

10 **Prof. Priti Saxena**
Department of Human Rights
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. Bhaduaria**
Department of Mathematics
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 Mishra**
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 Statistic
Babasaheb Bhimrao Ambedkar University, Lucknow.

29 **Prof. Gajanan Pandey**
Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

30 **Prof. Kushendra Mishra**
Department of Rural Management
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 Biotechnology
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 & Info. 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 HD&FS
Babasaheb Bhimrao Ambedkar University, Lucknow.

54 **Prof. Gaurav Kaithwas**
Department of Pharmaceutics
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 & Info. 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 HD&FS
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. Dhirendra Pandey, Asso. Prof.**
Head, Department of Information Technology
Babasaheb Bhimrao Ambedkar University, Lucknow.

79 **Dr. Nandkishor S. More, Asso. Prof.**
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

80 **Dr. G. Sunil Babu, Asso. Prof.**
Department of Biotechnology
Babasaheb Bhimrao Ambedkar University, Lucknow.

81 **Dr. Jay Shankar Singh, Asso. Prof.**
Department of Environmental Microbiology
Babasaheb Bhimrao Ambedkar University, Lucknow.

82 **Dr. Mahendra Kumar Padhy, Asso. Prof.**
Department of Mass Comm. & Journalism
Babasaheb Bhimrao Ambedkar University, Lucknow.

83 **Dr. Devendra Singh, Asstt. Prof.**
Department of Physics
Babasaheb Bhimrao Ambedkar University, Lucknow.

84 **Dr. Preeti Gupta, Asstt. Prof.**
Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

85 **Dr. Renu Pandey, Asstt. Prof.**
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow.

86 **Dr. Rahul Varshney, Asstt. Prof.**
Department of Statistics
Babasaheb Bhimrao Ambedkar University, Lucknow.

87 **Dr. Sunil Goriya**
Librarian
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

Finance Committee

1. **Prof. Sanjay Singh**
   Vice Chancellor, BBA University
   Vidya Vihar, Raebareli Road, Lucknow

2. **Dr. Suman Kumar**
   Finance Officer, Jawaharlal Nehru University,
   New Delhi – 110067

3. **Dr. Jitendra Dev Gangwar**
   Finance Officer
   Indira Gandhi National Open University
   Maidan Garhi, New Delhi 110068

4. **Prof. Sanjay Kumar**
   Dean, School of Agricultural Sciences and Technology
   BBAU, Lucknow – 226025

5. **Joint Secretary & Finance Advisor**
   Department of Higher Education
   Ministry of Education,
   Shastri Bhawan, New Delhi-110 001

6. **Joint Secretary (CU)**
   Department of Higher Education
   Ministry of Education
   Shastri Bhawan, New Delhi-110 001

7. **Joint Secretary (CU),**
   University Grants Commission,
   Bahadur Shah Zafer Marg, New Delhi – 110 002

8. **Dr. A.K. Mohanty**
   Finance Officer
   Ex-officio Secretary, BBAU, Lucknow

Planning Board

1.		**Vice Chancellor** Ex-Officio, Chairman, BBAU, Lucknow
2.	**16(6)(iii)**	**To be nominated**
3.	**16(6)(iii)**	**To be nominated**
4.	**16(6)(iv)**	**To be nominated**
5.	**16(6)(iv)**	**To be nominated**
6.	**16(6)(v)**	**To be nominated**
7.	**16(6)(v)**	**To be nominated**
8.	**16(6)(vi)**	**To be nominated**
9.	**16(6)(vi)**	**To be nominated**
10.	**16(6)(vii)**	**To be nominated**
11.	**16(6)(viii)**	**To be nominated**
12.	**16(6)(ix)**	**To be nominated**
13.		**Registrar** Ex-Officio, Secretary, BBAU, Lucknow

School of Agricultural Sciences and Technology

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 funneling, saving and consumption behavior 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, fiber 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.

- **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)

Special Highlight of the Schools:
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., fiber 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 (IVthsemester) 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.

Department of Horticulture

The Department offers M. Sc. (Ag.) and Ph.D. Programmes in Horticulture. Initially, there was a one year (two semester) PG Diploma course in Horticulture known as PG Diploma in 'Seed and Nursery Production' under the Centre for Rural Technology (CRT) that was started in the Academic Session 1997 and continued up to the academic session 2000-2001. The course was upgraded to Master Degree Programme in Horticulture from the academic session 2001-2002 after creation of Department of Applied Plant Science (Horticulture) under the School of Bio Sciences and Biotechnology. Since then concerted efforts have been made to conduct research on all aspects of Horticultural crops viz., Fruits, Vegetable, Ornamentals, Medicinal & Aromatic crops and Aquatic plants in order to improve their productivity and quality. Recently, School of Agricultural Science and Technology (SAST) came in brief under which Department of Horticulture is existing. Another course i.e. B. Voc. (Floriculture and Landscape Gardening) is also running under the aegis of the Department of Horticulture.

About B. Voc. (Floriculture and Landscape Gardening)
To develop skill and employability among youth, short term and long certificate courses, diploma courses and various vocational courses have also been emphasized by government of India at various platforms. The basic aim of these courses is to increase self-sufficiency and self-dependence of younger generation, motivating them for entrepreneurship.

B. Voc. (Floriculture and Landscape Gardening) targets the floriculture and nursery industry, besides the various opportunities for landscaping in hotels, land developers and government gardens and aims to prepare a person for handling various job opportunities in public and private sector as well as help for entrepreneurship development. The department has also started 3 years B. Voc Course (Bachelor of Vocational Course) in Floriculture and Landscape Gardening from 2014.

- **Course Offered:**
  i. B. Voc. (Floriculture and Landscape Gardening)
  ii. M.Sc. (Hort.) in Fruit Science
  iii. M.Sc. (Hort.) in Vegetable Science
  iv. Ph.D. (Hort.) in Fruit Science
  v. Ph.D. (Hort.) in Vegetable Science

- **Facilities available in the department:**

A. Teaching facilities (Classrooms)
- ❑ Well-equipped classrooms for Masters as well as Ph.D. programmes are available
- ❑ Well-equipped smart classroom available in the department.
- ❑ Use of modern teaching aids by faculty.

B. Horticulture PG/Research Laboratories

Basic Laboratory equipment's available:
- ❑ Digital Hand Refractometer
- ❑ Digital VernierCallipers
- ❑ Centrifuge
- ❑ Rotary Evaporator
- ❑ Spectrophotometer
- ❑ Power Tiller
- ❑ Laminar Air flow

In the pipeline:
- ❑ Electrophoresis unit
- ❑ Portable Digital Leaf Area meter

C. Horticulture Research Farm
- ❑ Fruit Germplasm Block
- ❑ Various Protected /Greenhouse Structures
- ❑ Micro-irrigation systems like

- ❑ Micro-sprinkler
- ❑ Fogger
- ❑ Drip irrigation

❑ Equipments like mechanized Brush Cutter, Duster cum sprayer and Pole Pruner

- **Details of Faculty:**

i. Prof. Sanjay Kumar
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.)

- **Co-curricular/Extra-curricular/sports Activity by the department:**
  i. Introduction, Evaluation and Maintenance the Germplasm of Fruit Crops
  ii. Introduction, Evaluation and Maintenance of Ornamental Aquatic Plants namely Lotus, Water lily, Water chestnut etc.
  iii. Hi-tech Horticulture i.e. Green House Technology/Protected Cultivation (Net House, Shade House, Poly House and Fiber Glass House, Micro Irrigation, High Density Planting etc.)
  iv. Development of Botanical Garden (20 acres)
  v. Biodiversity Conservation Park cum Natural Lake, (10 acres)
  vi. Development of Greenery through plantation program in BBAU campus
- **Members/fellowship of professional/academic bodies/editorial board:**

i. PROF. SANJAY KUMAR

A. MEMBER OF ACADEMIC BODIES

A. Prof. Sanjay Kumar

i. Chairperson, School Board, School of Agricultural Sciences& Technology. B.B. A. U., Lucknow
ii. Chairperson, School Board, School of Sanskrit and Indic Studies, B. B. A. U., Lucknow
iii. Expert member for various posts of U.P.P.S.C., Allahabad
iv. Member, Departmental Research Committee, B.B.A.U., Lucknow
v. Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
vi. Member, Admission Committee, B. B. A. University, Lucknow

vii. Member, Academic Council, B. B. A. University, Lucknow
viii. Ph. D. Thesis evaluation and Viva-voce examination of B. H. U., Varanasi
ix. Ph. D. Thesis evaluation of I. A.R.I., New Delhi
x. Paper setter and Practical examiner of Integral University, Lucknow
xi. PG Thesis Evaluator of I. A. R. I., Lucknow
xii. M. Sc. (Ag.) Horticulture thesis evaluation of B. H. U. Varanasi
xiii. Member Board of Studies of V. B. S. Purvanchal University, Jaunpur
xiv. Member Board of Studies of H. N. B. Garwal University, Srinagar (Uttrakhand)
xv. Judge of PradeshikShak-BhajiEvamPuspaPradarshini, Raj Bhawan, Lucknow
xvi. Paper setter of various courses of BUAT, Banda
xvii. Paper setter of course code of FSC-223 of CSAUA&T, Kanpur
xviii. Paper setter of course code of FSC-223 of ANDUA&T, Kanpur
xix. Member of Screening Committee of BBAU, Lucknow
xx. Member of Apex Committee for Convocation
xxi. Member of the committee constituted for Paper Setting Policy
xxii. Examiner for conducting Ph. D. Oral Comprehensive examination of Bihar Agricultural University, Sabour
xxiii. Selection committee member of Assistant Professor in the Deptt. of Sanskrit and Vedic Studies
xxiv. Selection committee member of Professor in the Deptt. of Horticulture
xxv. Chairperson, CBCS Implementation Committee

B. PROFESSIONAL MEMBERSHIP:

i. Progressive Horticulture, Hill Horticulture Development Society, Chaubatia, Almora
ii. Vegetable Science, Indian Institute of Vegetable Research, Varanasi
iii. Indian Journal of Horticulture, Indian Agricultural Research Institute, New Delhi
iv. Journal of Ornamental Horticulture, Indian Agricultural Research Institute, New Delhi
v. Progressive Agriculture, S. V. B. Patel University of Agri. & Tech., Meerut
vi. Flora and Fauna, B.B. P.G. College (Bundelkhand University), Jhansi
vii. Hort. Flora Research Spectrum, Meerut
viii. Progressive Research, Society for Scientific Development in Agriculture &Technology, Meerut

ii. PROF. DEEPA H. DWIVEDI:

A. MEMBER OF ACADEMIC BODIES

i. Member of Board of PG studies, Department of Horticulture, CHF, Jhalarapatan, Jhalawar, Rajasthan
ii. Chairperson, Internal Compliant Committee, BBAU, Lucknow
iii. Coordinator, Department of Skill and Vocational Studies, BBAU, Lucknow
iv. Professor-In-Charge, Gardening and Beautification, BBAU, Lucknow
v. Chairperson, Board of Post Graduate Studies, DoH, BBAU, Lucknow
vi. Chairperson, Departmental Research Committee, DoH, BBAU, Lucknow
vii. Chairperson, Board of Under Graduate Studies, DoH, BBAU, Lucknow

Reviewer in Journals

i. Reviewer in Emergent Life Sciences Research An International Journal
ii. Reviewer in Philippine Journal of Science

iii. PROF. M. L. MEENA:

A. MEMBER OF ACADEMIC BODIES

i. Assistant Dean Student Welfare of the University
ii. Assistant Proctor of the University
iii. Estate Officer of the University
iv. In-charge of estate office of the university
v. Member of Proctorial Board of the University
vi. Member of the Deptt. Research Committee
vii. Member of Board of Studies of Horticulture
viii. Member of Board of Under Graduate Studies for B.Voc

ix. Member of School Board, SB & BT
x. Member of Deptt. Purchase Committee
xi. Member of Admission Committee
xii. Member of the Beautification Committee of the University
xiii. Member of the SC/ST Advisory Committee of the University
xiv. Member of the University Service Scheme of BBAU
xv. Member of Deptt. NAAC Committee
xvi. Judge of PradeshikShak-BhajiEvamPuspaPradarshini, Raj Bhawan, Lucknow
xvii. Paper setter of various courses of BUAT, Banda

B. PROFESSIONAL MEMBERSHIP:

i. Progressive Horticulture, Hill Horticulture Development Society, Chaubatia, Almora
ii. Vegetable Science, Indian Institute of Vegetable Research, Varanasi
iii. Indian Journal of Horticulture, Indian Agricultural Research Institute, New Delhi
iv. Journal of Ornamental Horticulture, Indian Agricultural Research Institute, New Delhi
v. Progressive Agriculture, S. V. B. Patel University of Agri. & Tech., Meerut
vi. Hort-Flora Research Spectrum, Meerut

iv. DR. GULAB CHAND YADAV

i. Member of Department council from 05/08/2022.
ii. Member of Admission committee of Department for UG and PG.
iii. In-charge HRF-II
iv. Member o Academic Council of University
v. Member od BPGS of the DOH
vi. Member of DRC of DOH
vii. Member of School Board of SAS&T
viii. Member of Board of Studies of SRM University Barabanki
ix. Life membership of Indian Society of Vegetable Science, IIVR, Varanasi.
x. Life membership of Indian Society of Horticulture Research and Development (ISHRD), Almora. Utterakhand.
xi. Annual Member of PurwanchalKheti Magazine of NDUAT KumarganjFaizabad.
xii. Life member of Noni research foundation.
xiii. Life membership ofSociety for Agriculture Innovation and Development (SAID), Ranchi, Jharkhand, India.
xiv. Life membership ofSociety for Scientific and Social Development (SSSD), Meerut(UP).
xv. Life membership of Agricultural Technology Development Society (ATDS) Ghaziabad, Uttar Pradesh, India

v. DR. SUTANU MAJI:

A. MEMBER OF ACADEMIC BODIES

i. Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
ii. Member, Departmental Research Committee, B.B.A.U., Lucknow
iii. Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
iv. Member, Admission Committee, B.B.A. University, Lucknow
v. Member, RDCU, B.B.A. University, Lucknow

B. PROFESSIONAL MEMBERSHIP:

i. Life member of Crop and Weed Science Society BCKV
ii. Life member of Hi- Tech Horticulture Society, Meerut
iii. Life member of SVWS, Lucknow
iv. Life member of Biosciences and Agriculture Advancement Society, Uttar Pradesh
v. Life member of International Society for Minor Fruits, Medicinal and Aromatic Plants

D.EDITORIAL BOARD

i. **Associate Editor.** Journal of Crop and Weed. (P ISSN: 0974-6315; E ISSN: 2349 -9400), NAAS 5.46

E. REVIEWER OF JOURNALS

i. Panel reviewer **Elsevier,** ScientiaHorticulturae, Journal of Soil Science and Plant Nutrition,
ii. International Journal of Science, Technology & Society, International Journal of Minor Fruits, Medicinal and Aromatic Plants

vi. DR. RAVI SHANKAR VERMA:

A. MEMBER OF ACADEMIC BODIES

i. In-charge, Sanitation Section, BBAU
ii. Member, Garden and Beautification Committee, BBAU
iii. Member and Convenor, Proctorial Board, BBAU
iv. Member and Convenor, Botanical Garden Committee, BBAU
v. Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
vi. Member, Departmental Research Committee, B.B.A.U., Lucknow
vii. Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
viii. Member, Admission Committee, B. B. A. University, Lucknow
ix. Member, RDCU, B.B.A. University, Lucknow

B. PROFESSIONAL MEMBERSHIP:

i. The Horticultural Society of India (HSI), New Delhi
ii. Society for Agriculture Innovations and Development (SAID), Ranchi (Jharkhand) India.
iii. Society of Scientific Development in Agriculture & Technology (SSDAT), Meerut (U.P) India.
iv. Blue Planet Society, Allahabad, U.P.(INDIA)
v. Glocal Environment & Social Association- New Delhi (India).
vi. Asian Biological Research Foundation- Prayagraj, (India).

DR. RUBEE LATA:

A. MEMBER OF ACADEMIC BODIES

i. Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
ii. Member, Departmental Research Committee, B.B.A.U., Lucknow
iii. Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
iv. Member, Admission Committee, B. B. A. University, Lucknow
v. Member, RDCU, B.B.A. University, Lucknow

B. PROFESSIONAL MEMBERSHIP:

i. Life member of Asian Biological Research Foundation (MABRF), Prayagraj, India since December, 2019.
ii. Life member of BBAU Alumni Association since 15th July, 2021
iii. Asian Biological Research Foundation- Prayagraj, (India).

- **Details of Book written/edited by faculty members:**
- Glimpses of Vegetable Science for Competitive Examinations. by Yadav, A. and **Yadav, G.C.;** Daya Publishing House a division of Astral International Pvt. Ltd. New Delhi. **ISBN :978-93-5919-761-6(PB)**

- **Details of Book Chapter in edited volume:**

Dr. Sutanu Maji:

i. Ankit Kumar Goyal, Sutanu Maji, Jaya Bharti Ahirwar, S K Goyal and Amit Kanojya (2023). Foolgobhi ki byaparikkheti. Vindhya Krishi. 17 (1-3): 21-27

- **Paper published during the year by the faculty members (during 01-04-2023 to 31-03-2024)**

PROF. SANJAY KUMAR:

i. Diksha Sangh Mitra, **Sanjay Kumar**, Shatrunjay Yadav, Shweta Verma and Lokesh Yadav (2023). Assessment of Genetic Variability, Heritability and Genetic Advance among Different Characters in Tomato [Solanum lycopersicum (Mill.) Wettsd]. International Journal of Environment and Climate Change 13(11): 2742-2750.

ii. Vipnesh Singh, RS Verma, **Sanjay Kumar**, Rubee Lata, Shatrunjay Yadav and Dharmraj Meena (2023). Efficacy of foliar spray of micronutrients and fruit bagging on physiochemical attributes of guava (Psidium guajava L) cv. Allahabad Safeda. The Pharma Innovation Journal 12(7): 1430-1433.
iii. Dharmraj Meena, RS Verma, **Sanjay Kumar**, Rajesh Kumar Meena, Ramesh Chand Meena and Vipnesh Singh (2023). Effect of integrated nutrient management on growth and yield of radish (Raphanus sativus L.) cultivars. International Journal of Advanced Biochemistry Research 2024; 8(2): 190-192.

PROF. DEEPA H. DWIVEDI:

i. Mohammad Faizan Husain , Devi Singh, C. John Wesley, Vijay Bahadur, Ankit Singh Bhadauria and **Deepa H. Dwivedi** (2023). Influences of Different Sowing Dates with Application of GA3 on Germination and Seedling Growth of Cape Gooseberry (Physalis peruviana L.) in Subtropical Condition Prayagraj. International Journal of Environment and Climate Change. Volume 13, Issue 8, Page 1388-1396, 2023; Article no.IJECC.100961 ISSN: 2581-8627
ii. **Deepa H. Dwivedi,** Rishabh, Ujjawal Srivastava (2023). Wetland Horticulture: New Dimensions. Progressive Horticulture 55 (2), 79-94.
iii. Sunil Kumar, **Deepa H. Dwivedi,** Putan Yadav, Virendra Kumar and Rameshwar Dayal (2023). Evaluation of Broad Bean (Vicia faba L) Genotypes for Genetic Variability, Heritability and Genetic Advance. International Journal of Environment and Climate Change Volume 13, Issue 11, Page 1523-1529, 2023; Article no.IJECC.107953 ISSN: 2581-8627.
iv. Sarjesh Kumar Meena, **Deepa H. Dwivedi**, Tendul Chouhan, Krishna Jat, Monika Bhanwariya, Dilkush Meena and Neha (2023). Ultimate Analysis of Water Chestnut (Trapa natans Var. bispinosaRoxb) Affected by Various Inorganic and Organic Sources. International Journal of Plant & Soil Science Volume 35, Issue 21, Page 879-885, 2023; Article no.IJPSS.109002 ISSN: 2320-7035
v. S Kishor, **Deepa H Dwivedi** , S Maji And CS Ahirwar (2023). Analysis of Intra- Cultivar Hetero geneity in Dashehari Mango (Mangifera Indica L.) By Using Scanning Electron Microscopye. Bangladesh J. Bot. 53(2): 391-399, 2024

PROF. M. L. MEENA:

i. Tiwari Abhishek **Meena ML** Shukla Rinki, Abha Ruchika, Meena Ramesh Chand, Shukla IN IN. (2023) Effect of foliar application of zinc and boron on yield of tomato (*Lycopersicon esculentum* Mill.) cv. Azad T-6. Pharma Innovation;12(12):3082-3085
ii. Yadav, S. R .K.Meena,Hariyana, K. Chawla, G. **Meena ML,** and Saini, S. **(2023)**. Effect of integrated nutrient management on quality of Radish (*Raphanus sativus* L.) cv. Japanese white. *Biological Forum-An international journal*; 15 (10): 962-964
iii. Kishore Braj , **Meena M.L. ,**Nirankar, S. Verma , Goyal A.K. , S. kumar and Yadav S. (2023). Effect of different spacing and varieties on growth, quality and yield of onion (*Allium cepa L.*). *International journal of plant & soil science; 35(12): 144-151*
iv. Yadav Shatrunjay , Kumar Sanjay , **Meena M.L. ,** Verma R.S. , Anushruti , Kumar Lalit, Sonkar V.K., Singh Vipnesh , Shukla Usha and Meena Dharmraj (2023). Effect of different varieties and spacing on growth and yield of cabbage (*Brassica olereacea* L. var. *capitata*). *Eco. Env. & Cons.* 29 (May Suppl. Issue) : (S31-S35)

DR. GULAB CHAND YADAV

i. Kumar, L. and Yadav, G. C. (2023). Evaluation of the Performance of Parental Lines and Their F1 Hybrids for Yield and Attributing Traits in Tomato (Solanum lycopersicumL.). Int. J. Pl. Soil Sci.35(5): 77-85
ii. Kumar, L. and Yadav, G. C. (2023). Estimations of heritability in a narrow sense and genetic gain for diversetype scripts in tomato (Solanum lycopersicumL.). Biological Forum:An Int. Jounal.15(2): 481-484
iii. Yadav, S. and Yadav, G. C. (2023).Evaluation of Performance for the Quantitative Traits in Tomato (Solanum lycopersiconL.) Over Seasons. Int. J. Pl. Soil Sci.35 (3): 60-74
iv. Yadav, S. and Yadav, G. C. (2023).Estimation of heritability in narrow sense and genetic advance in percent of mean for different characters in tomato (Solanum lycopersiconL.). The Pharma Innovation Journal12(2): 2855-2858
v. Kumar, S. and Yadav, G. C. (2023).Evaluation of performance for the quantitative traits in bottle gourd [Lagenariasiceraria(Mol.) Standl.] under Eastern Uttar Pradesh, India. The Pharma Innovation Journal12(3): 1812-1819

vi. Kumar, S.; Yadav, G.C.; Prajapati, J.; Kumar, L. ;Yadav, L. and Anjana C.S. (2023).Estimation of Genetic variability and Response to Selection in brinjal (Solanum melongenaL.). Biological Forum – An International Journal 15(8): 211-214
vii. Yadav, A. ;Yadav, G. C.; Abha, R.; Singh, V. and Yadav, P.(2023). Estimation of heterosis for yield and quality in bottle gourd (Lagenariasiceraria (Mol.) Standl.) over seasons under salt affected soil. Int. J. Pl. Soil Sci.35 (18): 1887-1903
viii. Yadav, A.; Yadav, G. C.; Abha, R.; Singh, V. and Yadav, P.(2023). Relationship between different grothand yield traits in bottle gourd (Lagenariasiceraria (Mol.) Standl.) with path coefficient analysis over seasons under salt affected soil. Int. J. Environ. Climate change 13 (10): 1522-1538
ix. Chaudhary, A. K.; Yadav, G. C.Maurya, R. K.; Anjna, C.S. and Prajapati, J. (2023). Estimates of genetic variability, yield and quality traits of brinjal(Solanum melongenaL.). Int. J. Environ. Climate change 13 (9): 583-589
x. Chaudhary, A. K.; Yadav, G. C. Prasad, lalu; Yadav, A.Kumar. R; Kumar L. and Rajbhar, R.(2024). Effect of correlation and path analysis in brinjal(Solanum melongenaL.). Plant Cell Biotech. and Molecular Biology 25(1-2):100-109
xi. Anjna, C.S.; Yadav, G. C.; Singh, N. Kumar, S. and Chaudhary, A. K.(2023). Studies on heterosis for yield and its components traits in brinjal(Solanum melongenaL.). Int. J. Environ. Climate change 13 (11): 4712-4717
xii. Maurya, H. K.; Mishra , D. P.; Singh, H.; Yadav, G . C.; Singh, J. and Singh, N. (2023) Evaluation-of-the-relations-between-yield-and-yield-components-of-Fenugreek-(Trigonella-foenum-graecum-L.)-by-correlation-and-path-analysis. Biological Forum – An International Journal 15(10): 1228-1231
xiii. Singh, D. B.; Yadav, G. C.;, Singh,. N. K. ; Tiwari, A. (2023). Estimates of genetic variability and scope of selection for yield and its attributes in chilli (Capsicum annuum L.). Biological Forum – An International Journal 15(11): 96-99
xiv. Singh, D. B.; Yadav, G. C.; Singh,. N. K. ; Kumar, R. and Prashant(2023). Estimate of genotypic and phenotypic correlation coefficients in chilli (Capsicum annuum L.).Int. J. Environ. Climate change 13 (12): 783-792
xv. Anjali, G. C. Yadav; Harshitha , C. R.; Patel, A. K. and Gautam, A. (2024). Genetic estimations of available quality traits for improved growth yield of pumpkin (Cucurbitamoschata Duch) in Kumarganj India. .). Int. J. Environ. Climate change 14 (2): 69-73

DR. SUTANU MAJI:

i. Pankaj Kumar Meena, Sutanu Maji* and Meezan Ali. (2023). Augmentation of Rooting and Shooting in Stem Cuttings of Dragon [*Hylocereus costaricensis* (Web.) Britton and Rose]. Indian Journal of Ecology 50(2): 404-407DOI: https://doi.org/10.55362/IJE/2023/3911
ii. Deen Dayal Upadhya, Ankit Kumar Goyal, Sutanu Maji, Arpita Dwivedi and Gajanan Pandey (2023). Biosynthesis of ZnO and TiO_2 nanoparticles using *Ipomoea carnea* leaf extract and its effect on black carrot (*Daucus carota* L.) cv. Pusa Asita. Plant Physiology and Biochemistry. 202: 1-11 (107908) https://doi.org/10.1016/j.plaphy.2023.107908
iii. Maya Ram, Sutanu Maji, Razauddin, Mata Prasad, R C Meena, Rajesh Kumar Meena, Sudheer Kumar Yadav (2023). Estimate the yield and quality response of year round onion production. AMA, Agricultural Mechanization in Asia, Africa and Latin America, 54 (09): 15561-15567.
iv. Monika Bhanwariya, Sutanu Maji, Sunil Kumar, Tendul Chouhan and Sarjesh Kumar Meena (2023). Effect of Naphthalene Acetic Acid (NAA) for root induction of dragon fruit explants under laboratory conditions. The Pharma Innovation Journal. 12(10): 479-481
v. Monika Bhanwariya, Sutanu Maji, Sarjesh Kumar Meena, Tendul Chouhan and Krishna Jat (2023). Effect of various concentrations of n-6-benzyl aminopurine (BAP) on the growth of shoots in dragon fruit explants. 476-478 The Pharma Innovation Journal. 12(10): 476-478
vi. Tendul Chouhan, Sutanu Maji, Sarjesh Kumar Meena, Monika Bhanwariya, Krishna Jat, Razauddin and Neha (2023). Influence of KNO_3 and GA_3 on Vegetative Growth of Dragon Fruit [*Hylocereus costaricensis* (Web.) Britton and Rose]. Biological Forum – An International Journal 15(10): 324-327
vii. Mata Prasad, Sutanu Maji and Maya Ram (2023). Effect of dates of transplanting on bulb yield and quality of kharif onion cultivars. International Journal of Minor Fruits, Medicinal and Aromatic Plants. 9 (2): 109-115. DOI : 10.53552/ijmfmap.9.2.2023. 109-115

viii. Sutanu Maji, Pragya Ananad and Yusuf Akhter (2023). An Updated Account of Multifaceted Medicinal Values of Garlic: A Systematic Review. Current Traditional Medicine Published by Bentham Science, 10 DOI: 10.2174/0122150838254577230926114153

DR. RAVI SHANKAR VERMA:

i. Studies on effect of foliar different cutting and varieties on yield and quality parameter of spinach beet (Beta vulgaris var. Bengalensis l.) authored by Shani Kumar, R.B. Ram, Subhash Verma, Ravi Shankar Verma, Braj Kishore, Veersain, Mata Prasad. Published in Scientist 2023; SCI 4(4)2023; 44-50.
ii. To studies performance of varieties and spacing on growth, yield and quality attributes of broccoli (Brassica oleracea var. italica Plenck) in Lucknow condition. Authored by Subhash Verma, R.B. Ram, Ravi Shankar Verma, Shani Kumar, Braj Kishore, Veersain, and Mukesh Kumar. Published in Environment and Ecology 2023; 41(3A):1552-1557.
iii. Effect of foliar spray of micronutrients and fruit bagging on physiochemical attributes of guava (Psidium guajava) cv. Allahabad safeda. authored by Vipnesh Singh, R.S. Verma, Sanjay Kumar, Rubee Lata, Shatrunjay Yadav and Dharmraj Meena published in The Pharma Innovation Journal 2023;12(7):1430-1433.
iv. Efficacy of foliar spray of micronutrients and fruit bagging on physical and yield attributes of guava (Psidium guajava) cv. Allahabad safeda. Authored by Vipnesh Singh, R.S. Verma, Shatrunjay Yadav, Devi Darshan, Rajesh Kumar Meena and Dharmraj Meena published in Biological Forum-An International Journal 12(4):840-843(2023).
v. Effect of integrated nutrient management on yield and quality of radish (Raphanus sativus L) Cultivars Authored by Dharmraj Meena, R.S. Verma, M.L.Meena, Rajesh Kumar Meena, Ramesh Chand Meena and Vipnesh Singh published in Indian Journal of Pure & Applied Biosciences (2024)12(1),70-76.
vi. Effect of integrated nutrient management on growth and yield of radish (Raphanus sativus L) Cultivars Authored by Dharmraj Meena, R.S. Verma, Sanjay Kumar Rajesh Kumar Meena, Ramesh Chand Meena and Vipnesh Singh published in International Journal of Advanced Biochemistry Research 2024;8(2),190-192.
vii. Effect of integrated nutrient management on yield and quality of radish (Raphanus sativus L) Cultivars Authored by Dharmraj Meena, R.S. Verma, Rajesh Kumar Meena, Ramesh Chand Meena published in International Journal of Advanced Biochemistry Research 2024;8(2),205-209.
viii. Studies on chemical attributes of guava (Psidium guajava L.) genotypes in awadh region Authored by Saurabh Verma, Ravi Shankar Verma, Shyam Sundar and Amrendra Singh published in International Journal of Advanced Biochemistry Research 2024;8(2),274-275.

a. Participation in orientation/refresher course/workshop/seminar/conference

1. Refresher course on Natural Farming for environmental sustainability and development under MM-TTP of University Grant Commission organized by UGC-MMTTC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG) from 12.02.2024 to 24.02.2024.

DR. RUBEE LATA:

i. Lata, S., Lata, R. and Ram. R.B. (2023). Lotus: A sacred, valuable and sustainable aquatic plant. Sustainability, Agri, Food and Environmental Research, 12(1).
ii. Singh, V., Verma, R.S., Kumar, S., Lata, R., Yadav, S. and Meena, D.(2023). Efficacy of foliar spray of micronutrients and fruit bagging on physiochemical attributes of guava *(Psidium guajava* L.) cv. Allahabad Safeda. The Pharma Innovation Journal. 12(7):1430-1433.
iii. Mirch ki vaigyanik kheti, rog tatha keet prabandhan, in Krishak Bharti, September-2023, pg. no. 77 authored by Himanshu Singh, Ajeet Singh, Hareesh Kumar Maurya, Rubee Lata , Jayshree Singh.
iv. Shukla, U., Lata, R., Maji, S., Yadav, S. Yadav, S., Anushruti, Sonkar, V.K. andMaurya, H.K. Uttar Pradesh rajya mai kaitha ki vaigyanik kheti. November, 2023, pg. no. 47

- **Attended/Participated in conference/seminar/workshop inside country**

PROF. SANJAY KUMAR:

i. **Lead Speaker- Research Initiatives in Vegetable Crops presented** atNational Conference on Prospects and Challenges: Promoting Sustainable Farming Systems in Mountain Regions of Uttarakhand during March 14-16, 2024.

DR. M. L. MEENA:

i. Participated & Paper presentation on "**Role of ICT in modern horticulture"**in National Conference on Recent Trends in Science and TechnologyChallenges February 23, 2024 organized by Department of Information Technology, SIST,BBAU,Lucknowheld at Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Participated & Paper presentation on" **Improving waste management in protected horticultural crops." in**International conference on Waste recycling & Environment technology (WRET-2024) organized by Department of Environmental Science, BBAU held at. BBAU, Lucknow (U.P.)

b. Participation in orientation/refresher course/workshop/seminar/conference

1. Delivered lecture on "Soil health management**"** on 29-12-2023 in 3 days training programm organized by India literacy board Manas nagarKanpur road Lucknow
2. Delivered lecture on "Importance and possibilities of horticulture and protected cultivation**"** on 17-02-2024 in 3 days training programmorganized by India literacy board Manas Nagar Kanpur Road Lucknow

DR. GULAB CHAND YADAV:

i. Participated in Two day's ISVS Golden Jubilee National Seminar on Technological Innovation in Vegetable Production under Changing Climate Regimeat ANDUAT Ayodhya during Feb 24-26, 2024.

DR. SUTANU MAJI:

i. International conference on Agriculture Innovations for sustainable development goals with special focus on natural farming (AISDGONF-2023Crop and Weed Science Society BCKV on September 30 – October 2, 2023.

DR. RAVI SHANKAR VERMA:

i. Paper presentation in National Conference on 'Recent Trends in Science and Technology NCRTST-2024) February, 23, 2024, held at Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Participated in One Day National Science Conference on 'Indigenous Technologies in Physical Sciences for Viksit Bharat 2024 on the occasion of National Science Day', held on 28th February, 2024 2018held at Babasaheb Bhimrao Ambedkar University, Lucknow.

International conference/journals/paper presentation (if any):

i. International conference on Waste recycling and Environmental technology (WRET-2024 held on 8-9th February, 2024 organized by Department of Environmental Science, BBAU, Lucknow

iii. Participation in orientation/refresher course/workshop/seminar/conference

i. Refresher course on Natural Farming for environmental sustainability and development under MM-TTP of University Grant Commission organized by UGC-MMTTC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG) from 12.02.2024 to 24.02.2024.

DR. RUBEE LATA:

i. Attended online 21 Days certificate-cum-training program on "Agri Skill India" (ASI-2023) from 9th to 29th April, 2023 jointly organized by ICAR-Indian Institute of Maize Research, Punjab and Hindustan Agricultural Research Welfare Society (HARWS), Agra.

ii. Completed 01 month International training cum certificate course on "Precision Agriculture: Farming with new Perspectives" organised by CSJM University, Kanpur & ICAR-ATARI, Kanpur in collaboration with ICRISAT-Hyderabad, IIMR, Hyderabad, CISH, Lucknow, IIPR, Kanpur, CAU, Imphal, CSAUAT, Kanpur, ANDUAT, Ayodhya, RLBCAU, Jhansi, RVSKVV, Gwalior, SKUAST, Kashmir, SKUAST, Jammu, SVPUAT, Meerut, NHRDF New Delhi, CAIE NABARD and Agri Meet Foundation from 15th May to 13th June, 2023 by online mode.

iii. Participated in the International Conference on "Waste Recycling and Environmental Technology (WRET-2024)" held during 8th - 9thFebruary, 2024 organized by the Department of Environmental Science, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

iv. Participation in orientation/refresher course/workshop/seminar/conference

i. Refresher course on Natural Farming for environmental sustainability and development under MM-TTP of University Grant Commission organized by UGC-MMTTC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG) from 12.02.2024 to 24.02.2024.

- **Details of International Award/fellowship :**

PROF. SANJAY KUMAR:

1. Best Achiever Award by the University being Proctor

V. Students achievements:

- **Faculty wise supervision of the Ph.D. and M.Phil student/Dissertation and thesis submission/degree awarded.**

Currently Enrolled in Ph.D.

Sr. No.	Name of the Ph.D. Scholar	Name of the Faculty
1	Mayaram	Dr. Sutanu Maji, Assistant Professor
2	RuchikaAbha	Prof. M. L. Meena, Professor, DoH
3	Brajendra Kr. Pushkar	Dr. RubeeLata, Assistant Professor, DoH
4	AbhishekTiwari	Prof. M. L. Meena, Professor, DoH
5	Razauddin	Dr. Sutanu Maji, Assistant Professor
6	Ramesh Chand Meena	Dr. Sutanu Maji, Assistant Professor
7	Anushruti	Prof. Deepa H. Dwivedi, Professor
8	Sudheer Kumar Yadav	Prof. Deepa H. Dwivedi, Professor
9	UshaShukla	Dr. RubeeLata, Assistant Professor, DoH
10	Vikash Kumar Sonkar	Prof. Sanjay Kumar, Professor, DoH
11	Rajesh Kumar Meena	Prof. Deepa H. Dwivedi, Professor
12	Dharmraj Meena	Dr. R. S. Verma, Assistant Professor, DoH
13	Dinesh Kumar Meena	Prof. Sanjay Kumar, Professor, DoH
14	Sunil Kumar Rawat	Prof. Sanjay Kumar, Professor, DoH
15	Hareesh Kumar Maurya	Dr. RubeeLata, Assistant Professor, DoH
16	DikshaSanghMitra	Prof. Sanjay Kumar, Professor, DoH
17	ShyamSundar	Prof. Deepa H. Dwivedi, Professor
18	Prashant	Prof. G. C. Yadav, Professor
19	Niraj Kumar Prajapati	Prof. Sanjay Kumar, Senior Professor
20	Ritika Sinha	Prof. Sanjay Kumar, Senior Professor
21	Anamika Chaurasiya	Prof. G. C. Yadav, Professor
22	Pradeep Kumar	Prof. G. C. Yadav, Professor
23	Aditya Kumar Maurya	Prof. Deepa H. Dwivedi, Professor
24	Bipin Kumar	Dr. R. S. Verma, Assistant Professor
25	Ratan Kumar Pal	Prof. Sanjay Kumar, Senior Professor
26	Pankaj Kumar	Prof. M. L. Meena, Professor
27	Anjali	Prof. M. L. Meena, Professor
28	Suraj Pasawan	Prof. M. L. Meena, Professor
29	Shivangi Mishra	Prof. Deepa H. Dwivedi, Professor
30	Saurabh Verma	Dr. R. S. Verma, Assistant Professor
31	Ravikant	Dr. Sutanu Maji, Associate Professor
32	Vishal Singh	Prof. G. C. Yadav, Professor

M.Sc.(Hort.) Fruit Science and Vegetable Science

Sl. No.	Name of the Students	Name of the Supervisor
1	Kajol Chand	Prof. Sanjay Kumar, Professor
2	Monika Kumari	Prof. Sanjay Kumar, Professor
3	Manya Kumari	Dr. Sutanu Maji, Assistant Professor
4	Tannu Kumari	Dr. Sutanu Maji, Assistant Professor
5	Soumya Pragalva Mohanty	Prof. Sanjay Kumar, Professor
6	Nitu Kumari	Prof. Deepa H. Dwivedi, Professor
7	Ananya Atmaja Mohapatra	Prof. Sanjay Kumar, Professor

8	Kanak Lata	Dr. Sutanu Maji, Assistant Professor
9	Tanay Anand	Dr. Sutanu Maji, Assistant Professor
10	Devendra Mishra	Prof. M. L. Meena, Professor
11	Byomakesh Swain	Prof. Sanjay Kumar, Professor
12	Yazhini E	Dr. Sutanu Maji, Assistant Professor
13	Amar Jeet	Dr. Sutanu Maji, Assistant Professor
14	Aachal GaribdasWatke	Prof. Sanjay Kumar, Professor
15	Brijesh Kumar Bairwa	Dr. Sutanu Maji, Assistant Professor
16	Pragati Prakash Karale	Prof. M. L. Meena, Professor
17	Akshay Kumar	Dr. Ravi Shankar Verma, Assistant Professor
18	Bam Bahadur Singh	Prof. M. L. Meena, Professor
19	Stuti Singh	Prof. M. L. Meena, Professor
20	Ashutosh Kumar	Prof. M. L. Meena, Professor
21	Juhi Aswani	Prof. M.L. Meena, Professor
22	Sneha Kumari	Dr. Ravi Shankar Verma, Assistant Professor
23	Priyanka Nag	Prof. M. L. Meena, Professor
24	Sunil Burdak	Dr. Ravi Shankar Verma, Assistant Professor
25	Ashwini Alphonsa Lakra	Prof. Deepa H. Dwivedi, Professor
26	Kamal Kumar Bairwa	Dr. Ravi Shankar Verma, Assistant Professor
27	Satpal	Dr. Ravi Shankar Verma, Assistant Professor
28	Nikhil Kumar Pathak	Prof. Deepa H. Dwivedi, Professor
29	Somesh Kumar Suna	Dr. Rubee Lata, Assistant Professor
30	Vipin Kumar Lakwal	Dr. Ravi Shankar Verma, Assistant Professor
31	Gaurav Chaturvedi	Dr. Rubee Lata, Assistant Professor
32	Shubhadeep Roy	Dr. Sutanu Maji, Assistant Professor
33	Kumari Pushplata	Dr. Rubee Lata, Assistant Professor
34	Bijay Tudu	Prof. Deepa H. Dwivedi, Professor
35	Ashish Kumar Murmur	Prof. Deepa H. Dwivedi, Professor
36	Harishankar Meena	Dr. Rubee Lata, Assistant Professor
37	Puran Ram	Dr. Rubee Lata, Assistant Professor
38	Bhagwan Sahay	Dr. Rubee Lata, Assistant Professor
39	Vedprakash	Prof. Deepa H. Dwivedi, Professor

Currently Enrolled in PG:

1. M.Sc. (Hort.) Vegetable Science

Sl. No.	Name of the Students	Name of the Supervisor
1	Basant Kumar Jha	Prof. Sanjay Kumar, Professor
2	Vishal Bhatti	Prof. Sanjay Kumar, Professor
3	Avinash Kumar	Prof. Sanjay Kumar, Professor
4	Sristi Lal	Prof. Sanjay Kumar, Professor
5	Harshit Verma	Prof. M. L. Meena, Professor
6	Ankit Kumar	Prof. M. L. Meena, Professor
7	Moid Ahmad	Prof. M. L. Meena, Professor
8	Mamta	Prof. G. C. Yadav, Professor
9	Soumyakanta Swain	Prof. G. C. Yadav, Professor
10	Sandeep	Prof. G. C. Yadav, Professor
11	Ms. Manisha Meena	Prof. G. C. Yadav, Professor
12	Ms. Bharti Mahar	Prof. M. L. Meena, Professor

2. M.Sc. (Hort.) Fruit Science

Sl. No.	Name of the Students	Name of the Supervisor
1	Sudhanshu	Prof. Deepa H. Dwivedi, Professor
2	Akash Oram	Prof. Deepa H. Dwivedi, Professor
3	Anubhav Raj	Prof. Deepa H. Dwivedi, Professor
4	Neha Mourya	Prof. Deepa H. Dwivedi, Professor

5	Riya Debbarma	Prof. Deepa H. Dwivedi, Professor
6	Sweta Kashyap	Dr. Sutanu Maji, Asstt. Professor
7	Vanshi Lal Verma	Dr. Sutanu Maji, Asstt. Professor
8	Riteeka Kumari	Dr. Sutanu Maji, Asstt. Professor
9	Rashmi Supriya	Dr. Sutanu Maji, Asstt. Professor
10	Zeeshan Qamar	Dr. R. S. Verma, Asstt. Professor
11	Mukesh Kumar Verma	Dr. R. S. Verma, Asstt. Professor
12	Smrutirani Jena	Dr. R.S. Verma, Asstt. Professor
13	Vishwanath Paswan	Dr. R.S. Verma, Asstt. Professor
14	Shivam	Dr. Rubee Lata, Asstt. Professor
15	Ravi Gupta	Dr. Rubee Lata, Asstt. Professor
16	Shweta Choudhary	Dr. Rubee Lata, Asstt. Professor
17	Ravi Meena	Dr. Rubee Lata, Asstt. Professor
18	Sanjana Gautam	Dr. Rubee Lata, Asstt. Professor

Thesis Submission/Degree Awarded

Sl. No.	Name of students	Year of Submission	Topic	Supervisor
1	Mr. Shri Kant Bharty	2023	Efficacy of Performance of Cape gooseberry (Physalis peruviana L.) germplasm at different dates of sowing in central Uttar Pradesh	Prof. Deepa H. Dwivedi
2	Mr. Vipnesh Singh	2023	Impact of foliar spray of nutrient and bagging on fruit growth, yield and quality traits of guava (Psidium guajava L.) cv. Allahabad Safeda	Dr. R. S. Verma

- **Number of student complete their Masters/Graduations/Diploma:** 39 (Thirty nine)

iii. Number of student pursuing higher studies: 05 (Four)

iv. Number of student selected on other government jobs/banking/school teaching etc.: 04(four)

v. Number of student awarded SLET/NET/JRF/any other fellowship:
UGC Fellowship: 05

vi. Details of the publication of the students (Books/Article/Books chapter):

PROF. SANJAY KUMAR:

1	08/2023	Scientific cultivation of Strawberry	Just Agriculture4(2):282-290.
2	09/2023	Gladiolus deficiency, toxicity symptoms and their management	Vigyan Varta4(9) :148-152.
3	09/2023	Carnation deficiency and toxicity symptoms of nutrients in Plants	Just Agriculture4(1):134-137.
4	09/2023	Role of Nano-technology in food industry	Vigyan Varta4(9) :5-10.
5	12/2023	Millets: Nutritional, Quality Management and their Value-addition in Human Health	Vigyan Varta 4(12) :228-232.

VI. Google profile of the faculty members :

a. **Prof. Sanjay Kumar:**
Citations -1086,
h index-19,
i10 index-37

b. Prof. Deepa H. Dwivedi:
Citations -589,
h index-12,

i10 index-19

c. **Dr. M. L. Meena:**
Citations -906,
h index-16,
i10 index-28

d. Dr. Gulab Chand Yadav
Citations -528,
h index-11,
i10 index-14

e. Dr. Sutanu Maji:
Citations -1274,
h index-18,
i10 index-35

f. Dr. R. S. Verma:
Citations -128,
h index-06,
i10 index-04

g. Dr. RubeeLata:
Citations -274,
h index-11,
i10 index-12

Ambedkar School of Social Science (ASSS)

Ambedkar School of Social Sciences (ASSS) was earlier known as 'School for Ambedkar Studies' and later 'School of Ambedkar Studies for Social Sciences'. The school first started with the departments of Economics and History and later added two new departments and one Centre. Most recently, it added one more department. The school started its academic programme in the session 1997-98. It currently has five post-graduate and one undergraduate departments, which include Department of Economics, Department of History, Department of Political Science, Department of Sociology, and Department of Public Administration. These departments offer Ph.D., M.Phil. and PG (MA) programmes which have an interdisciplinary orientation. Undergraduate programme is available only in Public Administration. The center of the school is known as Center for the Study of Social Exclusion and Inclusive Policy (CSSEIP). The school is engaged in various endeavors to establish itself as a noted center of excellence in post-graduate teaching and research in Social Sciences. The school has a vibrant academic environment, which is reflected in its teaching, research and other academic activities, such as special lecture, seminar and workshop on issues of great social, economic and political significance.

Department Of Economics

The Department of Economics was established in 2000 to provide qualityeducation and training through advance method of learning and engaging the students and faculties withmeaningful research. The department is committed to make an institute of academic excellence inteaching& research in applied and contemporary economic issues. The department currently run M.A.,M.Sc.& Ph.D. Programmes in Economics. The department has well qualified faculties with National &International exposure in teaching & research. The department frequently updates the syllabus in orderto cater to the demand of students.

1. **Coursesoffered:**
   - M.A. Economics
   - Ph.D. Economics
   - M.Sc. Economics
2. **Facilities available in the Department like Departmental Library, Mootcourtetc**.
   - Departmenthaslatestwell-developed computer centre with internet facility, Statistical software such As STATA &SPSS.
   - Departmental airconditioned documentation centre has latest textand reference books, journals, magazine, news papers, e-journals to support research Students and Projects.
   - Smart Class Rooms are available in the department
   - Each faculty has an individual chamber and latest computer facilities with statistical software.
3. **Detailsoffaculty:**
   - **Prof. Sanatan Nayak**
     Professor & Head, Economics
     Specialization: Environmental Economics, Econometrics, Computer Applications inEconomics, Agricultural Economics
     Qualification: M.A., M.Phil., Ph.D. M.Sc. (Ecology & Environment
   - Prof. N M P Verma
     Senior Professor (HAG) 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 ofDiscrimination, Industrial Economics
     Qualification: M.A.M. Phil., Ph.D.
   - Prof. D K Yadav
     Professor, Economics
     Specialization: Monetary Economics, Econometrics Mathematical Economics, Statistics, PublicEconomics
     Qualification: M.A., Ph.D.
   - Dr. Surendra Meher
     Associate Professor, Economics

Specialization: Labour Economics, Agricultural Economics, Economics of Growth andDevelopment, 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.

4. Details of the Seminar/Conference/Webinar organized by the Department.

Prof. Sanatan Nayak
International Conference on **"19th Annual Conference UTTAR PRADESH-UTTARAKHAND ECONOMIC ASSOCIATION (UPUEA) "** organized by BBAU-UPUEA, Organizing Conference Secretary Prof. Sanatan Nayak" during 13th-15th April, 2024

Prof. L C Mallaiah
International Conference on "9th INTERNATIONAL CONFERENCE ON LAW AND ECONOMICS**"**
organized by BBAU-ISLE, Organizing Conference Secretary Prof. L C Maillaiah" during 25th-26th November, 2023

5. **Visitors of Department frominside the country*(during01.04.2023-31.03.2024)***
Many professors in upuea conference

6. Member/fellowship of professional/Academic bodies/editorial board (kindly don't furnishconfidential work)

Prof. N M P Verma

a. **Chairman:**Indian Economists Association Trust (IEAT)
b. **Patron:**Association of Socioeconomic Developmental Studies (ASEDS)
c. **Editorial Board :**
i. VARTA (Allahabad University)
ii. Advisory Board, Economy India
iii. Reviewer, International Journal of Economics and Finance, Canada
d. Academic Bodies:
Chairman NAAC (Peer Team), Sri Chittem Narsi Reddy Memorial Govt. Degree College, Naranyanpet, May 25-26, 2023

- **Prof. Sanatan Nayak**

a. Life time member of the Indian Society for Ecological Economics (INSEE)
b. Life member of the Indian Society for Agricultural Economics (ISAE)
c. Lifemember of the IndianEconomic Association (IEA)
d. Lifemember of the IndianPolitical Economic Association (IPEA)
e. Life member of the Association of Socio-Economic Development Studies
f. Life Member of the Indian Society for Labour Economics (ISLE).
g. Life Member (Fellowship) of the Indian Water Resources Society (IWRS).
h. Life Member (Fellow) of Institution of Water & Environment (IWE).

- **Dr. Surednra Meher**

a. Life Member, Indian Economic Association
b. Life Member, Indian Society of Labour Economics
c. Life Member, Orissa Economic Association
d. Life Member, Association of Socio-Economic Development Studies

- **Dr. Pranav Kumar Anand**

a. Life Membership; Indian Economic Association (IEA), Estb. 1917: (**26thFebruary, 2021**)
b. Member, Information and Guidance Bureau (I & GB), BBAU; **Since, 01-03-2021.**
c. Member; Department of Skills and Vocational Studies; **Since, 16-02-2021.**
d. Member; Admission Brochure Committee, BBAU; for 2021-22; **since, 16-11-2020 to till date.**

- **Dr. Surendra Singh Jatav**

a. Life Member, Indian Society of Agricultural Economics, India
b. Life Member, Indian Society of Ecological Economist, India
c. Life Member, UP & Uttarakhand Economic Association, India
d. Life Member, Indian Society of Extension Education

7. Details of Books Written/edited by faculty members

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

8. Details of editing journals and magazine.

Prof. N M P Verma

- Economy India (Advisory Board)

Prof. Sanatan Nayak

i. Farmer's Perception of River Water Contamination in India: A Case Study of Rohini River in Maharajganj, India with Surendra Singh Jatav and Nathu Bharati in **Agricultural Science Digest**, September, 2023, Vol. 43, No. 5, pp. 1-7.
ii. Are livelihoods of slum dwellers sustainable and secure in developing economies? Evidences from Lucknow, Uttar Pradesh in India, along with Surendra Singh Jatav in **Heliyon,** Vol. IX, No 9, August 29, 2023.

Prof. D K Yadav

Yadav, D. K. (2023), "Macro-Economic Impacts of Covid-19 Pandemic: A Comparative Study of Developed and Developing Countries", The Indian Journal of Economics, ISSN: 0019-5170 No. 412, July, Vol.CIV, Part I, PP 103-126

9. Details of Book Chapter in edited volume/ Conference Volume.

Prof. N M P Verma

- **Book:** Impact of COVID-19: Socio-Political and Economic Aspects of People's Lives by R.C Sobti, Routledge book
- **Chapter 16:** Political Economy of Covid-19 Pandemic: Are Nations Headed for Recession and Cold Conflicts?

Prof. D K Yadav

Book entitled Financial Resilience and Environmental Sustainability: Global South Perspectives accepted by Spinger for Publication

Dr. Surendra Meher

"Revamping Economic Priorities during the Pandemic COVID-19 Outbreak: A Perspective on Food and Employment", Taylor and Francis Group, co-authored with Shekhar and ParulVerma in Emerging Business Trends and Management Practices: Lessons from the Pandemic (2023) Edited by **Himanshu Rai, Mubashir Majid Baba and Mansi Babbar**ISBN 9781774912454.

10. Paper Published during the year by the faculty members (during01.04.2023-31.03.2024).

Prof. N M P Verma

i. India's trade related policies during Atal Bihari Vajpayee government, March 2024
ii. India's Foreign Policy during Prime Minister Atal Bihari Vajpayee, March 2024
iii. Impact of Corporate Income Tax on Financial Performance of Selected FMCG Companies, February 2024
iv. An analysis of State wise monthly electricity generation scenario from renewable sources pre and post Covid- 19, January 2024

v. Political Economy of the COVID Pandemic: Are Nations Headed for Depression and War?, September 2023
vi. Development Strategies during PM Vajpayee for Indian Structural Development, September 2023
vii. A Post-reform Empirical Analysis of Public Social Expenditure of Centre and States in India, August 2023
viii. Governance and Globalization during AB Vajpayee Leadership, July 2023

Dr. Surendra Meher

i. Occupational Status and Poverty across Social Groups in Kalahandi and Bargarh District of Odisha, Orissa Economic Journal (UGC Listed), Vol. 54, Issue 1, January-June, 2022, ISSN: 0976-5409, pp. 75-91. (ugc list no 317) (Published on March 2024)
ii. **"**Recent performances of the Organised Manufacturing Sector of India**"** (Co-author with KuhuAwasthi), BharatiyaSikshaSoudhPatrika (UGC listed), Vol. 42, No 1(iv), January-June 2023, ISSN 0970-7603, pp. 105-110.
iii. Trends and Patterns of Temporal Tourism Growth in Ladakh Region, India, (Co-authored with MohdSadiq), Antrocom Journal of Anthropology (peer reviewed) Vol. 19, No.1, 2023, ISSN 1973 – 2880, pp. 731-738.
iv. Production Efficiency of Market Stakeholders of Paddy Crop: A Comparative Study of Punjab and Uttar Pradesh, Indian Journal of Economics and Development (UGC listed, Scopus Indexed), Vol. 19 (4), October-December 2023. pp. 814-822, ISSN: 2277-5412.
v. . Estimations of Long Run Elasticity Parameters: An Analysis of India's Organised Manufacturing Sector (Co-authored with KuhuAwasthi), Global Research Review in Business and Economics (Peer Reviewed), Vol 10, Issue 1, 2024, ISSN (Online) 2454-3217, ISSN (Print) 2395-4671 pp. 144-152
vi. Female Labour Force Participation in India: An Interstate Analysis, (Co-authored with Anushka Singh), Global Research Review in Business and Economics (Peer Reviewed), Vol 10, Issue 2, 2024, ISSN (Online) 2454-3217, ISSN (Print) 2395-4671 pp. 1-7.
vii. Factors Determining Private Agricultural Investment: A Comparative Case Study of Two States of India, South Asian Journal of Social Studies and Economics, Volume 21, Issue 6, Page 15-25, 2024; ISSN: 2581-821X
viii. Household's; Income and Occupational Diversification of Ikat Handloom Workers: View from Two Clusters of Western Odisha, Labour and Development, Vol.29, No.2, December 2022 (published on March 2024),

Dr. Pranav Kumar Anand

i. "Women Empowerment Through MGNREGA: A Study of Bareilly and Pilibhit District of Uttar Pradesh', International Journal for Multidisciplinary Research (IJFMR) E-ISSN: 2582-2160, **Peer Reviewed Journal** (An Online Refereed Journal), Volume 6, Issue 4, **July-August 2024.**
ii. "Economic Dualism In India: Analyzing The Divergence Between Urban And Rural Sectors", *Journal* ***Of Economics And Finance;*** **Peer Reviewed Refereed,** *E-ISSN: 2321-5933, P-ISSN: 2321-5925.Volume 14, Issue 4 Ser. III (****July. – August. 2023****),pp 58-64.*

Dr. Surendra Singh Jatav

i. Farmer's Perception of River Water Contamination in India: A Case Study of Rohini River in Maharajganj, India, Agricultural Science Digest, 2023.
ii. Development of Climate Vulnerability Index for Bundelkhand Region, India, Disaster and Development, 12(1), 2023.
iii. Farmers' perception of climate change and livelihood vulnerability: a comparative study of Bundelkhand and Central regions of Uttar Pradesh, India, Discover Sustainability, 2024.
iv. Impact of COVID-19 on Livelihoods of Slum Households in Agra City, India, Journal of Chemical Health Risks, 2024.
v. Access and Determinants of Formal Agriculture Credit in Uttar Pradesh, India, Journal of Rural Development, 41(2), 2023.
vi. How Do Domestic and Foreign Tourists Understand the Concept of 'Green Hotels' and its Practices in India?, Journal of Survey in Fisheries Sciences, 10(4S) 2551-2559, 2023.
vii. Development of Agricultural Sustainability Index for different Regions of Uttar Pradesh, India, Environment and Ecology 41 (4C) , : 2781—2789, October—December 2023
viii. Decomposition Analysis of Maize Production in India, Open Access Journal of Agricultural

Research, 8(3), 2023.

11. Participated /paper presented in conference /seminar/workshop inside country.

Prof. N M P Verma

- Organiser as patron, Conference at GIDS, Lucknow, June 15-16, 2023
- Key speaker for Atal Bihari Vajpayee Memorial Award of IEA December 2023

Prof. Sanatan Nayak

i. **Energy Transition for Sustainable Development across States in India, Paper presented** on 28th January, 2024 in the 27th Annual Conference of Indian Political Economy Association (IPEA) during 27-28th March, 2024 organised by School of Humanities, Social Sciences and Management, IIT, Bhubaneswar, Odisha.

Prof. D K Yadav

i. . Jameel, Saleha & Yadav, D. K. (2023), "Patterns of Misalignment Between Performance of Fundamental Variables and Exchange Rate Determination in a Globalized World", Published in Edited Book, "Digital Technologies for Smart Business, Economics and Education: Towards a Promising Future", Published by Springer International Publishing AG, ISBN-10: 3031241002, ISBN-13: 978-3031241000 PP: 59-72

ii. Yadav, D. K. (2023), "Impact of the COVID-19 Pandemic on Macroeconomic Indicators: A Comparative Study of Developed and Developing Countries", Published in Edited Book, "The Impact of the Covid-19 Pandemic on People and their Lives", Published by Routledge India, ISBN: 9781032342313, PP: 207-229

Dr. Surendra Meher

i. ***"Labour Laws and Social Security Pattern in Gig Economy: Challenges and Policy Options"***, presented in 9th International Conference on Law and Economics, orgainsed by Department of Economics in association with Indian Association of Law and Economics (IALE), 25-26 November, 2023

Pranav Kumar Anand

i. Two (2) Week OFFLINE Refresher Training Programme in **Public Finance at the National Institute of Public Finance and Policy (NIPFP), New Delhi** from **20thMay to 31st May 2024.**

Dr. Surendra Singh Jatav

i. Presented a paper "Measuring the Agricultural sustainability of India: An Application of the pressure-state-response model in National Seminar on India Agriculture @ 75- Achievements, Challenges and Way Forward organized by Pondicherry University, Pondicherry during 21-22 July, 2023.

ii. Presented a paper "Exploring adaptive capacity of Indian farmers to climate change: An Agro-climatic zone level analysis in Global Conclave on Sustainable Development Goals: Progress, Challenges and Way Forward during 6-7 March, 2024 organized by Jamia Milia University, New Delhi.

iii. Presented a paper "Factors affecting household food security in the Bundelkhand Region of India" in Two Days National Seminar on Concerns for Regional Issues in Contemporary India during 2-3 November, 2023 organized by M.P. Institute of Social Science Research, Ujjain.

12. Details of invited lectures inside country

Prof. N M P Verma

- Inaugural Lecture, IEAT Conference at GIDS, Lucknow, June 15, 2023
- Valedictory Lecture , IEAT Conference at GIDS, Lucknow, June 16, 2023
- Valedictory Lecture , IEA Conference at GIDS, Lucknow, Dec 29, 2023

Prof. Sanatan Nayak

i. Delivered a special lecture on "**Sustainable Development Goals: Issues and Challenges in India",** on 6th March, 2024**,** Department of Humanities and Social Sciences, Integral University, Lucknow.

ii. Delivered a special lecture on "Use of Large Scale Data for Public Polices: Basic Issues", in the Two Weeks Capacity Building Programee for (from 21st November to 2nd December, 2023) on 25th November, 2023 conducted by Department of Political Science, BBAU, Lucknow as sponsored by ICSSR.

iii. Delivered three special lecture on topic entitled "Introduction to Large Data Sets: Identification, Extraction, Interpretation**"** in the Two Weeks Data Processing of Large Datasets for Social Sciences (from 11th July to 21st July 2023) on 11th July, 2023 conducted by Council for Social Development, Hyderabad.

Dr. Surendra Meher

i. Sub-theme speaker and chaired the session on "***Globalisation and Trade Promotions"***, under sub-theme "International Trade, Finance and Capital Movements" on June 16 2023 in the 1st Biennial Conference of Indian Economists' Association, 15-16 June 2023- Hybrid Mode held at Giri Institute of Development Studies, Aliganj, Lucknow.

ii. ***Discussant*** at GIDS Golden Jubliee Monthly Lecture Series-Lecture 2 on 'Structural Transformation, Agricultural Productivity, Growth and Convergence among Asian Countries' delivered by Professor SeemaBathla, CSRD, JNU, held in Giri Institute of Development Studies, Aliganj, Lucknowheld on 29 September 2023 in Hybrid Mode.

13. Students achievements

- **Accomplishment of the students.**

Number of Students completed theirmaster/graduation/ Diploma	M.A.	42
No. of student pursuing Higher Studies	05	
No. of student selected on other governmentjobs/banking/school teaching etc	04	
No. of student awarded SLET/NET/JRF any otherfellowship	--	

a. Faculty wise supervision of the Ph.D.Degree awarded:-

Sl. No	Name of Scholars	Title of the thesis	Year of registration	Year of Viva Voce
01	**Sadhana Singh**	**Impact of Credit on Development of MSMEs in Uttar Pradesh**	12.09.20219	22.12. 2023
02	**Mukesh Kumar**	**Capital Formation in Agriculture Sector in India: A Comparative Study of Western and Bundelkhand Region of Uttar Pradesh**	18.09..2018	12.01.2024
03	**Debabrata Sahoo**	**Extraction of Mineral Resources and Its Impact on Local Livelihood: A Case Study of Odisha**	12.09.2019	16.01.2024
04	**Naveen**	**Political Economy of Public Expenditure in India: Social Choice and Redistribution during Post-Reform Period**	30.08.2018	06.05.2024

b. a. Faculty wise supervision of Student pursuing Ph.D. degree:-

Sl. No.	Na Name of Scholars	Name of Supervisor	Ph.D.Topic	Fellowship availed/availing
1	Yasar Mehmood	Dr. Pranav KumarAnand	An Economic Analysis of Agricultural Sector in Jammu & Kashmir from Since 1991.	Non-NET Fellowship
2	Pawan Kumar Rao	Dr. L C Mallaiah	Impact of New Economic Reforms on Leather Industries in Uttar Pradesh	NFSC-Fellowship
3	Manoj Kumar	Prof. SanatanNa yak	Rural Primary Health care Infrastructure: A Case Study of Jaunpur District in Uttar Pradesh	NFSC-Fellowship
4	Brijesh Kumar	Prof. N M P Verma	Impact of Fiscal Policies on Slow down of Manufacturing Sectorin India: A Case of Automobile Sector	NFSC-Fellowship
5	Ved Prakash	Dr. Pranav KumarAnand	Women Participation and Employment Generation: Role of MGNREG A with Special Reference to Bareilly Divisionin Uttar Pradesh	Non-NET Fellowship
6	Supriya Gautam	Prof. L C Mallaiah	The Impact of Farmer Producer Organizationon Socio-Economic Conditions of Small and Marginal Farmers in Uttar Pradesh	Non-NET Fellowship
7	Mohd Sadiq	Dr. Surendra Meher	Impact of Tourism on Employment and Income Generation in India: A Comparative Study of Kashmir and Ladakh	Non-NET Fellowship
8	Vikas Pratap Singh	Prof. N M P Verma	A Study of Corporate Taxation and Its Impact on Income and Profit of Major FMCG Companies in India	Non-NET Fellowship
9	Shreya Kanojia	Prof. D K Yadav	Agrarian Crises in India: A Comparative Analysis of Uttar Pradesh and Maharashtra	UGC-JRF
10	Pushpen dra Kumar Singh	Prof. SanatanNa yak	Multi dimensional Poverty in Urban Slums:A Case Study of Lucknow City in Uttar Pradesh	UGC-JRF

11	Ashu Chaudhary	Dr. Pranav Kumar Anand	An Analysis of Consumer Behaviour of Organic Products: A Case Study of Lucknow District in Uttar Pradesh	NF-OBC Fellowship
12	Disha Ghildiyal	Prof. L C Mallaiah	Economic Evaluation of Organicand Non-Organic Farming in India: A Case Study of Uttarakhand	Non-NET Fellowship
13	Ruchika Pandey	Prof. N M P Verma	An Econometric Analysis of Inter-relationship between Public Debt and Macroeconomic Performance of India	UGC-JRF
14	Pooja Tiwari	Prof. L C Mallaiah	Economic Ansysis of Impact of Skill Development Programms on Women Empowerment in Uttar Pradesh with Special reference to PMKVY	UGC-JRF
15	Nidhi Singh	Prof. N M P Verma	Export of Indian Software during2012-2022:A Trend Analysis	UGC-JRF
16	Anju Dubey	Prof. L C Mallaiah	Economic Effciency Analysis of Women Entrepereurs in Uttar Pradesh	**UGC-JRF**
17	Rashid Gouhar	Prof. Sanatan Nayak	Exploning the Climate Finance Potential and its Link age with Economic Development: A Special Reference to India and Lucknow city	UGC-JRF
18	Saleha JameelAn sari	Prof. D K Yadav	Foreign Exchange Rate and Fundamental Variable: Anaysing the Roleof International Monetary Systeminthe Context of G20 Nations	Non-NET Fellowship
19	Ajay Kumar Gautam	Prof. N M P Verma	Cost-Benift Analysis of Solar Energy Production and Consumption: A Case Study of Lucknow	UGC-JRF

20	Ankit Kanojia	Prof. N M P Verma	AnInpactAnalysisofIncubator CentresinPromotingStart-UpsinIndia: A Study with specialreferncetoGurugramand FaridabadDistrictof Haryana	UGC-JRF
21	Shivangi	Prof. L C Mallaiah	Economic Impact of ICT inAgriculturalDevelopmentin Uttar Pradesh with Special reference to e-NAM	UGC-JRF
22	Pankaj Kumar	Prof. D K Yadav	Fiancial Innovations and Money Supply Pattern in India: Analysing the Role of Public Behaviour in the Post Reform Period	NFSC-Fellowship
23	Nathoo Bharati	Dr. Surendra SinghJatav	An Economic Analysis of Farmer's Perceptionon Climate Change and Climate Vulnerability in Uttar Pradesh: Evidence from Draught Proneand Flood Prone Regions	NFSC- Fellowship
24	Naveen Linda	Prof. N M P Verma	An Economic Analysis of Public Sector Banks Financial Performance in Indian Stock Market: AStudy with the reference to the Four Major Merged Public Sector Banks	Non-NET Fellowship
25	Kamlesh Meena	Prof. Sanatan Nayak	Economic Burden of Health Care Facility: A Case of Slum Dwellers in Lucknow, Uttar Pradesh	NFST Fellowship
26	Shivansh Tripathi	Dr. Surendra Meher	Employment Dynamics of Gig Economy in India: A Comparative Study of Gig Workersin Tier-2 cites of Uttar Pradesh	ICSSR- Fellowship
27	Khushboo Gupta	Prof. L C Mallaiah	Impact of Agricultural Crediton Small and Marginal Farmers with Special Reference to Kisan Credit Card in U.P.	UGC-JRF
28	Kamal Kaushik	Dr. Surendra Singh Jatav	Draptout	---
29	A. NAWABI	Prof. D K Yadav	Demonetazation, Financial Innovations and Pattern of Money Demand inIndia: Analyzing the impact on Black Economy	---

30	SUMIT SAURAV	Not Allotted	Synopsis	---
31	Deeksha	Not Allotted	Synopsis	---
32	SACHIN KUMAR	Not Allotted	Synopsis	---
33	Jyotsna Shambhavi	Not Allotted	Synopsis	---
34	PRAKASH RANJAN	Not Allotted	Synopsis	---
35	ABHIINAV MISHRA	Not Allotted	Synopsis	---
36	ANURAG GUPTA	Not Allotted	Synopsis	---
37	Mamoon Rasheed	Not Allotted	Synopsis	---
38	AVINASH KUMAR	Not Allotted	Synopsis	---
39	CHANCHAL KUMAR	Not Allotted	Synopsis	---
40	Pintu Kumar	Not Allotted	Synopsis	---
41	Vivekanand	Not Allotted	Synopsis	---
42	Rimmy Singh	Not Allotted	Synopsis	---

a. Faculty wise supervision of the Ph.D. Thesis Submitted:-

Sl. No.	**Name of Scholars**	**NameofSupervisor**	**Ph.D. Topic**	**Fellowship availed/availing**
1	Samarth Shukla	Dr. Pranav KumarAnand	Sectoral Dualism in India: AStudy of Structural Change since1991	Non-NET Fellowship
2	Kuhu Awasthi	Dr. SurendraMe her	Labour Productivity and Wagesin the Organised Manufacturing Sector: An Interstates Analysis in India	Non-NET Fellowship
3	Anushka Singh	Dr. SurendraMe her	Unpaid CareWorkand Employment Dynamics among Females in India: A Case Study of Uttar Pradesh	UGC-JRF

- Google pro file of the faculty members, if available.

Prof. NMP Verma

Indicators	All	Since 2018
Citations	200	131
h-index	8	6
i10-index	5	3

Prof. Sanatan Nayak

Indicators	All	Since 2018
Citations	76	68
h-index	4	4
i10-index	2	2

Prof. L.C Mallaiah

Indicators	All	Since 2018
Citations	4	3
h-index	1	1
i10-index	0	0

Dr. Surendra Meher

Indicators	All	Since 2018
Citations	51	38
h-index	4	3
i10-index	1	1

Dr. Surendra Singh Jatav

Indicators	All	Since 2018
Citations	345	337
h-index	10	10
i10-index	10	10

Department of Political Science

The Department of Political Science in the University was established in 2008. The Department is dedicated to promote teaching and research in the emerging fields of political science like public policy and governance, comparative politics, international relations and human rights while maintaining the scholarship in some of the conventional fields like political theory, political philosophy etc. Since its inception, the department has been concentrating on maintaining global standards in its teaching as well as research programmes. So far, it has organized around two international seminars, three national seminars and five discussions which were very well received in academia and in media. Its teachers and research scholars are deeply interested in understating and addressing the social problems around them. The Department is committed to give new directions to the teaching methods and research areas in the discipline. Presently, the department is offering Master's and PhD programmes in Political Science.
In order to support its academic activities and new innovative teaching methods, the Department is being provided with necessary infrastructural facilities like computers, printers, Mic Sound System overhead projector and starboard.

1. **Courses offered:**
   i. M. A.
   ii. Ph.D.

2. **Details of the Faculty;**

i. **Dr. Sartik Bagh**
Professor & Head
M.A, M.Phil, Ph.D (JNU, New Delhi)
Ex. Head, Pol. Science
Areas of specialization: Political Philosophy, Key Concepts in Politics (Political Theory), Development Issues and Welfare Policies,Political Process (Indian Politics)
Email: sartikboi@yahoo.co.in

ii. **Dr. Ripu Sudan Singh**
Professor
M.A, M.Phil, Ph.D (JNU, New Delhi)
Ex. Head, Pol. Science, Ex. Dean, Social Sciences
Areas of specialization: International Relations, Peace and Conflict, Buddhism, & comparative religions, Ethnicity and Politics in West Asia and North Africa, Subaltern Politics in Contemporary India
E.mail: **ripusudans@gmail.com**

iii. **Dr. Shashi Kant Pandey**
Professor
M.A, Ph. D (BHU, Varanasi)
Areas of specialization: Indian Politics, Local Self Government, Electoral Politics in India, Human Rights
Email: skpabbau@gmail.com

iv. **Dr. Vinod Khobragade**
Professor
M.A. &Ph.D
Areas of specialization: Indian Politics, UP Politics, Human Rights and Child Labour
Vinodkhobragade27@gmail.com
+91 9557859710

v. **Dr. Siddhartha Mukerji**
Associate Professor
M.A, M.Phil, Ph.D (JNU, New Delhi)

Areas of specialization: Political Economy, Comparative Politics, State Elections, Public Policy and Governance
E.mail: butku9@gmail.com

vi. Dr. Preety Choudhari
Assistant Professor
M.A, Ph. D
Areas of specialization: Public Policy and Governance, Feminism and Women Studies, Indian Foreign Policy
E.mail: preetycoudhari2009@gmail.com

vii. **Dr. Manjari Raj Oraon**
Assistant Professor
M.A, M.Phil (JNU, New Delhi): Areas of specialization: International Organization and International Relations, State Politics, Development Process and Social Movements
Email: manjariraj2011@gmail.com

3. Members/fellows of professional/Academic bodies/editorial board

i. Prof. Sartik Bagh

- Comparative education society of India (Life membership)
- Indian Council of Philosophical Research (Academic Centre Library, Lucknow) Regular member since 2010
- Association for political theory since 2015 (Life membership)
- Member, DRC, Department of Political Science, BBAU, Lucknow
- Member, BPGS, Department of Political Science, BBAU, Lucknow
- Member, School Board, Ambedkar School of Social Sciences, BBAU, Lucknow
- Member, RDCU, Department of Political Science, BBAU, Lucknow
- Director, CSEIP, BBAU, Lucknow

ii. Prof. Ripu Sudan Singh

- Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata (MAKAIAS), nominated by the Ministry of Culture, Government of India for a period of five years
- Member in the School board of School of International Studies, JNU, New Delhi
- Member in the Management Commitee, Harsahay Degree College, Kanpur×Member in DRC and BPGS in the Department of Political Science, BBAU, Lucknow
- Life Member, Indian Political Science Association
- Member, International PoliticalScienceAsswociation
- Member in BPGS in the Department of Public Administration in BBAU, Lucknow since
- Member in BPGS in the Department of Social Sciences in the Satellite Centre at Amethi of BBAU
- Member in School Board
- Member in Academic Council
- Member in Planning Board from 28/08/2011 and again from 04.12.2019
- Member in Board of Management

iii. Prof. Shashi Kant Pandey

- Member – Board of Studies, Gangadhar Meher University, Sambhalpur, Orissa
- Member – Departmental Research Committee, Department of Political Science, Guru Ghasidas University, Bilaspur, Chattisgarh
- Member – Board of Studies, Shri Ramswaroop, Memorial University, Lucknow
- Member – Board of Studies, GLA University, Mathura
- Life Member: All India Political Science Association
- Member: Editorial/ Advisory Board, Azad Academy Journal (ISSN Number 2248-9835)
- OSD- BBAU Satellite Campus, Amethi
- Member - S.C.& S.T. Advisory Committee

- Member- IQAC, BBAU
- Member: Departmental Research Committee, School for Ambedkar Studies, BBAU
- Member: Admission Committee, School for Ambedkar Studies, BBAU
- Member: Board for Post-Graduate Studies, School for Ambedkar Studies, BBAU
- Member: School Board, School for Ambedkar Studies, BBAU
- Member: Academic Council, BBAU
- Member: Board of Management, BBAU
- Member: Lokniti Network (a nationwide network of Political Scientists in India), CSDS, New Delhi – coordinates the activities of the Lokniti regional centre at Lucknow (U.P.)
- Certified National Level Master Assessor of the Project entitled "Transforming India through PRIs by Continuous Training & E-enablement " of National Institute of Rural Development, Hyderabad

iv. Dr. Siddhartha Mukerji

- Member, Anti Ragging Committee, Department of Political Science, BBAU, Lucknow
- Member, Gender Cell, Department of Political Science, BBAU, Lucknow
- Member, Purchase Committee, Department of Political Science, BBAU, Lucknow
- Member, Admission Committee, Department of Political Science, BBAU, Lucknow
- Member: Academic Council, BBAU
- Member, BPGS, Department of Political Science, BBAU, Lucknow
- Member, School Board, Ambedkar School of Social Sciences, BBAU, Lucknow
- Member, BUGS, Department of Public Administration, BBAU, Lucknow

v. Dr. Preety Choudhari

- Member of the University PrakashanSamiti.2019.
- Asst.DSW(Culture)
- Member, RDCU, Department of Political Science, BBAU, Lucknow
- Member, DRC, Department of Political Science, BBAU, Lucknow
- Member of the University Seminar / WorkshopCommittee.2019
- Member of the Committee of smooth functioning of sponsorprojects.2019
- Member of the grievance redressal committee of Dept. OfMicrobiology.2019
- Member of University Proctorial Board.2019
- Member of University Anti RaggingCommittee.2019
- Member of Departmental Purchase committee2019
- Member of Department Admission Committee2015-2019
- Member BUGS, Department of Public Administration, BBAU, Lucknow
- Member OBC Committee, BBAU, Lucknow
- Life Member of Professor H.S. Srivastava Foundation for Science and Society, Lucknow
- Life Member of Association of the Socio-Economic Development studies
- Joint Secretary of AKANSHA (NGO working for empowerment of women & children)
- Member of the assessment panel of the GATI programme of the Department of Science & Technology.
- Member of Expert committee for Implementation of Programme for Acchated participation of women in Science & Technology, Department of Science & Technology, Government of India

vi. Ms. Manjari Raj Oraon

- Member, BPGS, Department of Political Science, BBAU, Lucknow

23. Details related to Good Governance at the Department level to ensure
24. transparency/student participation/ time bound results etc.
25. Students achievements:
    i. Faculty wise Supervision of the Ph.D. degree awarded-
        - Prof. Sartik Bagh – 01
        - Prof. Ripu Sudan Singh – 01

- Prof. S. K. Pandey – 01
- Dr. Preety Choudhari – 01

ii. Faculty wise supervision of the Ph.D. degree submitted-

- Prof. Sartik Bagh – 01
- Prof. Ripu Sudan Singh – 01

iii. Faculty wise supervision of the student pursuing Ph.D. degree-

S. No.	**Name of Faculty**	**Name of the Scholars**
1	Prof. Sartik Bagh	Balan G
2		Mridul Malay
3		Renu
4		Arbind Bhagat
5	Prof. Ripu Sudan Singh	Kumari Pooja Bharti
6		Sikha Ojha
7		Yashasvi Shukla
8		Asha
9		Kanika Raj
10	Prof. S. K. Pandey	Vikash Tiwari
11	Dr. Siddhartha Mukeji	Rakesh Kumar
12	Dr. Preety Choudhari	Ritesh Kumar

iv. Accomplishments of students

- Number of student completed their master/graduation/Diploma- **43 students completed master's programme of the Department**

Following are the details:

- Number of student awarded SLET/NET/JRF/any other fellowship-

a. NET- 01
b. JRF-13
c. SRF- 07

Department of Sociology

The Department of Sociology is engaged in Post-graduate teaching and research. It is being developed as a centre of excellence in the area of Sociology. The department provides students a solid grounding in sociological theory, thought and research methodology. In addition, it offers optional courses of applied nature. It has highly qualified and dedicated faculty members who closely interact with the students and provide them continuous feedback to improve their performance, achieve their career goals and also contribute to the development of society with a focus on the marginalised Sections of society.

1. Course Offered

i. M.A.,
ii. Ph.D.

2. Facilities available in the Department like Departmental Library, Moot court etc.

i. Departmental Computer Lab
ii. Departmental

3. Details of Faculty

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

ii. Professor Manish K. Verma
Professor & Head
Specialization: Environment and Development; Globalization Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Rural Ecology
Qualifications: M.A., M.Phil., Ph.D. (JNU, New Delhi)

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

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

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

vi. Dr. Ajay Kumar
Assistant Professor
Specialization: Sociology of Social Movements, Sociology of Dalit &Marginalised Communities, Sociology of Indian Society, Sociology of Rural and Urban Life in India.
Qualifications: M.A., M.Phil (University of Lucknow) Ph.D (BBAU, Lucknow) Post Doctorate (Indian Institute of Advanced Study, Rashtrapati Nivas Shimla)

4. Details of the Seminar/Conference organized by the Department

i. Organized **National Seminar** on, **"National Education Policy 2020, Sustainable Development Goals and Nation Building: Perspectives, Issues, Concerns and Challenges"** on November 3-4, 2023 at the Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

5. Other Departmental-Level Academic Activities

i. A Special Lecture delivered by Prof. Anjali Seth & Dr. Shweta Upadhyay on the title "Capabilities for Leading a Good Life." organized by Department of Sociology on 12.05.2023 at 11:30 AM.

ii. A Special Lecture delivered by Prof. Azra Abidi on the title "Armed Conflict and Its Impact on Girls Education." organized by Department of Sociology on 30.05.2023 at 03:30 PM.

iii. A Special Lecture delivered by Dr. Jennifer Bates, on the title "Sociological Significance of Archaeology." organized by Department of Sociology on 04.08.2023 at 12:00 PM.

iv. A Special Lecture delivered by Prof. Purrnima Jain, on the title "Structuration Theory." organized by Department of Sociology on 23.11.2023 at 10:00 AM.

v. A Special Lecture delivered by Dr. Sudhir Kumar , on the title "Understanding Change in Indian Rural Sociey." organized by Department of Sociology on 23.11.2023 at 11:30 AM.

vi. A Special Lecture delivered by Prof. Kamta Prasad on the title "Solid Waste Disposal and Its Productive Usage in U.P." organized by Department of Sociology on 12.12.2023 at 04:30 PM.

6. Members /Fellowship of Professional/Academic Bodies/ Editorial board

i. Prof. Bibhuti Bhushan Malik

- Member Managing Committee, Indian Sociological Society, N. Delhi (2023-2028)
- Member, Interview Panel , Uttarakhand Combined State Civil/Upper Subordinate Services Examination-2021, Uttarakhand, PublicService Commission, Haridwar, 03-05 June 2024.
- Member Coordinator, NAAC Peer Team, Government P G College, Berinag, Uttarakhand, 10-11 June 2024.
- Chairman, NAAC Team, Smt. D. H. Kabariya Arts, R.K. Vaghasiya Commerce, and U. B Bhagat Science Mahila College Smt. S.H. GajeraShikshanikSankul, Amreli, Gujarat, 21-22nd March 2024.
- Member Crodnator, NAAC Peer Team, Ghulam Nabi Azad College of Social Work Pusad, WashimRaodPusadDistYavatmal, Maharashtra from 22-23 December 2023.
- Member Crodnator, NAAC Peer Team, ShriGulab Singh Governmentdegree College, Chakrata New Chakrata, Mussoorie Road Purodi, ChakrataUttarkahnd 2-3rd October 2023.
- Member Co-ordinator, NAAC Peer Team, Brahmaputra Degree College, Dhakuakhana, Lakhimpur, Assam- 787055 from 17-18July 2023
- Member Co-ordinator, NAAC Peer Team, Baptist College, Kohima, Nagaland on 22nd - 23rd June 2023
- Member, Standing Audit Committee for settlement of pending Audit Paras, Babasaheb Bhimrao Ambedkar University, Lucknow
- Member, Academic Council, Babasaheb Bhimrao Ambedkar University, Lucknow,
- Member, All India Sociological Society, New Delhi
- Chairman, Implementation of WasteManagementPolicy in the University, Babasaheb Bhimrao Ambedkar University from 10April 2023 onwards
- Chairman, University Exterior Color Scheme, Babasaheb Bhimrao Ambedkar Universityfrom31October2022onwards
- Chairman, UniversityLevel Purchase Committee, Babasaheb BhimraoAmbedkarUniversityfrom01September2022to9thFebruary2023
- Professor In Charge, Engineering Section, Babasaheb Bhimrao Ambedkar University, Lucknow from 6thJune2020 onwards

ii. Prof. Manish Kumar Verma

- **Council Member**, Indian Council of Social Science Research (**ICSSR**), Ministry of Education, Government of India, N. Delhi (2024-2026).
- **Former Secretary**, Indian Sociological Society, N. Delhi (2022-2023).
- **Council Member**, Indian Council of Social Science Research (**ICSSR**), Ministry of Education, Government of India, N. Delhi (2024-2026).
- **Secretary**, Indian Sociological Society, N. Delhi (2022-2023)
- Member, **'Institutional Ethics Committee'**, Sanjay Gandhi Post Graduate Institute for Medical Sciences (**SGPGI)**, Lucknow from 15.11.2016 to 14.11.2019.

- **Managing Committee Member**, Indian Sociological Society (**ISS**) from January 2016 to December 2021.
- **External Member**, Board of Studies, Department of Sociology, Vanasthali Vidyapith, Vanasthali (Rajasthan).
- **External Member**, Board of Studies, Department of Sociology, IIS University, Jaipur (Rajasthan).
- **External Member**, Board of Studies, Department of Sociology, DDU Gorakhpur University, Gorakhpur (U.P.).
- **External Member**, Board of Studies, Department of Sociology, Shakuntala Mishra National Rehabilitation University, Lucknow (U.P.).
- **External Member**, Board of Studies, Department of Sociology and Social Work, APS University, Rewa (M.P.).
- **External Member**, Board of Studies, Department of Sociology and Social Work, Choudhary Charan Singh, Meeruth University, Meeruth.
- **External Member**, Board of Studies, Department of Sociology, Kanpur University, Kanpur.
- **External Member**, Board of Studies, Department of Sociology, School of Social Sciences, Central University of Punjab, Bathinda (Punjab) from April 21, 2022 to April 20, 2024.
- **Member**, **Expert Committee,** Department of Sociology, School of Humanities and Social Sciences, Central University of Jharkhand, Ranchi for Drafting of the Course Curriculum for "Five Year Integrated MA Program in Sociology" with MEME (Multiple Entry Multiple Exit) in accordance with the NEP-2020.
- **External Member**, Board of Studies, Department of Sociology, School of Social Sciences, Siddharth Nagar University, Kapilvastu, Siddharth Nagar (U.P.) for 2022 to 2023.
- **External Member**, Research Advisory Committee, Department of Sociology, School of Social Sciences, Awdhesh Pratap Singh University, Rewa (M.P.) for 2022 to 2023.
- **External Member**, Research Advisory Committee, Department of Sociology, School of Social Sciences, Mahatama Gandhi Central University, Motihari (Bihar) from February 27, 2021 to February 26, 2024.
- **External Member**, Departmental Research Committee, Department of Social Work, School of Social Sciences, Mahatama Gandhi Central University, Motihari (Bihar) from 31 October 2020 to 30 October 2023.
- **External Member**, Board of Studies, Department of Sociological Studies, Central University of South Bihar, Gaya (Bihar).
- Member, BPGS, Department of Sociology, Tripura Central University, Agartala
- Member, BPGS, Department of Sociology, University of Ranchi, Ranchi from April 2016 to March 2018.
- Life Member, Indian Sociological Society (ISS)
- Life Member, Rajasthan Sociological Association (RSA)
- Member, International Sociological Association (ISA)
- Peer Reviewer/Content Reviewer of Study Material, Sikkim Manipal University
- Course-Coordinator, Sikkim Manipal University
- Secretary, RC-07, Rural, Tribal and Peasant Sociology of Indian Sociological Society (ISS)
- Member, Editorial Board, Journal of Uttarakhand Academy of Administration, Nainital, Uttarakhand
- Member, Advisory Board, Journal 'Abhisaran', Bid, Maharastra
- Member, Editorial Board, Journal 'Research Process', Aurangabad, Maharastra
- Member, Editorial Board, International Journal, "Social Science and Development Policy", Lucknow
- Member, Editorial Board, Journal 'Sociology Today', Bangalore, Karnataka
- Chairman, School Board, Ambedkar School of Social Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow from 10.01.2023 to 09.01.2026.
- Chairman, School Board, School of Vocational and Futuristic Studies, Babasaheb Bhimrao Ambedkar University, Lucknow from 06.06.2023 to till date.
- Ex-officio Member, Examination Committee of Babasaheb Bhimrao Ambedkar University,

Lucknow in the capacity of the Dean, Ambedkar School of Social Sciences
- Member (in the capacity of Controller of Examinations) of Group-A cadre Modified Assured Carrier Progression Scheme (MACP) committee
- Member (in the capacity of Controller of Examinations) of Group-B cadre Modified Assured Carrier Progression Scheme (MACP) committee
- Convener, University Equivalence Committee, BBAU, Lucknow
- Convener, University Research Degree Committee (RDCU), BBAU, Lucknow
- Member-convener, Examination Committee, BBAU, Lucknow
- Member, Academic Council, BBAU, Lucknow
- Chairman, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Chairman, Department Research Committee, Deptt. of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Member, School Board, School for Ambedkar Studies of Social Sciences, BBAU, Lucknow
- Deputy Coordinator, UGC-SAP, Deptt. of Sociology, BBAU, Lucknow
- Chairman, IQAC, Department of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Chairman, Grievance Redressal Commiittee, Department of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Chairman, Women Cell, Department of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Chairman, Sexual Harassment Committee, Department of Sociology, BBAU, Lucknow from 28.11.14 to 27.11.17.
- Chairman, Placement Cell, Department of Sociology, BBAU, Lucknow

iii. Prof. Birendra Narain Dubey
- Life Member, International Sociological Association
- Life Member, Indian Sociological Society
- Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow
- Member, DRC, Deptt. of Sociology, BBAU, Lucknow
- Member, School Board, School for Ambedkar Studies, BBAU, Lucknow
- Comparative Education Society of India
- Life Member, Indian Teachers' Association
- Life Member, Association for Socio-Economic Development
- Life Member, All Indian Rights Organization
- Convener, RC 05 (Sociology of Education) Indian Sociological Society
- Reviewer, IMPRESS, ICCSSR, New Delhi

iv. Prof. Jaya Shrivastava
- Senate Member, National Institute of Technology (NIT), Jalandhar, Punjab.
- Member, Research and Academic Programme Committee (RAC), Giri Institute of Development Studies (GIDS), Lucknow.
- Member, Board of Management, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member, Academic Council, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member, Board of Post Graduate Studies (BPGS), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member, Board of Under Graduate Studies (BUGS), Amethi Satellite Centre, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member, SC/ST Advisory Committee for effective implementation of "UGC guidelines for Strict Implementation of Reservation Policy of the Government in University, Deemed to be University, Colleges and Other Grant-in-Aid Institutions and Centre-2006", BBAU, Lucknow.
- Member, The Manpower Engagement and Disengagement Committee, BBAU, Lucknow.

- Life Member, Indian Sociological Society.
- Member, American Sociological Society.
- Life Member, Asian Association of Women's Studies.
- Life Member, Indian Association of Women's Studies.
- Life Member, Indian Social Science Academy.
- Life Member, Indian Social Science Association.
- Life Member, ASEDS
- Member, Editorial Board, All Journals published by RajakiyaSangrahalaya, Jhansi.
- Member, Editorial Board, Indian Journal of Bio-Research, Social Science Volume, Lucknow.
- Member, Editorial Board, Research Post Journal, Jaipur.

v. **Dr. Brajesh Kumar**

- Lifetime Member, Indian Sociological Society, New Delhi.
- Member, International Sociological Association, Madrid, Spain.
- Member, International Union for the Scientific Study of Population.

vi. Dr. Ajay Kumar

- Member, Editorial Board, the perspective International Journal of Social Science and Humanities.
- Life Member of Indian Journal of Dalit and Tribal Studies (IJDTS) ISSN 2348-1757. A bi-annual bi-lingual refereed journal of Dalit Studies, BHU, Varanasi.
- Life Member of BBAU Alumni Association.
- Co-Convener of Research Committee-17, Social Movements, Indian Sociological Society, New Delhi.
- Life Member of BBAU Alumni Association.
- Life Member (LMI-3836), Indian Sociological Society, New Delhi.
- Member of Research Committee-01, History of Sociology, Indian Sociological Society, New Delhi.
- Member of Research Committee-9, Dalits and Backward Classes, Indian Sociological Society, New Delhi.
- Member of Research Committee-10, Gender Studies, Indian Sociological Society, New Delhi.
- Member of Research Committee-17, Social Movements, Indian Sociological Society, New Delhi.
- Member, Editorial Board, the perspective International Journal of Social Science and Humanities.
- Life Member of Indian Journal of Dalit and Tribal Studies (IJDTS) ISSN 2348-1757. A bi-annual bi-lingual refereed journal of Dalit Studies, BHU, Varanasi.
- Member (SC/ST Nominee) for the selection committee to appoint Research Assistant for ICSSR sponsoredempirical project on "Human Rights of Elderly People in Uttar Pradesh: A Critical Study"04-07-2024.
- Member (SC/ST Nominee) for the selection committee to appoint Research Assistant andField investigator for ICSSR sponsored short-term empirical project on "Need Assessment of Massive Open Online Courses (MOOCs) for SWAYAM platform of Higher Education"14-05-2024.
- Member (SC/ST Nominee) for the selection committee to appoint field investigator for ICSSR sponsored short-term empirical project on "Sukanya Samriddhi Yojna se Acchaditparivaro ka unkeshaikshik, Samajik Evam ParivarikDayitvokeNirvahn par padne vale Prabhav ka addhyan"09-11-2023.
- Member (SC/ST Nominee) for the selection committee to appoint Project Assistant and field investigator for ICSSR sponsored short-term empirical project on"Impact of PM Kisan Samman Nidhi on Farmers of Uttar Pradesh: an Empirical Study of Raebareli and Unnao Districts" 03-11-2023.

- Member (SC/ST Nominee) for the selection committee to appoint field investigator for ICSSR sponsoredshort-term empirical project on "An Analysis of Effectiveness of Beti Bachao Beti Padhao (BBBP) Programme to Save, Educate and Empower the Girl Child in Uttar Pradesh" 30-10-2023.
- Member of Committee for the Verification of Documents (Samarth Portal) for Admission for the academic session-2023-24.
- Member of PhD Admission Monitoring Committee, BBAU-2023-24.
- Member of Admission Monitoring Committee, BBAU-2023-24.
- Member Secretary of Committee for Alumni Interaction-2023.
- Member of Committee for the review the format of the "Annual Performance Appraisal Report (APAR /SAR), BBAU-2023.
- Member, Board of Post Graduate Studies (BPGS), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member, Board of Under Graduate Studies (BUGS), Amethi Satellite Centre, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.
- Member of Committee for Unnat Bharat Abhiyan, BBAU, 2023.

7. Detail of books written/edited by faculty members

i. Dr. Brajesh Kumar

- *Education and Transition to Work: Understanding the Challenges of Youth*, 2022, Bangalore: The Write Order. (ISBN 978-93-95563-44-4)
- *उच्च शिक्षा में प्रथम पीढ़ी के विद्यार्थियों की चुनौतियाँ एवं प्रतिक्रिया (Uchchshikṣaa men* prathampeeḍhxeekevidyaarthiyonkeechunautiyaanevnpratikriyaa) (Challenges and Response of First-Generation Students in Higher Education), 2022, Delhi: The Dreambook Publication (ISBN 978-93-91276-80-5)

8. Details of book Chapter in edited volume

i. Prof. Bibhuti Bhushan Malik

- "Environment and Development: Ethical and Empirical Paradox" in Kameshwar Choudhary 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)

ii. Dr. Brajesh Kumar

- Understanding maternal healthcare deprivation in Bihar, In S. R. Mahapatro, U. S. Mishra &S. Swain (Eds). *Health and nutrition of women and children in Empowered Action Group states of India: Status and progress*. New York: Routledge. (ISBN 9781032374871)

iii. Dr. Ajay Kumar

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

9. Name of the Scheme/Project/ Endowments/ Chairs:

- Worked as Project Director and Principal Investigator, and Completed a Short-Term Empirical Research Project "Impact of PM Kisan Samman Nidhi on Farmers of Uttar Pradesh: an Empirical Study of Raebareli and Unnao Districts", Sponsored by ICSSR, Ministry of Education, GOI, with a Total Fund of 4,20,000 (INR in Lakhs).

10. Paper published during the year by the faculty members (during 01.04.2022–31.03.2023)

Prof. Bibhuti Bhushan Malik

i. "Bharatiya Rashrtiya Ban – Nitiya Ebam Adibsiyoke 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 pp 229-237 (with Dipak)

ii. **Book Review:** Voluntary Organisations and Rural Development in South Asia: Assumptions andRealities, by UmakantaMohapatra, Springer, 2022",Sociological *Bulletin*, 16thJune 2024 (online first) {ISSN0038- 0229}.

Prof. Manish K. Verma

i. "**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)

ii. **"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 Venkatesh Dutta & Priyanka Ghosh edited book on, **"Sustainability: Science, Policy and Practice in India- Challenges & Opportunities", Springer Nature, Germany**. 7th February 2024. (ISBN: 978-3-031-50134-0)

iii. "**Economic Inclusion of Transgender Community**". Published in Journal Shodh Disha, Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)

iv. "**Women: An Explorations of Women's Coping Mechanism**". Published in Journal Shodh Disha, Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)

v. "**The Prevalence of Elderly Abuse in India: A Sociological Analysis**". Published in Journal Shodh Disha, Bijnor, U.P., Issue 62/6, April- June 2023 (ISSN-0975-735X)"**Environmental Change and Forced Displacement: Understanding the Phenomenon Through Sociological Lenses**". Published in Madhya Pradesh Journal of Social Sciences, A Biannual Journal of M.P. Institute of Social Science Research, Ujjain, Vol No. 28, No. 5, May 2023, Impact Factor: 5.3 (ISSN-0973-855X)

vi. "**Work from Home and Associated Cyber Vulnerabilities in Metropolitan Cities**". Published in Journal Shodhsamhita, Nagpur, Maharastra, Vol No. X, Issue 5(1), Jan- June 2023, Impact Factor: 4.95 (ISSN-2277-7067)

vii. "**Environmental Change and Forced Displacement: Understanding the Phenomenon Through Sociological Lenses**". Published in Madhya Pradesh Journal of Social Sciences, A Biannual Journal of M.P. Institute of Social Science Research, Ujjain, Vol No. 28, No. 5, may 2023, Impact Factor: 5.3 (ISSN-0973-855X)

viii. "**Work from Home and Associated Cyber Vulnerabilities in Metropolitan Cities**". Published in Journal Shodhsamhita, Nagpur, Maharastra, Vol No. X, Issue 5(1), Jan- June 2023, Impact Factor: 4.95 (ISSN-2277-7067)

ix. "**Mapping Environmental Sociology in India**". Published in Journal Shodh Disha, Bijnor, U.P., Issue 61/4, Jan- March 2023 (ISSN-0975-735X)

Prof. Birendra Narain Dubey

i. Corporate Social Responsibility and Community Development: Initiatives of Top 10 CSR Companies of India. (2023). Published in *Research Journey* (ISSN- 2348-7143).

ii. CSR for Environmental Sustainability of Communities: An Interplay Between Business and Environment. (2023). Published in *Research Journey* (ISSN- 2348-7143).

iii. Sustainable development goal for quality education and corporate social responsibility in India. (2023). Published in *Humanities and Social Science Studies* (ISSSN- 2319-829X).

iv. Covid-19, Corporate Social Responsibility and Beyond. (2023). Published in *Journal of Social Responsibility, Tourism and Hospitality* (ISSN- 2799-1016).

v. Experiences and Perceptions of Affirmative Action in Higher Education: A Critical Analysis of Dalit and Non-Dalit Women in a Central University. (2023). Published in *International Journal for Multidisciplinary Research (IJFMR)* (ISSN- 2582-2160).

vi. Rashtriya Shiksha Niti-2020, SambhavnayenevamChunautiyan: DivyangjanonkeSandarbh me ek SamajshastriyaVishleshan. (2023). Published in *Bharatiya Shiksha Shodh Patrika* (ISSN-0970-7603).

Dr. Brajesh Kumar

i. राष्ट्रीय शिक्षा नीति-2020, संभावनाएं एवं चुनौतियां: दिव्यांगजनों के संदर्भ में एक समाजशास्त्रीय विश्लेषण, *Bhartiya Shiksha Shodh Patrika*, Vol. 42, No. 2 (ii), 2023, (ISSN 0970-7603). उच्च शिक्षा में अध्यनरत दिव्यांग छात्रों पर कोविड-19 के प्रभावों का एक समाजशास्त्रीय विश्लेषण, *मध्य प्रदेश सामाजिक विज्ञान अनुसंधानजर्नल*,Vol. 21, No. 2, 2023, pp. 111-126. (ISSN 0973-8568)

Dr. Ajay Kumar

i. Kumar, Ajay. (December, 2023). "Hindi Kshetra ki Dalit Patrkarita: Etihasik Sandarbh Samkaeen 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.

ii. Koushlendra, Pratap singh, Kumar, Ajay. (2023) *"Bharat mein Samaj Kary Abhyas: Naveen Pariprekshya 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.

iii. Kumar, Ajay. (2023), "Dalit Gyan ki Deshaj Parampara : Uttar Bharat mein Dalit Angik Gyan ki Nirmiti aur Adhunik Moolybodh Vaya Hindi Dalit Patrakarita" A research paper has beenpublished in BanaasJanJournal *(ISSN 2231-6558). [https://ugccare.unipune.ac.in/Apps1/User/WebA/OtherLanguage. Sr.No.160]*

iv. kumar, Ajay. (2023), A Book Review on "नदीपुत्र: उत्तर भारत में निषाद और नदी" (रमा शंकर सिंह) A Book Review Article has been published inMadhya Pradesh Samajik Vigyan Anusandhan journal *(ISSN 0973-8568)* Vol.21-1, June-2023, Published by M. P. Institute of Social Science Research (MPISSR), Ujjain, Madhya Pradesh.

11. Attended/Participated in Conferences/Seminars/Workshop inside country

Prof. Bibhuti Bhushan Malik

i. Delivered Lectureon"Education of Indigenous Community: Sociological Perspectives"as a Resource Person in a two days National Seminar on Tribal Education Jharkhand: Vision, Orientation and Challenge, Organised by Daulat Mahato Memorial Teachers Training College, Banaso, Hazribagh, Jharkhand, 26-27th November 2023

ii. Delivered a Lecture on "Tribal Communities in India: Issues of Identity, Law and Culture"as a Panelist at a National Seminar, organized by Dr. Ram Manohar Lohiya, National Law University, Lucknow on13-14th May 2023

iii. Delivereda Special Lectureon "The Sociology of National Education Policy 2020", organized by Department of Sociology, BHU, Varanasi on 5thApril 2023

iv. Delivered a lecture at the National Seminar on "Tribal Community and the Traditional Knowledge for Sustainable Development" organized by Birsa Munda Chair, Indira Gandhi National Tribal University, Amarkantak, 22nd March 2023.

v. Delivered lectureat the State-Level Consultation Meeting on the National Curriculum Framework (NCF) Review on Gender Equity, Organised by Action Aid-India, Association UP Lucknow on 3rd March 2023.

vi. Chair a Session and Delivereda Lectureon "Technology, Climate Change and Global Warming: Future of Indigenous Communities" at the International Conference organized by Ethnographic and Folk Culture Society, in collaboration with RC-07of Indian Sociological Society, Dept. of Sociology, Lucknow University, Lucknow on 17-18 March 2023.

vii. Presented Paper on "*Dalit-Aadivasi Mobilization in Odisha: Castes in Castes and the Politics of Partisan and Convenience"*at 47th All-India Sociological Conference, organized by Indian Sociological Society, University of Science and Technology Meghalaya, 20-22 December 2022 on 21th December, 2022

viii. Delivered a special lecture on *"Economy Society and Globalization: Future Challenges"* RC-3 at 47th All-India Sociological Conference, organized by Indian Sociological Society, University

of Science and Technology Meghalaya,20-22 December2022 on 21th December, 2022.

Prof. Jaya Shrivastava

i. Prof. Jaya Shrivastava, Head, Department of Sociology, delivered a special lecture as a resource person on the topic entitled "Research Methodology for Social Sciences" organized by Department of Lifelong Learning and Extension/Sociology, C.S.J.M. University, Kanpur, Uttar Pradesh on November 20th, 2023.

Dr. Brajesh Kumar

- Delivered a lecture on 'Proposing a Sociological Perspective on Cultural Tourism' in the "Management Development Programme on Tourism and Travel Management in India" Organised by Department of Management Studies, BBAU, Lucknow, March 4-9, 2024
- 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.
- Delivered a lecture on 'Essentials of Research Design and Research Planning' in a "Faculty Development Programme on Fundamentals of Research in Social Sciences" Organised by the Integral University, Lucknow.

Dr. Ajay Kumar

- Organized a Session on "Challenges, Concerns & Opportunities for Higher Education and Nation Building Under NEP-2020" (Parallel Technical Session-14) at a National Seminar on "National Education Policy 2020, Sustainable Development Goals and Nation Building: Perspectives, Issues, Concerns & Challenges" Organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow, 04.11.2023.
- Organized a Session on "NEP-2020, SDGs and Nation Building : Theoretical Perspective and Emerging Discourse" (Parallel Technical Session-1) at a National Seminar on "National Education Policy 2020, Sustainable Development Goals and Nation Building: Perspectives, Issues, Concerns & Challenges" Organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow, 03.11.2023.
- Chaired Technical Session as Resource Person on *"Role of Gram Panchayat in the Socio-Economic and Political Development of the Tribal Community"*at a National Seminar on "Working on Panchayati Raj Institution in the Scheduled Areas of Madhya Pradesh: Expectations and Reality", organised by Department of Political Science and Human Right, Indira Gandhi National Tribal University, Amarkantak (M.P.), 17th -18th February, 2023.
- Participated in Seven Days National Workshop on "Enhancement of Research Quality in Young Social Scientists" (online mode) on June 20th to June 26th, 2024. Organized by Indian Sociological Society, New Delhi and Regional Associations of the Society.
- Participated in Two Week Capacity Building Programme (offline mode) on "Public Policy and Governance in India" organised by the Department of Political Science, Ambedkar School of Social Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow from 21.11.2023 to 02.12.2023.

12. Details of invited lectures inside country

Prof. Bibhuti Bhushan Malik

i. Delivered Lecture on "Aadhunik Paridrish me Rastriya Siksha Niti" organized by Jawaharlal Nehru Memorial Post Graduate College, Barabanki, Uttar Pradesh on 07 September, 2022.

ii. Delivered Lecture on "Women Trafficking in India: Issues and Concerns" organized by Department of Sociology and IQAC, Marshaghai College, Marshaghai, Kendrapara on 05 April, 2022.

iii. Delivered a Lecture on "Tribal Communities in India: Issues of Identity, Law and Culture "as a Panelist at a National Seminar, organized by Dr. Ram Manohar Lohiya National Law University, Lucknow on 13-14th May 2023.

iv. Delivered a Special Lecture on "The Sociology of National Education Policy 2020", organized by Department of Sociology, BHU, Varanasi on 5th April .

v. Delivered a lecture at the National Seminar on "Tribal Community and the Traditional Knowledge for Sustainable Development" organized by Birsa Munda Chair, Indira Gandhi National Tribal University, Amarkantak, 22nd March 2023.

vi. Delivered lecture at the State-Level Consultation Meeting on the National Curriculum Framework (NCF) Review on Gender Equity, Organised by Action Aid-India, Association UP Lucknow on 3rd March 2023

vii. Chair a Session and Delivered a Lecture on "Technology, Climate Change and Global Warming: Future of Indigenous Communities" at the International Conference organized by Ethnographic and Folk Culture Society, in collaboration with RC-07 of Indian Sociological Society, Dept. of Sociology, Lucknow University, Lucknow on 17-18 March 2023.

viii. Presented Paper on "*Dalit-Aadivasi Mobilization in Odisha: Castes in Castes and the Politics of Partisan and Convenience"* at 47th All-India Sociological Conference, organized by Indian Sociological Society, University of Science and Technology Meghalaya, 20-22 December 2022 on 21th December, 2022.

ix. Delivered a Lecture at 'Bharat@100' Project: 'Vision and Roadmap for India of 2047' organized by Pahle India Foundation, New Delhi on 14th December 2022.

x. Delivered a special lecture on *"Economy Society and Globalization: Future Challenges"* RC-3 at 47th All-India Sociological Conference, organized by Indian Sociological Society, University of Science and Technology Meghalaya, 20-22 December 2022 on 21th December, 2022.

xi. Chaired a session on *"Dalit Studies of RC-9",* at 47th All-India Sociological Conference, organized by University of Science & Technology Meghalaya, 20-22 December 2022 on 21th December, 2022.

xii. Delivered a special lecture on *"Media and Society",* RC-20 at 47th All-India Sociological Conference, organized by Indian Sociological Society, University of Science and Technology Meghalaya, 20-22 December 2022 on 20th December, 2022

xiii. Chaired a Panel Discussion on *'Financial Inclusion Schemes in India'*, BBAU, Lucknow on dated 05 December, 2022.

xiv. Participated at National Workshop on "*Leadership Development for Deans of Faculty and Heads of Department of Universities"*, Organized by Department of Higher and Professional Education, National Institute of Educational Planning and Administration during, 23-28th November 2022.

xv. Delivered Lecture on *"Symposium as a Eminent Speaker on 'Critical Perspectives"* on Contemporary Themes in Social Sciences" organized by Amity University, Lucknow on 05th April, 2022

Prof. Manish K. Verma

i. 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, organized by School of Social Sciences, Assam Kaziranga University, Jorhat scheduled between 8th to 20th July, 2024.

ii. 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, organized by School of Social Sciences, Assam Kaziranga University, Jorhat scheduled between 8th to 20th July, 2024.

iii. Delivered an Invited Lecture as Resource Person on **'How to Conduct Social Research'** to the students and research scholars of Various Universities of India, organized by Indian Research scholars Association on June 17, 2024.

iv. Delivered an Invited Lecture as Resource Person on **"Our Land Our People"** to the officers and employees of Indian Railways, Lucknow on the Occasion of **"World Environment Day"** on 5th June 2024 with the aim to sensitize people about the impact of behavioral change on the environment.

v. Delivered an Invited Lecture as Resource Person on 5th June 2024 on the theme "**NEP and Higher Education in India**" to the participants of 6th NEP (Orientation and Sensitization) by the UGC-MMTTC, DDU, Gorakhpur University, Gorakhpur Scheduled between 27th May to 5th June 2024.

vi. 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.

vii. Delivered an Invited Lecture as Resource Person on **'Orientation Lecture on Sociology'** to the students and research scholars of Punjab Central University, Bathinda on April 17, 2024.

viii. Chaired a session on **"Environment, Climate Change and Sustainable Development"** in a three-day 19th Annual Conference of Uttar Pradesh-Uttarakhand Economic Association (UPUEA) organized on **"Sustaining Growth with Equity: Sectoral Growth, Trade and Social Protection in the 21st Century"** by the Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. scheduled during April 13-15, 2024.

ix. Delivered Bella Dutta Gupta Memorial Lecture on **"Environment and Sustainable Development: Indian Context"**, organized by the Department of Sociology, University of Calcutta, Kolkatta on 27th March 2024.

x. Delivered Valedictory address as Resource Person in a National Seminar Organized on the theme, **"Basic Indian Social Institutions: Continuity and Change"** by the department of Sociology, DDU Gorakhpur University, Gorakhpur on March 19-20, 2024.

xi. Delivered a lecture as Chief Guest in a national Seminar organized on the theme, **"Various Dimensions of Social Empowerment in the Concept of Developed India"** 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 scheduled on 20th March 2024.

xii. Delivered an Invited Lecture as Resource Person on **'Revisiting 100 Years of Indian Sociology: Text, Context and Future Pedagogy'** organized by the Department of Sociology, University of Lucknow, Lucknow on March 13-14, 2024.

xiii. Delivered an Invited Lecture as Resource Person on **'The impact of Pradhan Mantri Awas Yojana (PMAY)'** in an ICSSR Sponsored impact assessment workshop organized by KKV College, University of Lucknow, Lucknow on 9th March 2024.

xiv. 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'** in an ICSSR Sponsored impact assessment workshop organized by the Department of education, Babasaheb Bhimrao Ambedkar University, Lucknow on 8th March 2024.

xv. Delivered an Invited Lecture as Resource Person on **'How to Write a research proposal: Main Elements, Identification and Presentation of Issues'** in an ICSSR Sponsored Two Week Capacity Building Program organized by the Department of Sociology, Central University of Panjab, Bhatinda on 27th January 2024.

xvi. Delivered an Invited Lecture as Resource Person on **'Report Writing and References in Report Writing (APA)'** in an ICSSR Sponsored Two Week Capacity Building Program organized by the Department of Sociology, Central University of Panjab, Bhatinda on 27th January 2024.

xvii. Delivered an Invited Lecture as Resource Person on **'Need for Indigenous Sociology in India'** in a ICSSR Sponsored Two Days Workshop organized 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 on 19-20 January 2024.

xviii. Delivered an Invited Lecture as Resource Person on **'Crisis and Challenges before Media for a Sustainable Society'** in RC 20, Media Studies, during 48th All India Sociological Conference organized on the theme **"Crisis of the 21st Century and the Way Forward"** by the Vellore Institute of Technology, Vellore, Tamilnadu on December 28-30, 2023.

xix. Delivered an Invited Lecture as Resource Person on **'Care, Environment and Society'** in RC 27, Sociology of Care, during 48th All India Sociological Conference organized on the theme **"Crisis of the 21st Century and the Way Forward"** by the Vellore Institute of Technology, Vellore, Tamilnadu on December 28-30, 2023.

xx. Delivered Keynote address on **"Development with Dignity"** in a two-day National Conference organized by the Department of Sociology, University of Burdman, Burdman, W.B. scheduled during November 29-30, 2023.

xxi. Chaired a session on **"Development with Dignity"** in a two-day National Conference organized by the Department of Sociology, University of Burdman, Burdman, W.B. scheduled during November 29-30, 2023.

xxii. Delivered Keynote address on **"Climate Change and its Impact in North East India:**

Understanding Recent Trends and Patterns" in a two-day National Conference organized by the Department of Sociology, Kamargaon College, Jorhat, Assam scheduled during November 9-10, 2023.

xxiii. Delivered two Invited Lecture as Resource Person on 20th September 2023 on the theme "**Development, Marginality and Issues of Displacement**" to the participants of 1refresher Course conducted by the UGC Human Development Resource Centre, University of Allahabad, Prayagraj.

xxiv. Delivered Keynote address on **"Good Governance and Social Transformation in Nepal"** in a three-day International Conference organized by the Nepal Sociological Association (NSA) scheduled during September 1-3, 2023 at Lumle, Pokhara, Nepal.

xxv. Delivered an Invited Lecture as Resource Person in a one-day National Webinar scheduled on 24th August 2023 on the theme "**Challenges of Implementation in National Education Policy 2020**" organized by Govt. Girls PG College, Chattarpur, M.P.

xxvi. Delivered an Invited Lecture as Resource Person in a one-day National Webinar scheduled on 21st August 2023 on the theme "**Challenges of Implementation in National Education Policy 2020**" organized by Govt. College, Hatta, Damoh, M.P.

xxvii. Delivered an Invited Lecture as Resource Person in a one-day National Webinar scheduled on 4th August 2023 on the theme "**Research Ethics and Publication**" organized by the Kolhan University, Chaibasha, Jharkhand for the Young Assistant Professors and Research Scholars.

xxviii. Delivered an Invited Lecture as Resource Person in a one-day National Webinar scheduled on 29th July 2023 on the theme "**Thinking Sociologically**" organized by the RC27: Sociology of Care, Indian Sociological Society, N. Delhi.

Prof. Birendra N. Dubey

i. Delivered two lectures on "Globalization and Privatization- it's implications for Higher Education'' dated 7th December, 2021 at ECP of PGDHE held from 29 November-08 December, 2021, IGNOU, PSC, Sri JN PG College, Lucknow.

ii. Delivered a lecture as a resource person on ''Contemporary Issues in Higher Education" dated January 18, 2022 at 2rd Faculty Induction Programme organized by UGC-HRDC, DDU Gorakhpur.

iii. Delivered a lecture as a resource person on ''Data and Social Science Research" dated February 01, 2022 at 3rd Faculty Induction Programme organized by UGC-HRDC, DDU Gorakhpur.

iv. Delivered a lecture as a resource person on ''Privatization of Higher Education In India" dated March 31, 2022 at short term course on Research Methodology organised by UGC-HRDC and Department of Sociology, DDU Gorakhpur.

Prof. Jaya Shrivastava

i. Chaired a technical session and delivered an invited lecture on the topic "Personal Capacity Building in the Contemporary Development Discourse" in "National Commission for Women (NCW), New Delhi supported Capacity Building and Personality Development Programme (CB & PDP) for UG and PG girl's students jointly organized by NCC Unit (20 UP Girls BN, NCC & UP BN, NCC), Sports Section and Department of Information technology of Babasaheb Bhimrao Ambedkar University, Lucknow on 9th June, 2023.

ii. Delivered a lecture as a key note speaker on the topic Women Entrepreneurship and Empowerment: Possibilities and Predicament in a National Seminar organized by NSS Unit-1 and IQAC team on Integral Government College, Medinipur, West Bengal on 8th march, 2024.

iii. Delivered a valedictory lecture in an International Conference on "Multidisciplinary towards sustainability in the Era of Artificial Intelligence" on the topic "Bridging Gender Gaps through Artificial Intelligence: A Step towards Social Sustainability" organized by Integral University, Lucknow on 06th March, 2024.

iv. Delivered a Valedictory Address on the topic "Indigenizing Social Knowledge in Indian Context: Liberating the Existing Knowledge System from the Western or Colonial Hegemony" in a refresher course organized by UGC-HRDC for Associate Professors, University of Lucknow on 21st January,2024.

v. Delivered an invited lecture entitled "Exploring Hegemonic Masculinity and It's Linkage with Violence against Women in Indian Context" in a Inter/multidisciplinary refresher course organized for Assistant and Associate Professors by UGC-HRDC, Dr. Hari Singh Gaur Central University, Sagar on 7th November, 2023.

vi. Delivered an invited lecture as a resource person on the topic "Research Methodology in Social Sciences" organized by CSJMU, Kanpur, India

Dr. Brajesh Kumar

i. Delivered an online lecture on 'Grounded Theory' in a "Ten Days Refresher Training Programme on Social Science Research Methods for University Teachers and Faculty in Research Institutions and Research Scholars" Organised by A. N. Sinha Institute of Social Studies, Patna, March 05, 2022.

Dr. Ajay Kumar

- Presented a paper on 'भारत में समाज शास्त्र की शताब्दी: सवाल देश समाजशास्त्र एवं देशीकरण की उपस्थिति एवं अनुपस्थितिका-Centenary of Sociology in India: The Question of Presence and Absence of Indigenous Sociology and Indigenization' in the ICSSR sponsored two-day workshop on 'Revisiting Sociology: Text, Context, Pedagogy' on 19-20, January 2024 at Govind Ballabh Pant Social Science Institute, Prayagraj.
- Presented a paper on (RC-09: Dalit Studies) *"Indigenous Tradition of Dalit knowledge in North India and creation of Dalit knowledge through Hindi Dalit journalism : Some sociological reflections"* in the 48th All India Sociological Conference on The Crisis of the 21st Century and the Way Forward, Organised by Department of Social Sciences, School of Social Sciences and Languages, 28th-30th December, 2023.
- Presented a paper on (RC-17: Social Movement)*"शैक्षणिक परिसरों में छात्र सक्रियता: धारणा-प्रतिरोध और स्वतंत्रता कुछ प्रश्न, कुछ कथन, Student Activism in Campuses : Perception-Resistance and Freedom: Some Questions, Some Statements"* in the 48th All India Sociological Conference, on The Crisis of the 21st Century and the Way Forward, Organised by Department of Social Sciences, School of Social Sciences and Languages, 28th-30th December, 2023.
- Presented a paper on*"Adivasi Kshetronmein PESA Kanoon: Sankat, Sangharsh Evam Samadhan"* in the National Seminar on Working on Panchayati Raj Institution in the Scheduled Areas of Madhya Pradesh: Expectations and Reality, organised by Department of Political Science and Human Rights, Indira Gandhi National Tribal University, Amarkantak (M.P.), 17th - 18th February, 2023.
- Presented a paper on "Samaveshi Loktantra Banam Dalit Andolan : Sankat, Sangharsh aur Hasil" in the National Seminar on "Bharteey Loktantra : Vichar, Karya Evam Uplabdhiyan" Jointly organised by Gandhi Vichar Evam Shanti Adhyan Sansthan, Allahabad University & Indian council of Social Science Research, New Delhi, 17.02.2023.
- Presented a paper on*"The Interrelationship between making of Dalit organic Knowledge and Dalit Hindi Press in North India : SomeSociological Reflections"*(Under the RC-09 Dalit Studies) Indian Sociological Society Mid-Term International Conference on "Sociology of and in Regions : pedagogy, Practices and Possibilities" organised by Department of Sociology (Centennial Celebrations), University of Lucknow, 28th -30thAprail, 2023.
- Presented a paper on*"Student Activism in Campuses : Perception-Resistance and Freedom: Some Questions, Some Statements" (*Under the RC-17-Social Movement)Indian Sociological Society Mid-Term International Conference on "Sociology of and in Regions : pedagogy, Practices and Possibilities" organised by Department of Sociology (Centennial Celebrations), University of Lucknow, 28th -30thAprail, 2023.

13. Details of Research Projects (Major and Minor)

i. Dr. Ajay Kumar

- **Completed** Seed Money Research Project on**["दलित हिन्दी प्रेस एवं डॉक्टर भीमराव अंबेडकर की वैचारिकी का अंतर्संबंध :बहुजन कल्याण प्रकाशन लखनऊ का एक ऐतिहासिक अध्ययन" The Inter-**

relationship between Dalit Hindi Press and Dr. Bhimrao Ambedkar's ideology : An Historical Study of Bahujan Kalyan Prakashan, Lucknow], Babasaheb Bhimrao Ambedkar University, Lucknow.

14. Students achievements

i. Accomplishments of Students

Number of students completed their Masters	M.A.	40
Number of students selected in Universities	Govt. Job.	01 Assistant Professor,University of Lucknow
Number of students selected on other government job	Govt. Job	
Number of students awarded NET/JRF/GATE any other fellowship		JRF – 08, NET - 15

ii. Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/Availing
1	Varsha Singh	Prof. Jaya Shrivastava		Work Challenges of ASHA Workers: A Sociological Study of Selected Blocks of Lucknow District	UGC-JRF
2	Khushboo	Prof. M. K. Verma		Globalisation and New Tourism: A Sociological Study of Wellness Tourism with Special focus on Yoga	ICSSR
3	Jyoti Shukla	Prof. K. Choudhary	--	Culture, Environment and Impact of Tourism in a Meghalaya Village	UGC-JRF
4	Saurabh Kumar	Prof. K. Choudhary	--	Working Condition of Contract Labour: A Sociological Study of Selected Hospitals at Dehradun	UGC-JRF
5	Ashok Kumar Sonkar	Prof. K. Choudhary	--	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)	UGC-JRF
6	Abhishek Kumar	Prof. B.N.Dubey	--	Digitalization in India and Women: A Sociological Study of Hazaribag District	UGC-JRF
7	Tripti Kanaujiya	Prof. K. Choudhary	--	"Social Background and Career Aspirations of Students in Higher Education: A Study of two Selected Universities in Lucknow"	University Non NET

iii. Ph.D thesis submitted during the year

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Pawan Kumar	Prof. M. K.		River Bank Erosion, Displacement and Sustainability: A Sociological Study of People affected by River Sharda	UGC-JRF
2	Nishtha Chaturvedi	Prof. B.N. Dubey		"Live-In Relationship and its Impact on Family and Marriage System: A Sociological Study of Delhi-NCR"	UGC-JRF

3	Km. Manisha	Prof. Manish K. Verma		महिलायें, वृद्धावस्था एवं स्वास्थ्यः बिहार के छपरा जिला का एक समाजशास्त्रीय अध्ययन Women, Ageing and Health: A Sociological Study of Chapra District of Bihar)	UGC-JRF
4	Sanjay Kumar Gautam	Dr. Brajesh Kumar		"Unemployment and Employability among Urban Educated Youth: A Sociological Study of Lucknow District of Uttar Pradesh"	UGC-JRF
5	Durga Prasad Yadav	Prof. B. N. Dubey		भारत में दिव्यांगजन की उच्चशिक्षा संबन्धित सरकारी नीतियांः लखनऊ शहर के चयनित विश्वविद्यालयों का समाज शास्त्रीय अध्ययन (Government Policies for Higher Education of Differently Abled People in India: A Sociological Study of Selected Universities in Lucknow City)	NFPwd

iv. Students pursuing Ph.D.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Riya Singh	Prof. M. K. Verma		Work from Home and Changing Dynamics of Family Structure in the Age of Covid-19 Pandemic: A Sociological Study of Selected States of India	ICSSR
2	Agnivesh Pandey	Prof. B.N. Dubey		Corporate Social Responsibility and Local Area Community Development: A Study of Selected Companies of North India	UGC-JRF
3	Shruti Singh	Prof. B.N. Dubey		Access, Equity, Social Justice and Dalit Women: A Sociological Study of Public and Private Universities of Lucknow District	UGC-JRF
4	Anand Kumar	Dr. Brajesh Kumar		Social Media and Cast Identity Among Youth: A Sociological Study of Selected Universities in Lucknow	NFSC
5	Abhilasha Dohare	Prof. Manish K. Verma		E-Waste Management, Workers' Health and Sustainability: A Sociological Study of Selected Plants of Uttar Pradesh.	UGC-JRF
6	Amir Faisal	Dr. Brajesh Kumar		पसमांदा मुसलमानों में पहचान निर्माण एवं सामाजिक गतिशीलताः उत्तरप्रदेश के मऊनगर का एक समाजशास्त्रीय अध्ययन	UGC-JRF
7	Ashka Raj	Dr. Ajay Kumar		Friendship, Social Status and Identities: A Sociological Study of Selected Universities of Delhi and Lucknow	UGC-JRF
8	Ashwani Umar	Prof. Birendra N. Dubey		Post-Pandemic Emerging Trends in Higher Education: A Sociological Study of Students' Learning Outcomes from Selected Universities of Lucknow.	UGC-JRF
9	Simran	Prof. Jaya Shrivastava		Transphobia, Transgenderism and Challenges of Social Inclusion: A Sociological Study of Lucknow District.	UGC-JRF

10	Mehtab Khan	Dr. Ajay Kumar			UGC-JRF
11	Shivam Patel	Dr. Brajesh Kumar			UGC-JRF
12	Anjali Shukla	Prof. Jaya Shrivastava			UGC-JRF
13	Rima Bardhan	Prof. Jaya Shrivastava			UGC-JRF
14	Shashank Shukla	Prof. B. B. Malik			UGC-JRF
15	Shashi Kumar	Prof. Birendra N. Dubey			UGC-JRF
16	Shivani	Prof. Manish K. Verma			UGC-JRF
17	Kajal Manikrao Wankar	Prof. B. B. Malik			UGC-JRF
18	Ashish Kumar Verma	Prof. Manish K. Verma			UGC-JRF
19	Vanalalawmiki	Prof. Birendra N. Dubey			NET
20	Anil Kumar Rawat (Deptt. of Sociology, Amethi Centre)	Dr. Shankar Kumar Lal			NET

v. Scholars Pursuing PDF.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Dipak Kumar Kharwar	Prof. B. B. Malik	-	प्रधानमंत्री आवास योजना–ग्रामीण का जनजातीय समाज पर प्रभाव : उत्तर प्रदेश के सोनभद्र जपनद का एक समाजशास्त्रीय अध्ययन	**ICSSR-PDF**

15. Any other special achievement recorded by the students

i. Mr. Ashok Kumar, Research scholar, has won the 1st prize in extempore competition organized by the Babasaheb Bhimrao Ambedkar University.

16. Detail of the Publications of the students(Books/Article/Books' Chapters)

Sl. No.	Name Students	Books	Articles/Paper	Book Chapters
1	Agnivesh Pandey	--	04	--
2	Sanjay Kumar Gautam	--	01	--
3	Durga Prasad Yadav	--	01	--
4	Shruti Singh	--	02	--
5	Manisha	--	01	--

17. Google profile of the faculty members, if available

i. **Prof. Bibhuti Bhushan Malik-** **Yes**

	All	Since 2019
Citations	65	35

h-index	5	4
i10-index	2	1

ii. **Prof. Manish K. Verma-** **Yes**

	All	Since 2019
Citations	146	101
h-index	6	6
i10-index	3	3

iii. **Prof. Birendra Narain Dubey-** **Yes**

Research Interest Score	48.4
Citations	12
h-index	1

iv. **Prof. Jaya Shrivastava-** **Yes**

	All	Since 2019
Citations	44	30
h-index	4	3
i10-index	2	1

v. **Dr. Brajesh Kumar-** **Yes**

	All	Since 2019
Citations	3	1
h-index	1	1
i10-index	0	

vi. **Dr. Ajay Kumar -** **Yes**

Research Interest Score- 206.9
Citations- -15
h-index- -15

Department of Public Administration

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. (Honors) Public Administration, M.A. Public Administration and Ph.D. program.

The Department has been highly active in organizing academic activities and co-curriculum activities.

Objectives of the Department

- ✓ To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.
- ✓ To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of administrative theory and practices, Indian administration, civil services reforms, public policy and global governance.
- ✓ To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking between various administrative-governance issues and challenges.
- ✓ To make teaching in public administration theoretically rich and empirically grounded.
- ✓ To motivate and inform students about the opportunities and future prospects in the field.
- ✓ To develop the overall personality of students and prepare them to compete and success in their endeavors.
- ✓ To provide a progressive, healthy and vibrant environment to its students as well as teachers for the purpose of developing a department known for its academic and intellectual pursuit.
- ✓ To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

1. Course Offered:

- ✓ B.A. (Hon's) Public Administration
- ✓ M.A. in Public Administration
- ✓ Ph. D in Public Administration

Facilities available in the department:

- ✓ Classrooms 05
- ✓ Faculty Chamber 03
- ✓ Departmental Office 01

2. Details of Faculty:

i. 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.

ii. **Dr. Vibhooti Narayan**
Assistant Professor, Department of Public Administration
Specialization: Indian Policy & Governance, Financial Administration, Public Policy, Indian Administration Research Methodology, Organizational Behavior etc.
Qualification: M.A.,Ph.D.

iii. 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 Behavior
Qualification: M.A, Ph.D& Post-Doctorat Fellowship

3. Details of Seminar / Conference organized by the Department:

- ✓ Special Lecture by **Prof. R.K Mishra** Former faculty and Head Department of Political Science, University of Lucknow on 22nd December 2023 topic ***"Good Governance Emerging Trends".***

Members / fellowship of professional/academic bodies/ editorial board:

i. Prof. O.P.B Shukla
Indian Political Science Association : Life Membership (Since 2014)

ii. Dr. Pradeep Kumar Singh
Indian Political Science Association : Life Membership (Since 2011)

Proposed Courses:

- ✓ Certificate course in NGO Management
- ✓ Certificate course in Urban Governance
- ✓ Certificate course in Hospital Management

4. <u>Future Plans of the Department:</u>

- ✓ Introducing more courses that are socially relevant. Some of these courses to be introduced in future are: Certificate course in NGO Management, Certificate course in Urban Governance, Certificate course in Hospital Management
- ✓ International collaboration with prestigious institutions
- ✓ Inviting faculty from India and abroad as visiting professors
- ✓ Faculty exchange programme
- ✓ To start a research journal in the department
- ✓ To start a Departmental library

5. Student's achievements:

i. Accomplishments of Students

Number of students completed their Masters/Graduation/Diploma number of student selected in civil services	B.A	65
	M.A	40
	Selected through SSC:	01
Number of student pursing higher studies	60	

ii. **Ph.D Awarded during the year:** 01

Ph.D Pursing Students

S.No	Students Name	Name of the Supervisor	Research Topic	Fellowship Details
1.	Vindrasen	Dr. Vibhoti Narayan	वित्तीय समावेशन में प्रधानमंत्री जन–धन योजना की भूमिका का एक अध्ययनः संत कबीर नगर जनपद के विषेश संदर्भ में।	UGC JRF
2	Praveen Kumar Gautam	Prof. O.P.B Shukla	उत्तर प्रदेश में प्राथमिक शिक्षा की प्रस्थितिः जनपद वाराणसी के विशेष संदर्भ में।	Non NET
3	Mangal Singh	Prof. O.P.B Shukla	सोशल मीडिया का युवाओं पर प्रभावः लखनऊ जनपद के उच्च शिक्षण संस्थानों के विशेष संदर्भ में	UGC JRF
4	Ravi Prakash Verma	Prof. O.P.B Shukla	Impact assessment of AMRUT mission on sustainable Development Goals: a case study of city of Lucknow	NFSC
5	Parul Rai	Dr. Pradeep Kumar Singh	Impact Assessment of Ayushman Bharat- Pradhan Mantri Jan Arogya Yojna: A Case Study of Varanasi District.	UGC JRF
6	Deepanshi Singharia	Dr. Vibhooti Narayan	Exploring Digital Citizen Engagement : With Special Reference to MyGov Platform in the City of Lucknow	UGC JRF
7	Nidhi Prakash	Prof. O.P.B Shukla	Empowerment of Urban Street Vendors Through Pradhan Mantri Svanidhi Scheme: A Study of Lucknow	NFSC
8	Ajmera Kirthi Chandra	-	-	Non NET
9	Arnav Bansal	-	-	Non NET

6. **Google profile of the faculty member**: 01 (Dr. Vibhooti Narayan) (https://scholar.google.co.in/citations?user=b9HiN2oAAAAJ&hl=en)

Department of History

The Department of History was established in 1996 and started functioning from 1997. The department was a part of School of Ambedkar Studies now renamed as School of Ambedkar Studies for Social Sciences. It has the reputation of being one of the oldest departments which adopted interdisciplinary approach to Indian history within the framework of Dr Ambedkar's ideas. The thrust area of the department has been inter-disciplinary historical research and teaching with a special focus on the theme of 'history from below'. This vision and mission of the department is being carried out with a team of dedicated faculty members, research scholars and vibrant students assisted by dynamic supporting staff.

The department blessed with highly motivated faculty members. Some of them are engaged with various research projects sponsored by reputed organizations like ICHR. Besides publishing several papers in national and international journals, faculty members visited countries like UK, Thailand, Sri Lanka, Canada, Singapore, Bangladesh, China and Myanmar to share historical knowledge about India. Department also had the privilege of inviting international scholars from Oxford University, Cambridge University, Columbia University and Birbek University, London. In order to further enrich its research experiences, the department continuously engages itself in organizing national, international seminars and arrange special lectures by eminent academicians. The students of the department are also involved in carrying out research activities in diverse areas. Apart from securing UGC's JRF, NET, the scholars have also been awarded ICHR fellowship, Swami Vivekanand Single Girl Child fellowship, Rajiv Gandhi National fellowship etc. They participate in national and international seminars both in India and abroad and get their research papers published in acclaimed journals approved by the UGC. The research scholars participate and make presentations at the annually held Indian History Congress, UP History Congress sessions.

The curriculum of M.A. programme covers wide range of themes revolving around socio-economic, political and cultural history of ancient, medieval, modern and contemporary India with an emphasis on the history of the marginalized communities. Besides these, the department also offers papers on frontier areas of subject such as environmental history, diaspora history and few non-Indian history papers. The students are provided with facilities like smart classroom, departmental library, internet facilities etc. which facilitates them in clearing some of the challenging examinations like Civil service Examinations, they are also finding employment as Assistant Professors in Colleges and Universities. Many of our students are pursuing studies in JNU, Jamia Millia Islamia University, IGNOU, BHU, Punjab University, Patiala and University of Gujarat. The main objective of the department is not only to equip students to secure employment but also expose them to a variety of cultures and human experience and train them in the interpretation of conflicting evidences. The department also diligently works in preparing students for responsibilities of citizenship and for dealing with ambiguities of human existence. It provides an intellectual challenge as well as stimulus to the imagination and analytical thinking.

2. Courses offered –

i. M.A
ii. Ph.D

3. Facilities available in the Department

i. Departmental Library consisting of good collection of books
ii. Well furnished class rooms with smart board facility
iii. Reading Room for Ph.D scholars
iv. Conference hall for organising meetings, seminars and other events
v. UGC-NET/JRF oriented Classes for students
vi. Competitive rented special classes for students
vii. Remedial class for students
viii. Personality development class for students
ix. Carrier counselling for students from the beginning.
x. Soft skill training for students
xi. Mentoring system to monitor progress of students

4. Details of Faculty

i. Prof. V. M. Ravi Kumar
Professor & Head

Specialization: Modern Indian History, Environmental History, Dalit and Tribal History of modern India
Qualifications: M.A. & Ph.D.

ii. 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

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

iv. 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.

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

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

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

5. **Members/fellowship of professional/Academic bodies/editorial board** ***(Kindly don't furnish confidential work)***

i. Prof. V.M Ravi Kumar

a. Annual Member of Indian History Congress
b. Life Member of Utter Pradesh History Congress
c. Annual Member of Haryana History Congress
d. Chairman BPGS, Department of History, BBAU
e. Chairman DRC, Department of History, BBAU
f. Member, School Board, BBAU
g. Member of Academic Council, BBAU
h. Member of DRC, Department of Home Science, BBAU
i. Chairman, Departmental Admission Committee, History, BBAU
j. Charmin, Committee for up gradation of JRF to SRF
k. Member, Research Advisory Committee, Economics/History, BBAU
l. Member, Research Degree Committee, BBAU
m. Member, DRC Department of Home Science, BBAU
n. Chairman, BUGS, Amathi Satellite Campus, BBAU

ii. Prof. S. Victor Babu

a. Indian History Congress L.M No. 2332
b. Northeast History Congress
c. Andhra Pradesh History Congress
d. Member, South Indian History Congress
e. Member, Academic Council, Nagaland Univesity, Kohima.
f. Member, Social Science School Board, Nagaland University, Kohima.
g. Member, Expert committee of I.C.H.R for the award of J.R.F
h. Chairman, Board of Postgraduate Studies, Dept. of History & Archaeology, Nagaland University, Kohima.
i. Chairman, Board of Undergraduate Studies, Dept. of History & Archaeology, Nagaland University, Kohima.
j. Member, Academic Council, B.B. Ambedkar University, Lucknow
k. Editorial Member, Voice of Dalit, Published by Sage Publications, New Delhi.
l. Chairman/Member coordinator NAAC Peer Teams

iii. Prof. Shura Darapuri

i. Member Board of Under-Graduate Studies of the Department of History, BBAU, Lucknow.
ii. Member Committee constituted to look into the provisions of MoU's signed between Babasaheb Bhimrao Ambedkar University, Lucknow and Giri Institute of Development Studies, Lucknow.
iii. Member Committee constituted to review the practice of selecting 'Gender Champions' and organizing events related to gender issues helpful for achieving the gender sensitive environment in campus and surroundings.
iv. Member, Academic Council, BBAU, Lucknow
v. Life Member, Indian History Congress
vi. UP History Congress
vii. Member Editorial Board, Indian Journal of African Studies, University of Delhi, Delhi, ISSN: 0971-5320
viii. Member, School Board, ASSS, BBAU, Lucknow.

iv. Dr. Sidharth Shankar Rai:

a. Associate, Electronic Cultural Atlas Initiative, University of California, Berkley, USA
b. Life Member, Indian Science Congress Association, India
c. Life Member, Indian Society of Prehistoric and Quaternary Studies, India
d. Member, Indian History Congress, India
e. Member, Departmental Admission Committee, Department of History, BBAU
f. Member, Departmental Research Committee, Department of History, BBAU

v. Dr. Sudarshan Chakradhari

a. Life Member, Indian Society of Prehistoric and Quaternary Studies, Pune, India.
b. Life Member, Indian Archaeological Society, New Delhi, India
c. Life Member, Akhil Bhartiya ItihasSankalan Yojna, New Delhi
d. Member, Departmental Admission Committee, Department of History, BBAU
e. Member, Departmental Research Committee, Department of History, BBAU

6. Details of Seminar/Conference/Webinar organized by the Department:-

i. One Day National Seminar on 'Contribution of Sant Gadage Baba to Indian Society and Culture'And Birth Anniversary Celebration of Sant Gadage Baba, on 22/02/2024.
ii Organised one day seminar on Ambedkarism: Past, Present and Future, 19-04-2024

7. Other Departmental level Academic Activities –

i. A special lecture was delivered by Prof. Sanghamitra S. Acharya, JNU, New Delhi, on the topic "Medical Marginalities: Dalit Women and Health" on 12/05/2023.

ii. A special lecture was delivered by Dr. Nandita Banerjee, on the topic "Latest approaches in Gender History" on 17/07/2023.
iii. A special lecture was delivered by Dr. Nandita Banerjee, on the topic "Violence against women as been depicted in celluloid" on 18/07/2023.
iv. A special lecture was delivered by Dr. Nandita Banerjee, on the topic "Caste, Gender and Feminism" on 19/07/2023.
v. A special lecture was delivered by Dr. Nandita Banerjee, on the topic "Women in national movements and Different women organizations and the roles they had played" on 21/07/2023.
vi. A special lecture was delivered by Dr. Nandita Banerjee, on the topic "Discussion of Gender Studies" on 24/07/2023.
vii. A special lecture was delivered by Dr. Jennifer Bates, Arche-botanist, Seoul National University, South Korea, on the topic "Harappan Archaeobotany: Current Knowledge and Future Directions" on 03/08/2023.
viii. A special lecture was delivered by Mr. Jollu Rakesh, Arche-botanist, Seoul National University, South Korea, on the topic "Global Archaeology Careers with Free Education Opportunities" on 21/12/2023.
ix. A special drive for 'Plastic Free Campus'. This is part of the World Environmental Day celebration, on 22-05-2023.
x. A special lecture was delivered by Dr. Sudha Bajpai, UP Productivity Council, on the topic "Productivity Enging for Economic Growth" on 14/02/2024.
xi. On 9 May 2023, the occasion of birth anniversary of Gopal Krishna Gokhale and Ravindra Nath Tagore, department has organized Academic talk, delivered by Eminent scholars.

8. Details of Memorandum of Understanding Signed with National/Foreign Institutions, If any

i. Memorandum of Understanding Signed between South East Asia University, Bangkok and Department of History BBAU, 2023.

9. Co-curricular/Extra-curricular/sports Activity by the department:

i. Cultural programs organized by students on various occasions like Teachers Day, Welcome, Farewell celebration of environmental day, tree plantation etc.

10. Visitors of Department from inside the country (during 01.04.2023-31.03.2024)

i. Dr. Madhu Rajput department of western History, Lucknow University.

11. Visitors of Department from outside the country (during 01.04.2023 - 31.03.2024)

i. Jennifer Bates Assistant Professor, Department of Archaeology and art History Seoul Nation University South Korea, 2023.
ii. Rakesh Jollu, Department of Archaeology and art History Seoul Nation University South Korea, 2023.

12. Details of Books written / edited by faculty members

Dr. Anand Singh

i. Anand Singh (2024), ed. *Nalanda A Glorious Past*, Delhi: Primus Books.

13.* Paper Published during the year by the faculty members *(during01.04.2023-31.03.2024).

Prof. V. M. Ravi Kumar

i. Kaushliya Kumari and V.M. Ravi Kumar, Myth and Reality of Tharu Tribal Origin, North Asian International Research Journal of Social Science and Humanities, Vol. 10, Issue. I, January, 2024.
ii. Chavuri Satish Kumar and V.M. Ravi Kumar, Colonial Modernity and Tribes: A Study on Chenchus of Andhra 1880-1920, North Asian International Research Journal of Social Science and Humanities, Vol. 10, Issue, 2, 2024.

Prof. S. Victor Babu

i. Victor Babu Sargandla, *Acculturation in Pre-Modern Andhra: A Case Study of Kannappa Legend*, Hi-TECH RESEARCH ANALYSIS, ISSN 2231- 6671, Issue: XXVI, Vol. - IV Feb. 2023 to July 2023.
ii. Victor Babu Sargandla, *Appropriation of Tribal Religion: Narasimha (Man-Lion God) Myth in Pre-Modern Andhra*, Indo Asian Philosopher journal, ISSN 2348-5825 Issue : XXI, Vol. II April 2023 To Sept. 2023
iii. Victor Babu Sargandla, *Popular Perceptions of Religion in Pre-Modern Andhra, Interlink research analysis*, ISSN 0976-0377 Issue: XXVIII,Vol.II, July 2023 To Dec. 2023.
iv. Victor Babu Sargandla, *PopulrRelgious Festivals, Tirunals, Jataras and Vratas in Pre -Modern Andhra: A Historical Analysis*, Vision Research Review, ISSN 2250-169X Issue: XXV, Vol. II, June 2023 to Nov. 2023.

Dr. Anand Singh

i. 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).
ii. Anand Singh, 'Identification of Dakkhinagiri and Monastic Cave of Bhikkhu Purāṇa at Rājagīra: Archaeology Substantiating Buddhist Scriptures', *The Indian International Journal of Buddhist Studies*, 23, 2023, pp.23-49.

Dr. Sidharth Shankar Rai

i. Prerana Rai, Sidharth Shankar Rai. *The Vedictexts on sustainable development in ancient South Asia*. GeoJournal 89, 90 (2024). https://doi.org/10.1007/s10708-024-11092-9
ii. Prerana Rai, Sidharth Shankar Rai. *Some Studies on Guru Samhita: An Ancient Test on Weather Forecasting*, UP History Congress Proceeding, Ed. SNR Rizvi, A.K. Sinha, VBS Yadav, Advances in Historical Studies, Anamika Publishers and Distributers (P) Ltd. Delhi.

Dr. Renu Pandey

i. Renu Pandey "saatpaapoevamgyarahprigyayon ka Gandhi ka sidhdhant; samkalinprasangita" Bhartiya Shiksha Shodh Patrika vol. 42, No. 1 (iv) January to June 2023, UGC-CARE approved ISSN-0970-7603.

Dr. Sudarshan Chakradhari

i. 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. UGC-CARE approved 2023.

14. Participated/PaperPresentedinconferences/seminar/workshopinsidecountry

Dr. V.M. Ravi Kumar

i. V.M. Ravi Kumar, 'Peoples' Ecology: Ecological Contribution of Dr. B.R. Ambedkar', paper presentation in one day national seminar organised BBAU on Unrevealed Aspects of Ambedkar's Scientific Temperament and Reform in Nation Building, April, 2023.
ii. V.M. Ravi Kumar, Teaching Indic Knowledge: Swdeshi Movement and Education in India, 1905-1910, presented in two national seminar entitled, National Education Policy 2022, Sustainable Development Goals and Nation Building: Perspectives, Issues, Concerns, and Challenges, from November, 3-4, 2023.
iii. V.M. Ravi Kumar, From Songs Jungles to Labour of Jungles: Colonial Exploitation of Chenchus in the Nalammalla Hills of Madras Presidency, 1900-1930, paper presented in twoday national seminar entitled Revisiting the Indian Narratives on the Traditional Communities in the Hills and Forests, organised by Indira Gandhi National Centre for the Arts, from 21-22 November 2023.
iv. V.M. Ravi Kumar, 'Environmental History of Tribes in India: A Review of Historiography, presented paper in Haryana History Congress, 8th Session held from 25-26 November, 2023.
v. V.M. Ravi Kumar, Whose Woods? History of Forest Laws in South India, 1870-1920, paper presented in Annual Conference of Law and Economics held in BBAU Lucknow, 2023 October.

Prof. S. Victor Babu

i. Prof. S. Victor Babu, From Dynamics of Caste and Labour in Colonial United Provinces, 1922-1947, paper presented in Indian History Congress 27-30th December, 2023.
ii. Prof. S. Victor Babu, From Colonialism, Women and Lower Caste Education in United Provinces: Motives and Objectives, paper presented in Indian History Congress 27-30th December, 2023.

Prof. Shura Dharapri

i. Presented paper on the topic 'Sports and Empowerment of Women' in the 2nd International Conference on Research Methodology during 28th-30th October, 2023, jointly organized by Dr Shakuntala Misra National Rehabilitation University and Science Tech Institute, Lucknow.
ii. Presented paper on 'Cyber violence against Women and the Constitutional Safeguard' in the National Seminar on 'Inclusion of Women in Socio-Economic Culture and Political Life in Indian Society-A Step Forward for Benefit to all' organized by Department of Law, School of Legal Studies and Committee of Basic Facilities for Women, BBAU (Accredited Grade 'A++' by NAAC) on 8th March 2024.
iii. Chaired Session in the National Seminar on 'Inclusion of Women in Socio-Economic Culture and Political Life in Indian Society-A Step Forward for Benefit to all' organized by Department of Law, School of Legal Studies and Committee of Basic Facilities for Women, BBAU (Accredited Grade 'A++' by NAAC) on 8th March 2024.

Dr. Renu Pandey

i. **Presented** a Paper on "Un-gendering the language; The iconic vision of Hansa Mehta" in four days ICSSR Sponsored Hybrid National Conference cum Workshop on "Unsung War Heroes deported to Kalapani" at the Mount Manipur, Andaman Nicobar Island from 10th December to 14th December 2023.
ii. **Presented** a Paper on "Integration of Economic Growth and Sustainable Development; Gandhian Perspective, in Two-day National Seminar on National education policy 2020, Sustainable Development Goals and Nation Building; perspectives, issues, concerns & challenges, 3-4 November 2023 organised by Department of History, BBAU.
iii. **Presented** a Paper on "Economic Ideas of Mahatma Gandhi; a Contemporary Relevance", in 19th Annual conference Uttar Pradesh-Uttarakhand Economic Association, on 13th -15th April 2024, BBAU.

Dr. Sidharth Shankar Rai

i. Presented an invited paper in an International Conference History, Science and Technology of South Asian Ceramics, titled "Some Aspects of NBPW Manufacturing Technology" on January 5-9, 2025 at IIT Chennai.

Dr. Sudarshan Chakradhari

i. 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.
ii. Attended & presented a paper titled **"Growth and Development of Agriculture during Chalcolithic Period in Middle Ganga Plain" S. Chakradhari,** National Seminar Jointly Org. by CSJM University Kanpur and Akhila Bhartiya ItihasSankalan Yojana New Delhi held at CSJM University Kanpur U.P., From 02 to 03 December 2023.
iii. Attended &Presented a paper titled **"Role of Higher Education in driving Sustainable development and Nation Building With special reference to NEP: 2020" S. Chakradhari,** National seminar on National Education Policy 2020, Sustainable development Goals and Nation Building: Perspectives, Issues, Concerns and Challenges held at Department of Sociology, ASSS, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh From 03 to 04 November 2023.
iv. Attended & presented a paper titled **"Inclusive Education and Social Equality With special reference to NEP: 2020" S. Chakradhari,** National seminar on National Education Policy

2020, Sustainable development Goals and Nation Building: Perspectives, Issues, Concerns and Challenges held at Department of Sociology, ASSS, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh From 03 to 04 November 2023.

15. DetailsofMOOC/online courses developed by the faculty ;

Dr. Renu Pandey

i. **In April 2023, Developed 3-credit online course** under the SWAYAM project on "The Moral and Social Philosophy of Mahatma Gandhi". Contributed on the topic "***Interpretation by Gandhi of seven sins in a social context***".

16. Details of invited lectures inside country

Dr. Ananad Singh

i. Invited Lecture as a resource person for PhD coursework organized by the Department of History, VSSD College, CSJM University, Kanpur on 29 February 2024.
ii. Invited Lecture as a resource person for PhD coursework organized by the Department of History, VSSD College, CSJM University, Kanpur on 18 March 2024.
iii. Invited Lecture as a resource person for PhD coursework organized by the Department of History, VSSD College, CSJM University, Kanpur on 19 March 2024.

Dr. Renu Pandey

i. Delivered Special Lecture on "women empowerment" in U.P. Water & Land Management Institute, Lucknow in the year 2023
ii. Delivered Special Lecture on "Programs and policies of Government and non-government organization for vulnerable groups" organised by MPDC, BBAU on 06th January 2024.

Dr. Sudarshan Chakradhari

i. Invited Lecture as a resource person for PhD coursework organized by the Department of History, VSSD College, CSJM University, Kanpur on 04 March 2024.
ii. Invited Lecture as a resource person for PhD coursework organized by the Department of History, VSSD College, CSJM University, Kanpur on 05 March 2024.
iii. Deliver the lecture as a Resource Person in a Training Programme on the"Preparation for Civil Sevices" in Khunkhun ji Girls PG College Chowk, Lucknow on 4th March 2024.
iv. Participated as an Academic Judge in the Zonal Level Organization of Kendriya Vidyalaya in Kendriya Vidyalaya AMC, Lucknow in the Display of Artifacts/Projects competition.

17. Detail of Research Project (Major/ Minor)

Dr. Ananad Singh

i. 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. Sudarshan Chakradhari

i. Minor Project is running, Project tittle: "Indus-Saraswati Civilization and Ganga Plain: Understanding the Connection and Legacy" funded by ICHR, New Delhi (Amount Rs. 4.5 Lakhs only) 2024.

18. Students achievements

Accomplishment of the student

Number of students completed their Masters	M.A.	27
Students elected on other jobs/banking/school	Govt.job	01
	Teaching in Higher Education	Nil
	Teaching	Nil
Number of student awarded SLET/NET/JRF/ any other fellowship	01(UGC JRF)05 (UGC-NET)	

Ph.D degree Awarded during the year				
Sl. No.	**Students Name**	**Supervisor**	**Title**	**Fellowship availed/ availing**
i.	Toolika Rani	Prof. S. Victor Babu	SOCIO-ECONOMIC AND CULTURAL LIFE OF SHERPAS IN SOLUKHUMBU: HISTORY AND EVOLUTION (1920-2020)	Non-Netfellowship

Faculty wise supervision of the Research Scholars pursuing Ph.D degree.

	Ph.D degree Awarded during the year			
Sl. No.	**Supervisor**	**Supervisor**	**Title**	**Fellowshipavailed/ availing**
i.	Kaushalya Kumari	Prof. V.M. Ravi Kumar	Ethno- History of Tharu Community: A Study of Morden Champaran (Bihar)	UGC NFST
ii.	Sathish Kumar Chevuri	Prof. V.M. Ravi Kumar	Colonial Modernity and Tribes: A Study of the Chenchu Tribe in Andhra Region (1880-1947)	UGC NFST
iii.	Basant Kumar kanaujiya	Prof. V.M. Ravi Kumar	Hindu Cultural Revival Movement and Dalits: A Study of Colonial and Post-Colonial Uttar Pradesh (1880-1980)	UGC JRF
iv.	Nay Mein Da	Prof. V.M. Ravi Kumar	"EcologyandBuddhism: A study of The ravada Buddhist perspective"	Non-Netfellowship
v.	Indasiha	Prof. V.M. Ravi Kumar	Evaluation of Theravada Buddhism in Myanmar: 3 C.E. to 11th Century C.E.	Non-Netfellowship
vi.	Meenakshi	Prof. V.M. Ravi Kumar	Caste and Medicine in Colonial and Post-Colonial United Province (1900-2000)	UGC JRF
vii.	PriyankaMishra	Prof. V.M. Ravi Kumar	Indic Environmentalism: An Analysis of Hindu Cultural Organisation (1900-2000)	UGC JRF
viii.	Shivangi Maindola	Prof. V.M. Ravi Kumar	Imperial environmentalism: A historical Trajectory of forest research institute, 1906-1947	Non-Netfellowship
ix.	Mukesh Chandra	Prof. S. Victor Babu	Ambedkar and Kanshi Ram"Acomparativestudy of ideologies	UGC JRF
x.	Satyamev Bharteey	Prof. S. Victor Babu	Cultural Ecology: A Historical Study of Banaras from 1500 BC to 700 A.D	UGC NFSC
xi.	Mercy	Prof. S. Victor Babu	Ethno-Medicine of the Angami Nagas in Colonial Nagaland	Non-Netfellowship
xii.	Poonam	Prof. S. Victor Babu	Arya Samaj in United Provinces: Women's Education 1860-1947	UGC NFOBC

xiii.	Nishant Raj	Prof. S. Victor Babu	Energy and Development in Post-Independent India (1947-1998): With Special Reference to Electric Power	UGC JRF
xiv.	KVivikali Hesso	Prof. S. Victor Babu	FROMHEAD-HUNTERSTOIMPERIALSUBJECTS: NAGA HILLS, 1880-1947	UGC JRF
xv.	Janeyya	Prof. S. Victor Babu	AHISTORICALSTUDYOFMONASTICEDUCATION DURING THE KONGBOUNG KINGDOM, 1819-1885 A.D	Non-Netfellowship
xvi.	Ranjeet Kumar	Prof. Shura Darapuri	आज़ादी के बाद उत्तर प्रदेश में दलित आन्दोलन) :1947-2011)	Non-Netfellowship
xvii.	Wasfi Fatima	Prof. Shura Darapuri	"उत्तर प्रदेश के बौद्ध स्मारकों का अध्ययन)तथागतके चारिका से संबंधित"(	UGC JRF
xviii.	Anubha Chaturvedi	Prof. Shura Darapuri	कन्नौज के इत्र का ऐतिहासिक दृष्टिकोण- 1947 से 1990 तक	UGC JRF
xix.	Savindra Kumar	Prof. Shura Darapuri	THICHNHATHAHN:THEZENMASTERHISLIFE AND WORKS	UGC NFSC
xx.	Rahul Kumar Bharti	Prof. Shura Darapuri	Origin of Modern Environmentalism: A Historical Trajectory of Forest Research Institute 1906-1960	UGC JRF
xxi.	Rajiv Kumar Pandey	Dr. Sidharth Shankar Rai	भूमंडली करण और कुशी नगर ज़िले के युवा रुझान में परिवर्तन 1991 ईसवी सन से 2016 ईसवी सन तक	Non-Netfellowship
xxii.	Prerana Rai	Dr. Sidharth Shankar Rai	Weather Forecasting in Ancient Indiaearly to 6thcenturyAD	UGC JRF
xxiii.	Sheetal Kumari	Dr. Sidharth Shankar Rai	Status of Nuns in Buddhist Monasteries in Ancient India (6th BCE-3 rd CE)	UGC JRF
xxiv.	Shripriya Pandey	Dr. Sidharth Shankar Rai	Trade Networks and Socio-Religious Life in North Central India (Circa 600-1200 AD)	UGC JRF

19. Google profile of the faculty members, if available

i. Prof. V.M. Ravi Kumar

	All	Since2018
Citations	67	46
h-index	4	3
i10-index	3	2

ii. Prof. S. Victor Babu

	All	Since2018
Citations	9	2
h-index	1	1
i10-index	0	0

iii. Prof. Shura Darapuri

	All	Since2018
Citations	3	0
h-index	1	0
i10-index	0	0

iv. Dr. Sidharth Shankar Rai

	All	Since2018
Citations	33	24
h-index	3	2
i10-index	1	1

v. Dr. Renu Pandey

	All	Since2018
Citations	24	23
h-index	3	3
i10-index	1	1

Centre For The Study Of Social Inclusion (Cssi)

As per UGC guidelines, the Centre for the Study of Social Exclusion & Inclusive Policy which is recently proposed as Department of Social Exclusion and Inclusive studies has been established in Babasaheb Bhimrao Ambedkar University on February 2008. It is engaged in exploring the conceptual/ theoretical contours of social exclusion, historical and contemporary facets of social exclusion/discrimination, nature of exclusion of deprived sections of the Indian society and their contributions to society, the theme of inclusive policies etc, through its interdisciplinary efforts. The founding of the Centre was a reflection of the felt need for intervention in the education system in general and higher education in particular. The Department has four pronged activities: teaching research, action and extension activities. It is trying to highlight the importance of inclusive and emancipatory development perspective in the pursuit of knowledge as well as in defining policy and planning. The Centre is located on the third floor of the School for Ambedkar Studies (SAS). It has adequate space, standard furniture and equipments with other basic facilities.

1. Brief History

i. The UGC office had intimated to Vice Chancellor of BBAU vide letter no.F.1-12/2006 dated 30 October 2006 regarding approval of a new scheme for the establishment of Centers in Universities for Study of Social Exclusion and Inclusive Policy. In this letter the UGC office requested to universities to submit their proposal for the establishment of above center latest by 15 November 2006.

ii. The UGC conveyed the approval of the aforesaid scheme vide letter NoF.3-11/2007(SCT) dated 23 February 2007 to implement the abovementioned project as per approved item of assistance given in the guidelines of the scheme during 2006-07 and 2007-08.

iii. In 2007 the University had received a sum of Rs 40 lakhs as a first installment for first year expenditure (for both Recurring and Non-recurring head)UGC had also sanctioned 15 positions including Professor, Reader, Lecturer and Research and Secretarial staff for recruitment

2. CourseOffered:

Choice Based Credit system for Masters level (Master Level):

i. CBCS Programmes: Continuing….

- Social Exclusion and Inclusive Development,
- Public policy, Governance & Development
- Diversity, Equity & Inclusion

ii. **Ph.D** Programme: started from academic session 2023-2024. **Course work completed**

The following papers designed by faculty members and passed by BPGS are offered:

CSSPH- C 1	**Research Methodology**
CSSPH- C 2	**Research and Publication Ethics**
CSSPH- E 1	**Understanding of Social Exclusion and Inclusive Policy: theoretical and Conceptual Framework**
CSSPH - E 2	**Inclusive School Education for Socially Disadvantaged Groups (SDGs)**
CSSPH - E 3	**Subaltern Politics in India**

iii. Teaching other Assignments other than Centre

Examination & Evaluation

- Community Exposure visits/ Participations (Assignments and presentation) by the students of all the semester as part of the course
- Semester Examination & Invigilation by faculty

- Evaluation of MPDC transcripts by faculty

iv. **Research Supervision**
As Co-supervisor guided Ph. D student on

- **Title of Thesis**: A Study of Psychological Problems of B.Ed students generated through Social Media (**Degree Awarded)Dr. P. Mohanty**
- **Title of Thesis:** Study about the Emotional Maturity among Senior Secondary School Students in relation to their Self Esteem, Home Environment and Mental Health (**Degree Awarded)Dr. P. Mohanty**
- **Title of Thesis:** ToStudy About the Emotional Intelligence, Academic Anxiety of High School Students in Relation to certain Demographic Variables(**Degree Awarded)Dr. P. Mohanty**
- As Co-supervisor guided Ph. D student on Education in Department of Education, NIMS University **Dr.Prasamita Mohanty (Awarded)**
- As Co-supervisor guided Ph. D student on **Gender Justice in Muslim Personal Law with special reference to Divorce,**in Department of Law, School for Legal Studies, BBAU, Lucknow . **Dr. Sangeeta Krishna (Awarded)**

3. Facilitiesavailableinthedepartment

i. CBCS Course
ii. Ph.D in Education
iii. Ph.D in Political Science

4. DetailsofFaculty:

i. Dr. Prasamita Mohanty, Associate Professor- cum -Deputy Director
ii. Dr. Rudra Prasad Sahoo, Assistant Professor- cum -Assistant Director
iii. Dr. Sangeeta Krishna, Assistant Professor- cum- Assistant Director

5. Details of Seminar/Conferenceorganized by the department:

i. Presented a paper on **NEP2020, Nation Building and a strive to transform India as Vishwa Guru** in a Two day National Seminar on 'National Education Policy2020, Sustainable Development Goals And Nation Building; Perspectives, Issues, Concerns &Challenges' organized by Department of Sociology, Ambedkar School of Social Science, Babasaheb Bhimrao Ambedkar University, Lucknow on November3-4th, 2023.**Dr.R.P Sahoo**

ii. Presented a paper on India's Foreign Policy during Atal Bihari Bajpayee in 106th Annual **International Conference** on the Occasion of the Golden Jubilee Year of GIDS on " Development Perspectives in India: Issues and Challenges, organized by GIDS in Collaboration with Indian Economic Association on December27-29,2023 **Dr.R.P Sahoo**

iii. Presented Paper on 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 Babasahb Bhimrao Ambedkar University, Lucknow held on March 8, 2024. **Dr. Sangeeta Krishna**

iv. Presented paper NEP 2020 & Sustainable Development Goals (SDGs): Establishing Interface Between Research & Policy in National seminar on National Education Policy 2020, Sustainable Development Goals and Nation Building: Perspectives, Issues, Concerns & Challenges, organised by Department of Sociology, Babasahb Bhimrao Ambedkar University, Lucknow, held on November 3-4, 2023. **Dr. Sangeeta Krishna**

6. Other departmental level Academic Activities:

i. Co-Chaired session on Techincal Sessionin 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 Babasahb Bhimrao Ambedkar University, Lucknow held on March 8, 2024. **Dr. Sangeeta Krishna**

ii. Lecture on Dr. B. R. Ambedkar: Crusader Against Caste and Untouchability in **MPDC 405:**Ambedkar Studies classes on March 17, 2023. **Dr. Sangeeta Krishna**

Special Lectures Organized

- Special Lecture on "Paradox of Development by Prof. Biswajit Ghosh, Deptt. of Sociology, The University of Burdwan, West Bengal
- Special Lecture on Inclusion of small rivers for large river rejuvenation by Prof. Venkatesh Dutta ,Deptt. of Environmental Science, BBAU, Lucknow.

7. Visitors of Department from inside the country(during01.04.2023-31.03.2024)

i. Prof. T.P. Singh, Coordinator, CSSEIP, BHU, Varanasi
ii. Prof. Sanjay Singh, R.M.L. National Law University, Lucknow
iii. Prof. Y. Chinna Rao, Director, CSSEIP, JNU, New Delhi

8. Visitors of Department from outside the country(during01.04.2023-31.03.2024):

Prof. V.M. Ravi Kumar (Head, Deptt. Of History)

9. Details of Book Chapter in edited volume/conference volume:

Chapters in Edited Books: 05

i. NEP 2020:A Symbiotic Mantra of Indian Tradition, Ethos and Modernity in Outcome-Base Education in NEP 2020 : Step Towards Integrating the Ancient and the Modern edited by Dr B. K. Tyagi etal, Pustak Bharati, Canada, Toranto. 2023. ISBN: 978-1-989416-92-1. **Dr. Sangeeta Krishna**

ii. Transcending Disciplinary Boundaries & Exploring Multidisciplinary Research in Social Sciences with focus on the Discipline of History in Multidisciplinary Research Approaches in Social Science, Vol. II edited by Raghubar Prasad Singh, Risma Publishers, Darbhanga, 2023, ISBN 978-81-962340-3-4. **Dr. Sangeeta Krishna**

iii. Resonance of Ambedkar's Philosophy Among Dalits At The Grassroots in Dr. Ambedkar's Vision on the Indian Constitution: Comprehension, Significance and Relevance edited by Dr. Rashida Ather & Dr Lohans Kumar Kalyani, Rachnakar Publishing House, Delhi, 2023. ISBN 978-93-91-791-55-1.**Dr. Sangeeta Krishna**

10. Paper published during the year by the faculty members (during 01-04-2023 to 31-03-2024)

Research Papers in Journals: 0 5

- Should Students' attendance be the part of Continuous Internal Assessment in Higher Education Institute? **University News,Vol.62,No.4,Jan22-28,2024. Dr.P.Mohanty**
- India's Foreign Policy during Prime Minister Atal Bihari Bajpayee, ***British journal of Multi Disciplinary and Advanced Studies,***vol.5, No.1, 2024, pp.170-186. **Dr.R.P Sahoo**
- Contours of Indian Democracy from the point of view of political participation and civil Literacy: a critical reflection, **Social Action: A Quarterly Journal of Social Trends,** Vol.74, No.1, January-March 2024. **Dr. R. P Sahoo**
- 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) **UGC -CARE Dr. Sangeeta Krishna**

  Breaking Silence With *Me Too* Campaign Against Sexual Harassment Of Women At Work: A New Visibility To Women Voice On Media *Alochana JournalVolume 13 Issue 1 2024,* pp 100-114.ISSN NO:2231-6329,DOI:20.14118.AJ.2024.V13I1.2168 **UGC- CARE Dr. Sangeeta Krishna**

11. Documentation (ongoing)

Dossier on the following themes

i. Affirmative Action
ii. Social Movement
iii. Minorities
iv. Ambedkar
v. Dalit Issues
vi. Gender Violence

School of Earth & 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. 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

Initially the course of B.Sc.(Hons.)-M.Sc. Geology was started under the aegis of School of Environmental Science in the year 2015. In the year 2020 the course was upgraded to Department of Geology in the School of Earth and Environment Science.

The Department offers two major academic programmes providing impetus to the study of geology in the Northern Region of India. The Department offers full time B.Sc. (Hons.) Geology and M.Sc. Geology degree with the duration of 3 years and 2 years respectively. The Department is offering the courses with the team of experienced, well qualified interdisciplinary and highly motivated faculty.

The Department is emerging as a leading institution in the field of Geology showing its paramount aspirations to explore and excite all the individuals to pursue all the aspects and approaches of advanced mineralogy, petrology, geodynamics, geochemistry, palaeontology & oceanography, metamorphism & orogens, groundwater geology, applied stratigraphy, natural hazard and disaster management. Equal emphasis is laid on practical training and field based skills and laboratory studies. The Department is well equipped with spacious classrooms, advanced laboratory, computer labs and departmental library.

Besides the departmental infrastructure, students and faculty have access to various facilities of other departments and centres. The department is perpetually advancing to create a quality atmosphere in pragmatics as well as aesthetics in geology.

Objectives of the Department

- To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.
- To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of geology.
- To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking geology with biological, chemical and physical sciences.
- To strengthen field Geology as is the capstone course for the Geology program which requires knowledge gained in Geomorphology, Petrology, Sedimentology and Stratigraphy, Structural Geology and GIS verified by field study.
- To make teaching in geology theoretically rich along with regular field trips.
- To motivate and inform students about the opportunities and future prospects in the field.
- To develop the overall personality of students and prepare them to compete and success in their endeavors.
- To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

Future Plans of the Department:

- Recruitment of permanent faculty.
- ✓ Establishment of Laboratories, Petrological, Remote Sensing.
- ✓ Introducing Ph.D. Programme
- ✓ To introduce certificate course in geology:
  - ✓ International collaboration with prestigious institutions
  - ✓ To strengthen departmental library

1. Course Offered:

- B.Sc. (Hons) Geology
- M.Sc. Geology

2. Facilities available in the Department

One (01) Laboratory
Four (04) Lecture Rooms
One (01) Departmental Library

3. Other departmental level Academic Activities:

Earth Day

World Earth Day was celebrated at Babasaheb Bhimrao Ambedkar University, Lucknow, as two day event on 21 and 22 April 2023. Various events were organised to create awareness among regarding importance of conservation of our natural resources with the theme "Invest in Our Planet" students from different departments of the University as well as schools.

Faculty details:-

Permanent Faculty -01 (Head of Department)
Prof. Narendra Kumar
Professor
M.Sc. Ph.D. (Environmental Science)
Environmental Toxicology and Phytoremediation, Environmental Impact Assessment and Management, Ground Water Pollution

Resource Person: 10

i. **Dr. (Mrs.) Vertika Shukla**
   Specialization: Chemistry, Environmental Geology, Spectroscopy, Climate Change, Air pollution
   Qualification: M.Sc., Ph.D.
ii. **Dr. Priyanka Singh**
   Specialization: Environmental Geochemistry
   Qualification: M.Sc., Ph.D.
iii. **Dr. Anis**
   Specialization: Sedimentology, Petroleum Geology, Mineralogy
   Qualification: M.Sc., Ph.D.
iv. **Dr. Sanjeev Kumar**
   Specialization: Remote Sensing- GIS, Environmental Geology
   Qualification: M.Sc., Ph.D
v. **Dr. Dhananjay Kumar**
   Specialization: Environmental Pollution, and bioremediation
   Qualification: M.Sc., Ph.D.
vi. **Dr. Abhishek Kumar**
   Specialization: Biophysics
   Qualification: M.Sc., Ph.D.
vii. **Dr. Pooja Tiwari**
   Specialization: Palaeontology, Sedimentology, Remote Sensing, Isotopic Geochemistry, Quaternary Geology, Climate Change
   Qualification: M.Sc., Ph.D.

viii. **Dr. Abhishek Kumar Madhesiya**
Specialization: Mineralogy and mineral geochemistry, Igneous Petrology and Geochemistry, Art-of-Petrography and Microstructures, Thin-section preparation from rock and sediments.
Qualification: M.Sc., CSIR-NET, CSIR-UGC-JRF, Ph.D.

ix. **Mr. Ravindra Kumar**
Specialization: Structural Geology, Geological Mapping, Stratigraphy, Ground Water Geology
Qualification: M.Sc. CSIR-NET, GATE

x. **Mr. Sonu Kumar**
Specialization: Rivers Sciences, Hydrogeology and Isotopic Geochemistry
Qualification: M.Sc. CSIR-NET

Editor/ Reviewer

Dr. Vertika Shukla,

- Chief Editor: Cryptogam Biodiversity and Assessment (Official Publication of Indian Lichenological Society) ISSN: 2456-0251
- Reviewer:
- Environmental Pollution (Elsevier Publication)
- Ecotoxicology and Environmental Safety (Elsevier Publication)
- Science of the Total Environment (Elsevier Publication)
- International Journal of Environment Science Technology (Springer Publication)
- Environmental Science and Pollution Research (Springer Publication)
- Phytochemistry Reviews (Springer Publication)
- Journal of Ayurveda and Integrative Medicine (Elsevier Publication)

Dr. Sanjeev Kumar
Reviewer:

- Environmental Sustainability
- International Journal of Plant and Environment
- Environmental Science and Pollution Research (Springer Publication**)**

4. Details of Book written/edited by faculty members:

Dr. Vertika Shukla

i. Vertika Shukla and Narendra Kumar (Editors) (2020) Environmental Concerns and Sustainable Development Volume 1: Air, Water and Energy Resources. Springer Nature, Germany. ISBN 978-981-13-5888-3
ii. Vertika Shukla and Narendra Kumar (Editors) (2020) Environmental Concerns and Sustainable Development Volume 2: Biodiversity, Soil and Waste Management. Springer Nature, Germany. ISBN 978-981-13-6357-3.

Dr. Sanjeev Kumar

i. Kumar S., Bauddh K., Singh R., Kumar N., Kumar R (2023) 'Aquatic macrophytes: Ecology, Functions and Services', Springer Nature Singapore Pvt. Ltd., Singapore (ISBN: 9789819938216)

1. Details of Book Chapter in edited volume:

Dr. Sanjeev Kumar

i. Kumar D, Sharma U, Singh V, Yadav AK, Anita, Kumar S, Kumar N (2023). Efficiency of Aquatic Plants for Remediation of Wastewater. In Aquatic Macrophytes: Ecology, Functions and Services (Kumar S, Bauddh K, Singh R, Kumar N, Kumar R). Springer Nature, 159-174 (ISBN 978-981-99-3822-3)
ii. Kumar S, Singh R, Kumar D, Bauddh K, Kumar N, Kumar R (2023). An Introduction to the Functions and Ecosystem Services Associated with Aquatic Macrophytes. In Aquatic Macrophytes: Ecology, Functions and Services (Kumar S, Bauddh K, Singh R, Kumar N, Kumar

R). Springer Nature, 1-10 (ISBN 978-981-99-3822-3)

iii. Sharma U, Kumar D, Kumar S, Dutta V, Kumar N (2023) Restoration and rejuvenation of Rivers, streams and wetlands: Challenges and way forward. In Ecosystem and restoration: towards sustainability and Resilent development (Gupta AK, Goyal MK, Singh SP), Springer, 105-114 (ISBN 978-981-99-3687-8).

iv. Siddique AJ, Singh R, Jahan S, Ashraf SA, Badraoui R, Bardakci F, Kumar S (2023) Nanoformulation and Herbal Drug Development. In Ethnobotany and Ethnophrmacology of medicinal and aromatic plants. (Adnan M et al.), CRC press, pp 22 (ISBN 9780128234433).

Dr. Dhananjay Kumar

- Purswani, E, Pathak B, Kumar D, Verma S 2020. Land-use change as a disturbance regime. In Shukla V and Kumar N (eds) Environmental Concerns and Sustainable development. Springer Nature

2. Paper published during the year by the faculty members (during 01-04-23 to 31-03-2024)

Dr. Vertika Shukla

i. Bajpai, R., Shukla, V., Upreti D.K. 2024 Investigation of factors controlling temporal trend of lichen diversity in arid region of India. Proceedings of National Academy of Science, India Section B Biological Science (I.F. 0.96) (online published)

ii. Yadav A, Kumar D, Shukla V, Kumar S, Kumar N (2023) Hydrochemical investigation of groundwater quality for drinking and irrigational purposes from industrial belt of Jharkhand, India. *Environmental Quality Management*,https://doi.org/10.1002/tqem.22123 (ISSN: 1520-6483; IF-1.5)

iii. Singh RP, Shukla V, Kumar S, Soni, DK, Kumar N (2023). Assessing surface and ground water quality, For irrigation and drinking purpose, along the course of assi river, Varansi, UP. *National Journal of life sciences*, 19(1&2). (ISSN:2321-7960)

Dr. Sanjeev Kumar

i. Swain AA, Sharma P, Keswani C, Minkina T, Tukkraja P, Gadhamshetty V, Kumar S, Bauddh K, Kumar N, Shukla S, Kumar M, Dubey RS, Wong MH (2024) The efficient applications of native flora for phytorestoration of mine tailings: a pan-global survey. *Environmental Science and Pollution Research*, https://doi.org/10.1007/s11356-024-33054-x (ISSN No. 1614-7499; IF- 5.8).

ii. Yadav A, Kumar D, Shukla V, Kumar S, Kumar N (2023) Hydrochemical investigation of groundwater quality for drinking and irrigational purposes from industrial belt of Jharkhand, India. *Environmental Quality Management*,https://doi.org/10.1002/tqem.22123 (ISSN: 1520-6483; IF-1.5)

iii. Sharma A, Kumar S, Singh R (2023) Formulation of Zinc oxide/Gum acacia nanocomposite as a novel slow-release fertilizer for enhancing Zn uptake and growth performance of *Spinacia oleracea* L. *Plant Physiology and Biochemistry* 201, 107884 *https://doi.org/10.1016/j.plaphy.2023.107884*(ISSN: 0981-9428; IF-6.5)

iv. Siddiqui AJ, Kumari N, Adnan M, Kumar S, Abdelgadir A, Saxena J, Badraoui R, Snoussi M, Khare P, Singh R (2023) Impregnation of Modified Magnetic Nanoparticles on Low-Cost Agro-Waste-Derived Biochar for Enhanced Removal of Pharmaceutically Active Compounds: Performance Evaluation and Optimization Using Response Surface Methodology. *Water* 15, 1688 https://doi.org/10.3390/w15091688. (ISSN: 2073-4441; IF-3.4)

v. Singh RP, Shukla V, Kumar S, Soni, DK, Kumar N (2023). Assessing surface and ground water quality, For irrigation and drinking purpose, along the course of assi river, Varansi, UP. *National Journal of life sciences*, 19(1&2). (ISSN:2321-7960)

Dr. Abhishek Kumar

i. K. Srivastava, A. Kumar, H. Srivastava, S. Pandey, G. Brahmachari, N. Kumar, N. Misra (2023) Molecular Dynamics and Quantum Chemical Studies on Piperine, a Naturally Occurring Alkaloid, Polycyclic Aromatic Compounds.

ii. V. A. Adole, A. Kumar, N. Misra, R. shinde, B. S. jagdale (2024) Synthesis, Computational, Antimicrobial, Antioxidant, and ADME Study of 2-(3,4-Dimethoxyphenyl)-4*H*-Chromen-4-

One, Polycyclic Aromatic Compounds.

iii. H.S. Deshmukh, V. A. Adole, A. Kumar, N. Misra, R. shinde, B. S. jagdale (2024) Synthesis, spectroscopic (IR and NMR), HOMO-LUMO, NLO, molecular docking and ADME study of (*E*)-2-(2-((5-chloro-3-methyl-1-phenyl-1*H*-pyrazol-4-yl) methylene) hydrazineyl)-4-(4-nitrophenyl) thiazole, Journal of Molecular Structure.

Dr. Abhishek Kumar Madhesiya

i. Madhesiya, A.K., (2024). A report on "Xth Hutton Symposium" held at Baveno, Italy during 10-15 September, 2023. *Current Science* 126 (5), 529-530.

3. Attended/Participated in conference/seminar / workshop outside country:

Dr. Abhishek Kumar Madhesiya

i. Hutton Symposium (10-15 September 2023, held at Baveno, Italy; attended in-person)
ii. SIMS-NanoSIMS workshop virtually on 6-8 July 2023 held at the University of Lausanne, Lausanne (online).
iii. Petrogenetic modelling on whole-rock geochemical data from felsic igneous rocks: current state and future workshop virtually on 9 July held in Goldschmidt2023.
iv. Goldschmidt 2023 (9-14 July 2023; attended Online**).**

4. Details of invited lecture inside the country:

Dr. Vertika Shukla

i. Panel discussion on Plant taxonomy and biodiversity: Cross sectoral linkage and impact on conservation and sustainable development" organised by CSIR-NBRI on 16 August 2023 under One Week One Lab Celebrations. 14-19 August 2023.
ii. "Utilization of lichens for air pollution and climate change studies". In: Lichens in an Ecosystem – Workshop for faculties, organized by CSIR- National Botanical Research Institute, Lucknow 6-7 February 2023

5. Details of National Award/fellowship:

i. Dr. Vertika Shukla, Elected as Fellow of Society of International Society of Environmental Botanist on 5 June 2024.
ii. Dr. Sanjeev Kumar, Awarded 'Research and Academic Excellence Award- 2024, by Babasaheb Bhimrao Ambedkar University, Lucknow, 26 January 2024

6. Details of International Award/fellowship:

Dr. Abhishek Kumar Madhesiya

i. International Travel Grant from Scientific and Engineering Research Board (SERB), New Delhi (August 2023).
ii. International Travel Grant from Foundation "Volcanic Institute Immanuel Friedländer" Italy (May 2023).

7. Details of patents filled/awarded

Dr. Vertika Shukla, Dr. Sanjeev Kumar and Dr. Dhananjay Kumar

A Patent titled "A Process for preparing Bio-Geo-adsorbent for Fluoride removal from Drinking water, by Kumar N., Yadav, A.K., Shukla, V., Mishra, S., Anita, Kumar, D., Kumar, S., Singh, R., Pandey, S., Singh, M. (2023) has been granted by The Patent Office, Government of India under Patent Number 444346.

8. Students achievements:

- **Faculty wise supervision of the the Ph.D. Student/Dissertation and thesis submission/Degree awarded**

M.Sc. Dissertation Completed

Name of Faculty	**No. of students**
Dr. Vertika Shukla	**03**

Dr. Sanjeev Kumar	**03**
Dr. Priyanka	**03**
Dr. Anis	**03**
Dr. Pooja Tiwari	**02**
Dr. Abhishek Kumar Madhesiya	**03**
Mr. Ravindra Kumar	**03**
Mr. Sonu Kumar	**02**

- **Number of student selected on other government job/banking/school teaching etc…**

Sr. No.	Name of students	Institute Name
1		

- **Number of student awarded SLET/NET/JRF/any other Fellowship**

Miss Ananya Srivastava, CSIR-NET, LS

9. Google profile of the faculty members:

Dr. Vertika Shukla, Resource Person

Citations	**1334**	**713**
h-index	**19**	**13**
i10-index	**29**	**20**

Dr. Sanjeev Kumar, Resource Person

	All	**Since 2019**
Citations	**1095**	**900**
h-index	**18**	**18**
i10-index	**29**	**26**

Dr. Dhnanjay Kumar, Resource Person

	All	**Since 2016**
Citations	**86**	**83**
h-index	**6**	**6**
i10-index	**3**	**3**

Dr. Pooja Tiwari, Resource Person

	All	**Since 2019**

Citations	**36**	**36**
h-index	**3**	**3**
i10-index	**1**	**1**

Dr. Abhishek Kumar Madhesiya, Resource Person

	All	**Since 2019**
Citations	**28**	**28**
h-index	**2**	**2**
i10-index	**2**	**2**

Department of Environmental Microbiology

Department of Environmental Microbiology was initially sanctioned as an Innovative Project under the School for Environmental Sciences from the session 2007-2008. It was sanctioned as an independent department by UGC in the year 2010. The Department at present offers M.Sc. and Ph.D. programmes in Environmental Microbiology. Apart from this, there are two PG courses under Innovative and Contemporary Programme running in the Department viz. M.Sc. in Industrial Microbiology & M.Sc. in Food Microbiology and Toxicology that take care of the applied aspects of Microbiology and are industry and job oriented. At present, there are two Professors, one Associate Professor, and seven Assistant Professors (two on lien) in the department with diverse fields of specialization namely Microbial Ecology, Bioremediation and Metagenomics, Rhizosphere Biology/Microbiology, Stress Physiology and General Microbiology. The department is renovating existing M.Sc. Laboratory and is in the process of developing state of the art research laboratories.

Sustainability of environment is important for the survival of the living creatures on the planet. Increasing population and industrialization has further aggravated the pressure on the natural resources and microorganisms can provide answer to several of these problems and maintain ecological balance. Besides this, microorganisms play a pivotal role in many industrial processes including food industry. Owing to the importance of microorganisms in diverse fields and for the maintenance of ecological balance, focus of the Department is to combat the diverse problems of the environment such as soil and water pollution and their remediation using microbial resources and their application in various industries and in food processing industry.

The major emphasis of research in the Department is microbes for biodegradation of industrial wastes and ecorestoration of polluted site for sustainable development of nation with special emphasis on distillery and pulp paper industry has been done. In addition, the curriculum activity of department is committed to support the human health and development of neutraceutical foods and other microbial based food products at industrial scale for food security. The Department has research grants from various National funding agencies like DST, DBT and UGC. Department was included in FIST Programme of Department of Science and Technology, Government of India, New Delhi at Level 1 and a grant of Rs. 28 lakhs was sanctioned under the scheme. In future, the Department vows to create excellence depe3nding upon the financial support availability in the field of bioremediation, sustainable use of natural resources which is one of the proposed road map goal of department which will become self-sustaining in the near future. Students in the Department are trained for all the modern techniques in Microbiology and Biotechnology. Regular seminars and interaction meetings as per UGC guidelines are organized in the department. The students of final semester also have to carry out dissertation work in which they get to know about how to pursue minor research projects.

Mission and Mandate

The focus of the Department is to combat the diverse problems of the environment as microbes can provide sustainable solutions to several of them. Mandate of the Department is:

- Development of Centre for Excellence to apply microbes for sustaining the environment by utilizing green and low input technology
- Establishment of a nodal national center for Microbial Diversity and Bioremediation
- Provide solutions to industries in relation to environmental problems and remediation of ecosystems
- Develop trained and skilled manpower according to the needs of industry and society
- Development of sustainable techniques and approaches in the field of environmental and agriculture microbiology for a better and sustainable future.

Infrastructural Facilities

- To achieve these mandate, following laboratories have been established in the Department by the faculty members and will be strengthened further depending upon funds availability:
- Rhizosphere Biology Laboratory
- Bioremediation and Metagenomics Laboratory-I

- Bioremediation and Metagenomics Laboratory-II
- Microbial biodegradation and bioremediation Laboratory
- Applied Microbiology Laboratory
- Laboratory of Molecular Microbiology

Major and Minor Equipment's

- UV-VIS Spectrophotometer (02)
- Rotatory shaker (01)
- Weighing Balance (02)
- PCR (1)
- pH Meter (01)
- Centrifuge (02)
- Laminar Flow (03)
- Overhead projector (01)
- Rotatory shaker (01)
- Oven (01)
- Refrigerators (14)
- Autoclave (02)
- BOD Incubator (02)
-

2. Course(s) offered:

Ph.D. Environmental Microbiology
M.Sc. Environmental Microbiology
M.Sc. Food Microbiology & Toxicology
M.Sc. Industrial Microbiology

3. Facilities available in the Department

(i) M.Sc. laboratory
(ii) Research laboratory
(iii) Smart Classroom

4. Details of faculty

(i) **Prof. Rajesh Kumar**
Professor & Head
Dean (SEES)
Specialization: Environmental Microbiology, Abiotic Stress Management using microbes, Plant Growth Promoting Rhizobacteria and their utilization for sustainable agricultural development, Nano-based bioformulations development and their monitoring
Experience: Teaching: 23 years Research: 23Years
Qualification: M.Sc., Ph.D.

(ii) **Prof. Ram Chandra**
Specialization: Environmental Microbiology and Bioremediation
Experience: Teaching and research: 34 Years
Qualification: Ph.D.

(iii) **Dr. Jay Shankar Singh (Associate Professor)**
Specialization: Microbial Ecology and Environmental Microbiology
Experience: Teaching: 18 years Research: 18 Years
Qualification: M.Sc., Ph.D.

(iv) **Dr. Suneesh Kumar Pachathundikandi (Associate Professor)**
Specialization: Innate Immunity, Infection Biology, Cytokine Biology, Transcriptomics and Genomics, Immunology, Biochemistry
Experience: Teaching: 5 years Research: 19 Years
Qualification: M.Sc., Ph.D.

(v) **Dr. Vinay Singh Baghel (Associate Professor)**
Specialization: Water and Glacier Microbiology
Experience: Teaching: 15 years Research: 14 Years
Qualification: M.Sc., Ph.D.

(vi) **Dr. Ram Naresh Bhargava (Associate Professor)**
Specialization: Environmental Microbiology & Biotechnology
Experience: Teaching**:** 13 Research**:**13

Qualification: Ph.D.

(vii) **Dr. Ravi Kumar Gupta (Assistant Professor)**
Specialization: Molecular Microbiology, Natural antimicrobials, Microbial bioplastic.
Experience: Teaching: 11 years Research: 14 Years
Qualification: M.Sc., Ph.D.

(viii) **Dr. Digvijay Verma (Assistant Professor)**
Specialization: Metagenomics, Microbiomics and Extremozymes
Experience: Teaching: 10 years Research: 14 Years
Qualification: M.Sc., Ph.D. (Microbiology)

(xi) **Dr. Harish Chandra (Assistant Professor)**
On Study Leave

(x) **Dr. Pankaj Kumar Arora (Assistant Professor)**
On Lien (MJPR University)

5. Details of the Seminar/Conference/Webinar organized by the Department

Organized Department Alumni meet on 05/04/2023

6. Visitors of department from inside the country (during 01.04.2023-31.03.2024)

(i) **Prof. Ram Chandra (2023)** delivered Invited lecture on "*Understanding the mechanistic approach of nanoparticles with bioremediation: An innovative technology for eco-restoration of the polluted site"* in Brainstorming session entitled "Emerging Trends in Nanobiotechnology " on 15th December at 10:00 am at DUVASU, Mathura.

(ii) **Prof. Ram Chandra (2023)** delivered Invited lecture on *"Bacterial assisted heavy metals phytoextraction potential of native plants and their histological observation growing on distillery sludge: novel green technology tool for in-situ phytoremediation of hazardous industrial waste management for eco-restoration"* in National conference on "Current trends in biological sciences for sustainable agriculture, Environment and Health under climate change and XV at University of Lucknow, Lucknow.

7. Members/fellowship of professional/Academic bodies/editorial board

(i) **Prof. Rajesh Kumar**

a) Life Member of **Association of Microbiologists of India**. Membership No.1224-1998
b) Life Member, **Indian Science Congress**, Membership No. L23732, Agriculture and Forestry Sciences.
c) Life Member, Asian **PGPR Society, ICRISAT Patancheru**, Hyderabad
d) Life Member, **Microbiologists Society**, India, Membership No LM-284, September, 2019

(ii) **Prof. Ram Chandra**

a) **Fellow,** International Society of Environmental Botanists **(ISEB) (2020)**
b) **Fellow,** Association of Microbiologists of India **(AMI**) **(2013)**
c) **Fellow,** The Biotech Research Society of India **(BRSI),(2013)**
d) **Fellow,** The Academy of Environmental Biology **(AEB),** Lucknow **(2008)**
e) **Member** (M.N.A.Sc.) **The National Academy of Sciences, India (NASI) (2013)**
f) **Fellow,** of **The Sugar Technologist of India (STAI),** Memb. No. 6445
g) Life member of **Society of Toxicology**, India
h) Life member of **Academy of Environmental Biology**, India
i) Life member of **Association Microbiologist of India (AMI),** India
j) Life member of **Indian Science Congress Association**, India
k) Life Member of **the Biotech Research Society**, India
l) Life Member of **National Academy of Sciences**, India
m) Life Member of **the Association for Overseas Technical Scholarship (AOTS),** Japan
n) Life members of **Indian Network for Soil Contamination Research (INSCR)**, New Delhi
o) Member of **American Society for Microbiology (ASM),** USA
p) Life Member of **International Society of Environmental Botanists (ISEB)**
q) **Acquired special knowledge in in Academic leadership**

- Leadership for Academicians Programme (LEAP) (2019-20) (Sponsored by MHRD, Govt. of India, in collaboration with BHU and University of Cambridge, UK
- Leadership Development Programme, under CSIR, Ministry of Science and Technology (Merit certificate 2008) Govt. of India
- Strategic R&D Management (2008) under CSIR, Ministry of Science and Technology, Govt. of India

(iii) **Dr. V.S. Baghel**

a) Life member of International Society of Environmental Botanists, CSIR-NBRI, Lucknow.
b) Life member of the academy of environmental biology, Lucknow.
c) Life of the association of microbiologists of India (AMI).
d) Member secretary, Institutional Ethics Committee (BBAU, IAEC).

(iv) **Dr. Ram Naresh Bharagava**

a) Life Member of the Indian Science Congress Association (ISCA), Kolkata, India
b) Life Member of the Association of Microbiologists of India (AMI), India
c) Life Member of the Biotech Research Society of India (BRSI), Trivandrum, India
d) Life Member of the Academy of Environmental Biology (AEB), Lucknow, India
e) Associate Editor, Frontiers in Microbiology

(v) **Dr. Digvijay Verma**

a) Association of Microbiologists of India (AMI), Life Member
b) Biotech Research Society of India (BRSI), Life Member
c) Indian Science Congress Association (ISCA, India)
d) BMC Microbiology, Associate Editor
e) Frontiers in Microbiology, Review Editor
f) Frontiers in Microbiology, Guest Editor

(vi) **Dr. Ravi Kumar Gupta**

a) Life Member of **American Society for Microbiology** (ASM)
b) Life Member of **American Association for the Advancement of Science** (AAAS)
c) Editorial Board Member of the **Journal Advances in Microbiology Research, Herald Publications**, USA.

8. Details of editing journals and magazines

(i) **Dr. Suneesh Kumar Pachathundikandi**guesteditorBiomedicine (IF: 4.757) – MDPI, Basel, Switzerland, in *special issue* : Inflammasome and microbiota functions in skin, mouth, and gut inflammation

9. Details of book chapter in edited volume

i. **Prof. Rajesh Kumar,** Medhi, M.K., Ambust, S., Kumar, R., Das, A.J. (2023). Characterization and Purification of Biosurfactants. In: Aslam, R., Mobin, M., Aslam, J., Zehra, S. (eds) Advancements in Biosurfactants Research. Springer, Cham. https://doi.org/10.1007/978-3-031-21682-4_4.

ii. **Dr. Ravi Kumar Gupta,**Crispr-Cas System in Translational Biotechnology. Eds: Joshi S., Verma, D., Gupta R.K: Academic Press, Elsevier, 2024.

iii. **Dr. Digvijay Verma,**Crispr-Cas System in Translational Biotechnology. Eds: Joshi S., Verma, D., Gupta R.K:Academic Press, Elsevier, 2024.

iv. Srivastava, A., **Verma, D**. 2024. Environmental metagenomics and CRISPR-Cas, Editor(s): Swati Joshi, **Digvijay Verma**, Ravi Kr. Gupta. In: CRISPR-Cas System in Translational Biotechnology, Academic Press, 2024 pp. 175-190, ISBN 9780323918084, https://doi.org/10.1016/B978-0-323-91808-4.00014-6.

v. Kharkwal, G., Kundu, M.G., **Verma, D**. Mishra, S. 2024. Commercialization of CRISPR-Cas technology: issues and impact, Editor(s): Swati Joshi, Digvijay Verma, Ravi Kr. Gupta, In: CRISPR-Cas System in Translational Biotechnology, Academic Press, pp. 57-68, ISBN 9780323918084.

vi. Vishwakarma, A., Srivastava, A., Kumar, V., **Verma, D**. (2023). Tools and Techniques for Exploring Hidden Microorganisms: A Potential Future of Human Health Diagnosis. In: Sobti, R., Kuhad, R.C., Lal, R., Rishi, P. (eds) Role of Microbes in Sustainable Development. Springer, Singapore

10. Paper published during the year by the faculty members (during 01.04.2023-31.03.2024)

Prof. Rajesh Kumar

i. Bharti S., Singh B., Kumar S., Kumar R., 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.

ii. S Ambust, A Purohit, AJ Das, R Kumar, D Ghosh (2023). Glycolipid Biosurfactant-Assisted Remediation Strategy to Minimize the Petroleum Contaminant Footprint in Environmental Compartments. Water, Air, & Soil Pollution 234 (12), 767. (IF: 2.90).

iii. Upadhyay S., Verma S., Dhawan S., Chandra R. and Kumar R. (2023). Isolation, identification and study of antimicrobial property of potential probiotic bacteria from dairy products of Lucknow city. Open Access J Microbiol. Biotechnol. ISSN: 2576-7771. DOI: 10.23880/oajmb-16000276.

iv. Bharti S., Paliya B., Nayaka S. and Kumar Rajesh (2023). Deposition of *Daldiniastarbaeckii* (ELF) functionalized silver nanoparticles on Urinary catheter tube using chitosan polymer to prevent bacterial biofilms formation during UTI infection. Arch of Microbiol. 205: 277. DOI: 10.1007/s00203-023-03608-7. (IF: 2.667)

Prof. Ram Chandra

i. Kumari, B., &**Chandra, R**. (2023). Benzo [a] pyrene degradation from hydrocarbon-contaminated soil and their degrading metabolites by Stutzerimonasstutzeri (LOBP-19A). *Waste Management Bulletin*, *1*(3), 115-127.

ii. Soni, K., Kothamasi, D., &**Chandra, R.** (2024). Municipal wastewater treatment plant showing a potential reservoir for clinically relevant MDR bacterial strains co-occurrence of ESBL genes and integron-integrase genes. *Journal of Environmental Management*, *351*, 119938.

iii. Jyoti, K., Soni, K., &**Chandra, R.** (2024). Optimization of the production of Exopolysaccharide (EPS) from biofilm-forming bacterial consortium using different parameters. *The Microbe*, *4*, 100117.

iv. Verma, P., & Chandra, R. (2024). 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 Environment Advances*, *10*, 200101.

Dr. Jay Shankar Singh

i. SR Vimal, Jay Shankar Singh, SM Prasad (2023).Plant–Microbe Dynamics as a Nature-Based Solution for Sustainable Agriculture. *Anthr. Sci.* 1, 428–443 (2022). https://doi.org/10.1007/s44177-023-00043-7.

ii. Shobhit Raj Vimal, Jay Shankar Singh, Ashwani Kumar, Sheo Mohan Prasad (2023). Plant genotype-microbiome engineering as nature-based solution (NbS) for regeneration of stressed agriculture: A review. Scientia Horticulturae. Volume 321, November 2023, 112258. https://doi.org/10.1016/j.scienta.2023.112258.

iii. A Rai, VK Singh, NK Sharma, Jay Shankar Singh, VK Singh, BS Dwivedi, PK Rai (2024). Effect of fluorescent *Pseudomonas* on plant growth promotion of *Aloe vera*. Journal of Plant Nutrition, 1-12, 1089-1100.

iv. SR Vimal, Jay Shankar Singh, SM Prasad (2023). Prospective of Indole-3-Acteic Acid (IAA) and Endophytic Microbe *Bacillus subtilis* Strain SSA4 in Paddy Seedlings Development and Ascorbate–Glutathione (AsA-GSH) Cycle Regulation to Mitigate NaCl Toxicity. *Mol Biotechnol* (2023). https://doi.org/10.1007/s12033-023-00743-w.

v. Anuradha Rai,Naveen Kumar Sharma,Vinod Kumar Singh,Brahma Swaroop Dwivedi,Jay Shankar Singh, Pradeep Kumar Rai (2023). Study of Phosphate Solubilizing Fluorescent *Pseudomonas* Recovered from Rhizosphere and Endorhizosphere of *Aloe barbadensis* (L.). *Geomicrobiology Journal*, *40*(4), 347–359. https://doi.org/10.1080/01490451.2023.2171165.

vi. Anuradha Rai, Naveen Kumar Sharma, Vinod Kumar Singh, Ashish Rai, Vipin Kumar, Abhinav Kumar, Jay Shankar Singh, Sanjay Kudesia, Pradeep Kumar Rai (2024). Use of biowaste to

ameliorate chromium-contaminated soils to improve crop productivity. Waste Management Bulletin. Volume 2, Issue 1, 276-288.

vii. Shobhit Raj Vimal, Jay Shankar Singh, Ashwani Kumar, Sheo Mohan Prasad (2024). The plant endomicrobiome: structure and strategies to produce stress resilient future crop. Current Research in Microbial Sciences. Volume 6, 2024, 100236.

Dr. Suneesh Kumar P.

i. Suneesh Kumar Pachathundikandi, Nicole Tegtmeyer, Steffen Backert Masking of typical TLR4 and TLR5 ligands modulates inflammation and resolution by *Helicobacter pylori Trends in Microbiology* Volume 31, pp 903-915, 2023

ii. **Dr. V.S. Baghel**

iii. Nisha Bharti, Vishvas Hare, Prashant Singh, Vinay Singh Baghel (2023). Arsenic Toxicity in Rice (Oryza Sativa L.) And Implications of Its Microbial Remediation Approach. Biochem. Cell. Arch. Vol.23 pp. 1361-1373. ISSN 0972-5075. eISSN 0976-5075.

iv. Kiran Kumari, Prashant Singh, Visvas Hare, Vinay Singh Baghel (2023). Coliform Count Assessment of Saryu River, Ayodhya, U.P., India with Special References to Human Health. Biochem. Cell. Arch. Vol. 23, pp 1565-1570. ISSN 0972-5075. eISSN 0976-5075.

v. Nikki Shahi, Prashant Singh, Vishvas Hare, Vinay Singh Baghel (2024). Microbiological Assessment of Gomti River, Lucknow, India with Special Reference to Enteric Bacteria. J. Exp. Zool. India Vol. 27, No. 1, pp. 1345-1350, ISSN 0972-0030. ISSN 0976-1780.

vi. Prashant Singh, Vishvas Hare, Vinay Singh Baghel (2024). Microbiological Quality Investigation and Antibiotic Sensitivity Test of Sai River Raebareli, U.P., India. African Journal of Biological Sciences 6(5). pp. 6409-6444, ISSN: 2663-2187.

Dr. R.N. Bharagava

i. Roop Kishor, Meenakshi Verma, Ganesh Dattatraya Saratale, Luiz Fernando Romanholo Ferreira, Arun S. Kharat, Ram Chandra, Abhay Raj, Ram Naresh Bharagava (2024) Treatment of industrial wastewaters by algae-bacterial consortium with Bio-H2 production: Recent updates, challenges and future prospects. Chemosphere 349: 140742

ii. Carlos E. M. Santana, Gabriela P. Barros, Nathalia S. Canuto, Tairan E. dos Santos, Ram N. Bharagava, Jiayang Liu, Luiz F. R. Ferreira, and Ranyere L. Souza (2024) Thermosensitive polymer-assisted extraction and purification of fungal laccase from citrus pulp wash effluent

iii. Mariana Pires Maria, Nadia Hortense Torres, Victor Ruan Silva Nascimento, Talita Santos Alves Chagas, Ganesh Dattatraya Saratale, Sikandar I. Mulla, Ram Naresh Bharagava, Eliane Bezerra Cavalcanti, Luiz Fernando Romanholo Ferreira (2023) Current advances in the brewery wastewater treatment from anaerobic digestion for biogas production: A systematic review. Environmental Advances 13: 100394

iv. Anuradha Devi, Meenakshi Verma, Ganesh Dattatraya Saratale, Rijuta Ganesh Saratale, Luiz Fernando R. Ferreira, Sikandar I. Mulla, Ram Naresh Bharagava (2023) Microalgae: A green eco-friendly agents for bioremediation of tannery wastewater with simultaneous production of value-added products. Chemosphere 336: 139192

Dr. Ravi Kumar Gupta

i. Ilma Siddiqui, Ruchi Sankhwar, Abhishek Kumar, Ravi Kr. Gupta (2024). GC-MS analysis of hospital waste soil and isolation of antimicrobial agent producing bacteria, The Microbe. (3), 100079, https://doi.org/10.1016/j.microb.2024.100079.

ii. Kumar A, Sankhwar R, Yadav S, Gupta RK (2024). Lichenysin Produced by Bacillus licheniformis RG1002 Inhibit the Biofilm Formation of Pseudomonas aeruginosa on Various Surfaces. J Pure Appl Microbiol.;18(2):1196-1208. doi: 10.22207/ JPAM.18.2.38

iii. Deshraj Deepak Kapoor, Shilpi Yadav and Ravi Kr. Gupta. Comprehensive study of microbial bioplastic: present status and future perspectives for sustainable development. *Environ Dev Sustain* (2023). https://doi.org/10.1007/s10668-023-03620-3(I.F.: 4.9)

iv. Ruchi Sankhwar, Abhishek Kumar, Shilpi Yadav, Vineeta Singh, Ravi Kr Gupta, Emycin-E purified from *Streptomyces* sp. RG1011 from Himalayan soil has antibiofilm activity against *Staphylococcus aureus*, Microbial Pathogenesis, 2023, 106256, ISSN 0882-4010, doi.org/10.1016/j.micpath.2023.106256. (I.F.: 3.9)

v. Pandey G, Pandey P, Arya DK, Kanaujiya S, Deepak Kapoor D, Gupta RK, Ranjan S, Chidambaram K, Manickam B, Rajinikanth PS. Multilayered nanofibrous scaffold of Polyvinyl alcohol/gelatin/poly (lactic-co-glycolic acid) enriched with hemostatic/antibacterial agents for rapid acute hemostatic wound healing. Int J Pharm. 2023, 638:122918. doi: 10.1016/j.ijpharm.2023.122918. Epub ahead of print. PMID: 37030638. (I.F.- 5.8)

vi. Singh P, Pandey P, Arya DK, Anjum MM, Poonguzhali S, Kumar A, Gupta RK, Rajamanickam VM, Singh S, Chaurasia S, Dantuluri AK, Mcmahon S, Rajinikanth PS. Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing. Biomed Mater. 2023, 18(3). doi: 10.1088/1748-605X/acc4a1. PMID: 36921352. (I.F.-4.0)

Dr. Digvijay Verma

i. Arya, M., Chauhan, G., Fatima, T. –Verma D. 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). https://doi.org/10.1007/s12088-024-01258-x.

ii. Vishwakarma, A., Verma, D. 16S rDNA-Based Amplicon Analysis Unveiled a Correlation Between the Bacterial Diversity and Antibiotic Resistance Genes of Bacteriome of Commercial Smokeless Tobacco Products. Appl BiochemBiotechnol (2024). https://doi.org/10.1007/s12010-024-04857-y

iii. Kumar, V., Kumar, R., Sharma, S. …Verma D. Cloning, expression, and characterization of a novel thermo-acidophilic l-asparaginase of Pseudomonas aeruginosa CSPS4. 3 Biotech 14, 54 (2024). https://doi.org/10.1007/s13205-024-03916-9.

iv. Chauhan, G., Arya, M., Kumar, V. …Verma D. An improved protocol for metagenomic DNA isolation from low microbial biomass alkaline hot-spring sediments and soil samples. 3 Biotech 14, 34 (2024). https://doi.org/10.1007/s13205-023-03824-4.

v. Srivastava, A., Verma, D. Comparative bacteriome and antibiotic resistome analysis of water and sediment of the Ganga River of India. World J MicrobiolBiotechnol 39, 294 (2023). https://doi.org/10.1007/s11274-023-03730-0.

vi. Shukla S, Srivastava A, Verma D, Gangopadhyay S, Chauhan A, Srivastava V, Budhwar S, Tyagi D and Sharma DC (2023) Analysis of gut bacteriome of in utero arsenic-exposed mice using 16S rRNA-based metagenomic approach. Front. Microbiol. 14:1147505. doi: 10.3389/fmicb.2023.1147505.

vii. Srivastava, A., Verma, D. Urbanization led to the abundance of Gram-negative, chemo-organo-heterotrophs, and antibiotic resistance genes in the downstream regions of the Ganga River water of India. Environ Sci Pollut Res 30, 75417–75438 (2023). https://doi.org/10.1007/s11356-023-27552-7.

viii. Vishwakarma, A., Verma, D. Smokeless Tobacco Harbors Bacteria Involved in Biofilm Formation as Well as Salt and Heavy Metal Tolerance Activity. Appl BiochemBiotechnol 196, 3034–3055 (2024). https://doi.org/10.1007/s12010-023-04689-2.

Review article

Verma, D., Joshi, S., Ghimire, P., Mishra, A., Kumar, V. (2024) Developments in extremophilic bacterial genomics: A post next generation sequencing era, Ecological Genetics and Genomics, 32: 100255.

11. Attended/participated in Conferences/seminar/workshop inside country

Prof. Ram Chandra

(i) Delivered Invited lecture on “Understanding the mechanistic approach of nanoparticles with bioremediation: An innovative technology for eco-restoration of the polluted site” in Brainstorming session entitled "Emerging Trends in Nanobiotechnology " on 15th December at 10:00 am at DUVASU, Mathura.

(ii) Delivered Invited lecture on “Bacterial assisted heavy metals phytoextraction potential of native plants and their histological observation growing on distillery sludge: novel green technology tool for in-situ phytoremediation of hazardous industrial waste management for eco-restoration” in National conference on “Current trends in biological sciences for

sustainable agriculture, Environment and Health under climate change and XV at University of Lucknow, Lucknow.

Dr. Suneesh Kumar P.

i. Innovation and Global Cooperation for Sustainability: Indo-German Conference. German Academic Exchange Service (DAAD), New Delhi, 12.03.2024 – 14.03.2024
ii. SERB Sponsored Workshop on Flow Cytometry, qRT-PCR, Western Blotting and its Application in Pharmaceutical Research, Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow, 07.03.2024 – 13.03.2024
iii. 25th Indo-US Flow Cytometry Workshop, Babasaheb Bhimrao Ambedkar University & Trust for Education and Training in Cytometry, Lucknow 03.02.2024 – 04.02.2024
iv. 3rd Virtual Mini-Symposium on Male Reproductive Immunology „At the Interface of Tolerance and Defense" Hessian Center for reproductive biology, Justus Liebig University, Giesen, Germany, 29.11.2023 – 30.11.2023

Dr. Ram Naresh Bharagava

(i) delivered invited lecture on "Water pollution and its minimization approaches" in the conference of International Workshop and Conference on Membrane Assisted Water Purification Processes (ICMW2023) held from March 09 -12, 2023, organized by Mahatma Gandhi University, Kottayam 686560, Kerala, India

(iii) **Dr. Ravi Kr. Gupta** attended Refresher Course of two weeks on the topic "Advanced Research methodology" organized by Ramanujan College, University of Delhi from 22 April to 06 May, 2023

(iv) **Dr. Digvijay Verma**
National level online lecture workshop, Kerala Unit, 17.02.2024, ACT, Academy

12. Attended/participated in Conferences/seminar/workshop outside country

i. **Prof. Ram Chandra (2023)** delivered lecture as **Invited Speakers** on "*Health Hazards of Pulp Paper Mill Waste Containing Residual Organic Pollutants as Endocrine Disrupting Chemicals (EDC) after Secondary Treatment and their Detoxification by Biostimulation Process*" in "3rd International Conference on Environment Sustainability: New Paradigms and Developments (ICES 2023, Dubai)'' on dated 26 November, 2023.

13. Consultancy works, if any

(i) **Free consultancy with details of client**
Civil Drawing of 5KLD Effluent Treatment Plant & 80 KLD Sewage Treatment Plant, Railway Hospital Lucknow by **M/S Saviour Envirotech, Lucknow**
Total cost: Rs. 25000 **(Prof. Ram Chandra) (February, 2024)**

14. Details of invited lecture inside the country

Prof Rajesh Kumar

(a) 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.

Prof. Ram Chandra (2023)

(i) delivered Invited lecture on "*Understanding the mechanistic approach of nanoparticles with bioremediation: An innovative technology for eco-restoration of the polluted site"* in Brainstorming session entitled "Emerging Trends in Nanobiotechnology " on 15th December at 10:00 am at DUVASU, Mathura.

(ii) delivered Invited lecture on *"Bacterial assisted heavy metals phytoextraction potential of native plants and their histological observation growing on distillery sludge: novel green technology tool for in-situ phytoremediation of hazardous industrial waste management for*

eco-restoration" in National conference on "Current trends in biological sciences for sustainable agriculture, Environment and Health under climate change and XV at University of Lucknow, Lucknow.

Dr. Ravi Kumar Gupta

Dr. Ravi Kumar GuptaInvited lecture in Karyashala(High-End Workshop) on "FLOW CYTOMETRY, qRT-PCR, WESTERN BLOTTING AND ITS APPLICATIONS IN PHARMACEUTICAL RESEARCH" organised by Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow.

Dr. Digvijay Verma

i. **Dr. Digvijay Verma** Delivered an invited talk on 'The processing and quality control of NGS platform data from microbial metagenomics and microbiome analysis' on 25.07.2023 in the Department of Biotechnology, BBAU, Lucknow.
ii. **Dr. Digvijay Verma** Delivered an invited talk on 'Applications of Flow Cytometry for studying microbes' on 13.03.2024 in a High-End workshop on Flow cytometry, qRT-PCR, western blotting and its application in pharmaceutical research conducted by Department of Pharmaceutical Sciences, BBAU, Lucknow from 07-13, March, 2023. (Sponsored by SERB, DST, New Delhi).

15. Details of invited lecture outside the country

Prof. Ram Chandra (2023) delivered lecture as **Invited Speakers** on "*Health Hazards of Pulp Paper Mill Waste Containing Residual Organic Pollutants as Endocrine Disrupting Chemicals (EDC) after Secondary Treatment and their Detoxification by Biostimulation Process*" in "3rd International Conference on Environment Sustainability: New Paradigms and Developments (ICES 2023, Dubai)'' on dated 26 November, 2023.

16. Details of Research Projects (major and minor)

i. **Dr. Suneesh Kumar P.** Project title: *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 Funding Agency: SERB, DST, Govt. of India Total Cost: 62.34 LakhDuration: August 01, 2023-July 31, 2026

ii. **Dr. R.N. Bharagava**Project title: Development and optimization of a microbial fuel cells (MFCs) consortium for the effective degradation and detoxification of residual dyes from textile industry wastewater with simultaneous bioelectricity generation. Funding Agency: Department of Science & Technology (DST), Government of India, New Delhi- 110 002 Total Cost: 45.49 LakhDuration: Feb 28, 2022 to Feb 27, 2025

iii. **Dr. Digvijay Verma** Project title: Exploring the microbiome of smokeless tobacco (F.No. 30.442/BSR/2018). Funding Agency: UGC-BSR Start-up Grant, University Grant commission, New Delhi Completed Total Cost: 10 Lakh Duration: (2018-21)

iv. **Dr. Digvijay Verma** Project title: Prototype development for acrylamide degradation in starch-based fried food products using thermostable bacterial L-asparaginases. Funding Agency: CST, Uttar Pradesh Total Cost: 11.85 Lakh Duration: (2024-27)

v. **Dr. Digvijay Verma** Project title: Microbes assisted recovery of Rare Earth Elements (REE) from Laterite Funding Agency: SERB, New Delhi Total Cost: 40 Lakh Duration: (2024-27)

17. Details related to Good Governance at the Department level to ensure transparency/student participation/time bound results etc.

- Evaluated answer sheets are shown to students for their improvement.

18. Students achievements

i. Accomplishmentsof the students.

Number of students completed their Masters/ graduation/Diploma	M.Sc. Environmental Microbiology	**23**
	M.Sc. Industrial Microbiology	**11**
	M.Sc. Food Microbiology & Toxicology	**11**

Number of Student selected in Civil Services	UPPSC	**00**
	UPSC	**00**
Number of student pursuing higher studies		**15**
Number of student selected	Govt. job	**02**
other government jobs/ banking/school teaching etc.	Teaching in Higher Education	**08**
	Teaching	**04**
	Job	**28**
	Projects	**02**
Number of Students placed through campus interview		**02**
Number of student awarded SLET/NET/JRF/any other fellowship		**03**

ii. Ph.D. awarded during the year (2023-24)

S.No.	Name of the PhD scholar	Name of the supervisor	Title	Fellowship availed
1.	Sushma Verma	Prof. Naveen Kumar Arora	"Screening of endophytic diazotrophic bacteria in wheat under saline conditions from central regions of Uttar Pradesh"	UGC Non-Net fellowship
2.	Kshitij Singh	Prof. Ram Chandra	"Study the role of rhizospheric bacterial community during the phytoremedition of distillery waste"	UGC Non-Net fellowship
3.	Rupali Mishra	Dr. Pankaj Kumar Arora	"Studies on chromium transforming bacteria isolated from Tannery waste disposal site of Kanpur".	UGC Non-Net fellowship
4.	Renu Verma	Prof. Naveen Kumar Arora	Diversity of rhizobia associated with chickpea germplasm in relation to nodulation and nitrogen fixation	UGC Non-Net fellowship
5.	Sheel Ratna	Prof. Rajesh Kumar	Bioremeditation of distillery efflvents through Bio-adsorbent column and contructed wetland and assesment for fertigation of Wheat	NFSC
6.	Shweta Ambust	Prof. Rajesh Kumar	Remediation of hydrocarbon contaminated soil using plant growth promotory rhizobacteria and *Ricinus communis* (L.)	UGC Non-Net fellowship

iii. Ph.D. thesis submitted during the year 2023-24

S.No.	Name of the student	Name of the Supervisor	Title	Fellowship availing
1.	Ms. Shweta Bharti	Prof .Rajesh Kumar	"Green Synthesis Characterization with Antimicrobial Potential of Silver Nanoparticles using some Macrolichens"	NFSC
2.	Ms. Prerna	Prof. Ram Chandra	"Bacterial Degradation of residual organic Pollutants of pulp paper mill effluent by biostimulation and bioaugmentation process"	UGC Non-Net fellowship
3.	Ms. Beema Kumari	Prof. Ram Chandra	Isolation and Characterization of PAH(benzo(a)pyrene and Pyrene Degrading Bacterial Stairns from Petroleum Waste	Net fellowship
4.	Km Jyoti	Prof. Ram Chandra	Isolation and Characterization of Biofilm forming Antibiotic Resistant Bacterial Starins from Pharmaceutical Industrial Waste	UGC Non-Net fellowship

5.	Ruchi Sankhwar	Dr. Ravi Kumar Gupta	Identification of natural antimicrobial agent against Staphylococcus aureus from the Himalayan forest soil	UGC Non-Net fellowship
6.	Vinay Kumar	Dr. Digvijay Verma	Characterization and Applications of Bacterial L-asparaginase from environmental samples	UGC Non-Net fellowship
7.	Ankita Srivastava	Dr. Digvijay Verma	Characterization of Microbiome and Antibiotic Resistance Genes of the River Ganga	UGC Non-Net fellowship
8.	Akanksha Vishwakarma	Dr. Digvijay Verma	Characterization of bacterial diversity of smokeless tobacco of india	UGC Non-Net fellowship

iv. Ph.D. student's pursuing Ph.D. (2023-24).

S.No.	Name of the student	Name of the Supervisor	Title	Fellowship availing
1.	Abhishek Kumar	Dr. Ravi Kumar Gupta	Isolation, Screening and Characterization of Natural Antimicrobial Agent Against Shigella flexneri from Hospital Waste Sites	UGC Non-Net fellowship
2.	Ajay Prakash	Prof. Rajesh Kumar	Detoxification of spent catalyst waste of petroleum refinery using bacterial consortium	UGC Non-Net fellowship
3.	Anuradha Devi	Dr. Ram Naresh Bhargava	Microbiological treatment of tannery wastewater after secondary treatment process with production of value added products	UGC Non-Net fellowship
4.	Christina Saran	Dr. Ram Naresh Bhargava	Development of a microbial fuel cells consortium for the detoxification of hexavalent chromium from leather industry wastewater with power generation	UGC Non-Net fellowship
5.	Kuldeep Soni	Prof. Ram Chandra	Municipal Wastewater Treatment Plants Performance Evaluation and Correlation with Antibiotic Resistant Bacterial Community	NFOBC
6.	Ashish Kumar	Dr. Pankaj Kumar Arora	Genomic and transcriptomic analysis of hexavalent chromium reducing bacteria	NFSC
7.	Rahul Kumar Nigam	Dr. Jay Shankar Singh	Assessment of methanotrophs and microbial biomass and their correlation with physicochemical properties of sugar mill effluents affected soils	NFSC
8.	Deshraj Deepak Kapoor	Dr. Ravi Kumar Gupta	Identification and characterization of polyhydroxyalkanoates producing bacteria from saline environment	UGC Non-Net fellowship
9.	Shweta Tiwari	Prof .Rajesh Kumar	Detoxification of petroleum refinery waste using bacterial biosurfactant encapsulated nanomaterial	UGC Non-Net fellowship
10.	Pawan Kumar Bharagawa	Prof .Rajesh Kumar	Decolorization of textile wastewater after using constructed wetland and analysis of rhizospheric bacterial community	UGC Non-Net fellowship
11.	Anjali Chaudhary	Prof. Ram Chandra	Bacterial water quality assessment of kraft and pulp paper mill wastewater contaminated aquatic resources after secondary treatment for environmental Safety	UGC Non-Net fellowship

12.	Pratishtha Sharma	Prof. Ram Chandra	Study on the bacterial assisted phytoremediation of industrial waste by common weeds for eco-restoration of polluted environment	NET-JRF Fellowship
13.	Mohd. Zobair Iqbal	Prof. Ram Chandra	Characterization of rhizospheric bacterial communities from hyperaccumulator plants growing on complex organometallic pollutants of distillery waste for eco-restoration	DST-Inspire Fellowship
14.	Sandeep Bharti	Dr. Ram Naresh Bhargava	Development of bacteria-algae consortium for the treatment of sewage wastewater with biofertilizer production and its utilisation in eco-friendly crop production	NET-JRF Fellowship
15.	Sana Bano	Prof. Ram Chandra	Study the role of bacterial communities in bioremediation of discharged incinerated spent wash ash from distilleries for sustainable development	UGC Non-Net fellowship
16.	Preeti Ranjan Rao	Dr. Pankaj Kumar Arora	Course work	UGC Non-Net fellowship
17.	Zakir Ullah Fazali	Prof. Ram Chandra	Bacterial degradation of organic components from municipal solid waste for sustainable development	ICCSAR Fellowship (NRI)
18.	Parteek Singh	Dr. Jay Shankar Singh	Paddy Crop Residue Burning And Its Relationship With Soil Methanotrophs, Microbial Biomass And Soil Nutrients Status	UGC Non-Net fellowship
19.	Jagriti Verma	Dr. Suneesh Kumar P.	Isolation and Characterization of endophytes from the selected medicinal and edible plants for the beneficial effects	UGC Non-Net fellowship
20.	Vinita Verma	Dr. Pankaj Kumar Arora	Course Work	UGC Non-Net fellowship
21.	Rashmi Shankar	Supervisor to be allotted	Course work	NA
22.	Supriya Rai	Supervisor to be allotted	Course work	UGC Non-Net fellowship
28.	Debasmita Chawdhary	Supervisor to be allotted	Course work	UGC Non-Net fellowship
23.	Namrata Mishra	Supervisor to be allotted	Course work	UGC Non-Net fellowship
24.	Abhishek Thakur	Supervisor to be allotted	Course work	UGC Non-Net fellowship
25.	Priyanka Deka	Supervisor to be allotted	Course work	UGC Non-Net fellowship
26.	Ashwani Kumar	Supervisor to be allotted	Course work	UGC Non-Net fellowship
27.	SharaddhaKasoundhan	Supervisor to be	Course work	UGC Non-Net

		allotted		fellowship
28.	Akanksha Singh	Supervisor to be allotted	Course work	UGC Non-Netfellowship

19. Google profile of the faculty members, of available

(i) **Prof. Ram Chandra**

	All	Since 2019
Citations:	10440	7315
h-index:	60	47
i10-index:	132	118

(ii) **Dr. Suneesh Kumar Pachathundikandi**

	All	Since 2018
Citations	819	489
h-index	14	13
i10-index	15	14

(iii) **Dr. Vinay Singh Baghel**

	All	Since 2019
Citations:	435	195
h-index:	10	7
i10-index:	10	6

(iv) **Dr. Jay Shankar Singh**

	All	Since 2018
Citations	6923	5163
h-index	39	36
i10-index	73	65

(v) **Dr. Ram Naresh Bharagava**

	All	Since 2018
Citations	12248	10860
h-index	54	51
i10-index	132	128

(vi) **Dr. Digvijay Verma**

	All	Since 2016
Citations	1371	869
h-index	14	11
i10-index	10	20

(vii) **Dr. Ravi Kumar Gupta**

	All	Since 2018
Citations	715	502
h-index	12	12
i10-index	12	12

Department of Environmental Science

Department of Environmental Science is presently offering Postgraduate program*i.e.*, M.Sc. and Doctoral (Ph.D.) program in Environmental Science. The Department is working as interdisciplinary center for learning and knowledge disseminationin various aspects of Environment by offering M.Sc. and Ph.D. degrees to the students. Presently, there are 24Post Graduate students and 23 Research Scholars working in diverse fields of Environmental Science. Department of Environmental Science is having well experienced faculties and well-equipped laboratories. There is special emphasis on Research and Development in core areas of Environmental studies such as Climate Change, Environmental Impact Assessment, Toxicology, Bioremediation, Environmental Biotechnology and Microbiology, Microbial Ecology and Natural Resource Management. The course curriculum is designed with the help of experts from Academia and Industries to train the manpower required to work in the field of Environmental Sciences.

The Department of Environmental Science is also having research projects funded by DBT, DST, CSIR, Science & Technology, UP. The Department came into existence in 1997 under the School of Earth & Environmental Sciences (SEES) which provides students a high-quality exposure to Environmental Education that includes experience with research and field training.

The Department intends to impart special training to students, grooming them to handle the emerging environmental problems of various kinds faced by the industries and the society on both the technological as well as environmental fronts. There are six Professors, two Associate Professors and two Assistant Professors in the Department from diverse fields of specialization ranging from Environmental Microbiology, Stress Biology, Environmental Biotechnology, Environmental Impact Assessment (EIA), Environmental Toxicology, Environmental Chemistry, Environmental Modeling and Management.

The department has also signed MoU with various research organizations working in the area of Environmental Science such as Indian Institute of Toxicological Research (IITR), National Botanical Research Institute (NBRI) and Central Institute of Medicinal and Aromatic Plants (CIMAP). During the last 5 years, more than 25 students of this Department have qualified in NET organized by UGC/ICAR/AICTE etc. The Department of Environmental Science has been included in the FIST Program of Department of Science and Technology, Govt. of India and received a sum of Rs. 50 lacs for improvement of infrastructural and research facilities in the Department.

The Department also organizes regular seminars during weekends for the students where students speak on topic of their choice in order to harness their oration skills and to create general awareness among them on different aspects of Environmental issues. Department is also actively organizing special programs on current topics in the field of Environmental Sciences from time to time. Department takes pride in not missing the celebration of National Science Day, World Wetlands Day, Ozone Day, World Environment Day, Wildlife-week, World Water Day, National and International Conference on various aspects of Environmental Science including workshops, symposia and seminars. Students regularly participate in various extra-curricular activities such as debate competition, essay writing, cultural and sports activities organized by the University. Involvement of students in field and Dissertation works helps students to establish relationship with professional organizations that help them in their extension studies and placements. One semester of dissertation work provides critical real-world experience for our students preparing them for successful careers.

2. Course Offered:

- **I.** M.Sc. :Environmental Science
- **II.** Ph.D.:Environmental Science

4. Facilities available in the Department

- **I.** 01 M.Sc. Laboratory
- **II.** 05 Research Laboratory
- **III.** 01 Smart Classroom
- **IV.** 01 Departmental Library
- **V.** 01 Field Station

1. Details of Faculty

I. Prof. S.K. Dwivedi
Senior Professor
Specialization: Microbiology, Ecology, Environmental Microbiology
Qualification:M.Sc., Ph.D.

II. Prof. Naveen Kumar Arora
Professor
Specialization: Environmental and Agricultural Microbial Technology
Qualification:M.Sc., Ph.D.

III. Prof. Shikha
Professor& Head
Specialization: Environmental Microbiology, Bioremediation
Qualification:M.Sc., Ph.D.

IV. Prof. Venkatesh Dutta
Professor
Specialization: Environmental Management, EIA, Modeling, Water Resource Management
Qualification:M.Sc., Ph.D.

V. Prof. Narendra Kumar
Professor
Specialization: Environmental Pollution, Impact Assessment and bioremediation
Qualification:M.Sc., Ph.D.

VI. Dr. Nandkishor S. More
Associate Professor
Specialization: Specialization Climate Change and Policy Studies
Qualification: M.Sc., M.Phil. Ph.D.

VII. Dr. Rajesh Singh
Associate Professor
Specialization: Environmental Science and Engineering
Qualification: M.Sc., MTech., Ph.D.

VIII. Dr. Jiwan Singh
Assistant Professor
Specialization: Solid waste management, water and waste water treatment, synthesis ofnanomaterials and their applications, composting/ vermicomposting, phytoremediation
Qualification:M.Sc. MTech., Ph.D.

XI. 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.

5. Details of the Seminar/Conference/Webinar organized by the Department.

i. Invited Lecture by Prof. Peter Mollinga on 19thOctober, 2023 at 11:30 am University of London, UK/ZEF Bonn University
ii. Training Program for Farmers on किसानो की आजीविका में सुधार एवं निरंतर कृषि तकनीक पर कार्यशाला on 23rd, 2024 to 25 January, 2024
iii. International Conference organized on 'Waste Recycling and Environmental Technology' (WRET-2024) from Feb. 08th , 2024 to 09th Feb., 2024

6. Other Departmental level Academic Activities (Academic activities that includes lectureseries, guest lectures etc., detailsaboutessay/quizcompetitionetc)

i. World Wetland Day on 2ndFeb., 2024
ii. World Environment Day on 5thJune, 2024

7. Visitors of Department from outside the country (during01.04.2023-31.03.2024)

Plenary Lecture on Biochar Based Inoculants: A Solution For Climate Smart Sustainable Agriculture by Dr. DilfuzaEgamberdieva, National University of Uzbekistan, Tashkent on 20th February, 2024

8. Members/ fellowship of professional/ Academic bodies/ editorial board

Prof. S.K. Dwivedi

i. Member, Departmental ResearchCommittee Environmental Science, Dr RML University,Ayodhya since07/02/2024

ii. Member, Departmental Research Committee Applied Science, Dr RML University, Ayodhya since 21/02/2024

iii. Member, Board of Studies in Environmental Studies, NEHU, Shillong since 15/03/2024

Prof. Naveen Kumar Arora

i. Editor in Chief, Environmental Sustainability (Springer Nature) (Impact factor: 3.0)
ii. Series Editor, Microorganisms for Sustainability (Springer Nature) (Indexed in Scopus)
iii. Editor, Plant Pathology, Wiley.
iv. Executive Member, Asian PGPR Society
v. President, Society for Conservation of Wildlife
vi. Secretary, Society for Environmental Sustainability
vii. Member, Editorial Board, Archives of Agriculture & Environmental Science
viii. Member, Editorial Board, Clean and Green Environmental Society

Prof. Shikha

i. Life member of the Society of Biological Chemists, (India) [SBC (I)], Life membership No. 3827-2016
ii. Life member of the Association of Microbiologists of India (AMI), Life membership No. 4618-2017
iii. Chief Editor- Journal of Applied Science Innovation & Technology (ISSN online: 2583-505X)

Prof. Venkatesh Dutta

i. Fellow, Society of Earth Scientists (SES), India
ii. Fellow, Indian Water Resources Society (IWRS), IIT Roorkee
iii. Member, International Association of Hydrological Sciences (IAHS), UK
iv. Member, Indian Association of Hydrologists (IAH)
v. Member, Indian Science Congress Association
vi. Member, Society of Environmental Sustainability
vii. Member, Indian Aerosol Science and Technology Association

Dr. Jiwan Singh

i. Editor-G- Journal of Environmental Science and Technology, ISSN (Online): 2322-0228 (Print): 2322-021X
ii. The Institutions of Engineers, India, Associate member (MEMBCODE- AM1505249, RECSLNO- 130200622970), from October, 31 2013 to present.
iii. Life time member- Prof. H.S. Srivastava Foundation for Science and Society, Lucknow, India

9. Details of Books written/edited by faculty members

Prof. Naveen Kumar Arora

i. Chelliapan S, Krishnan S, Zambare V (2024) (Series Ed. N K Arora) Anaerobes and Waste Conversion Technologies.Springer Nature Singapore Series: Microorganisms for Sustainability, Vol. 44eBook ISBN 978-981-97-4159-5
ii. Arora NK, Bouizgarne B (2024) (Series Ed. N K Arora) Microbial Biotechnology for Sustainable Agriculture Volume 2 Springer Nature Singapore, Series: Microorganisms for Sustainability,Vol. 34eBook ISBN 978-981-97-2355-3
iii. Mishra V, Mishra J, Arora NK (2024) Bioactive microbial metabolites, scope and challenges: A volume in developments in applied microbiology and biotechnology, Elsevier ISBN, 978-0-443-18568-7

iv. Chhabra S, Prasad R, Maddela NR, Tuteja N (Series Ed. N K Arora) (2023) Plant Microbiome for Plant Productivity and Sustainable Agriculture. Springer. Series: Microorganisms for Sustainability, Vol. 37 ISBN 978-981-19-5028-5
v. Nadda AK, Goel G (Series Ed. N K Arora) (2023) Microbes for Natural Food Additives. Springer. Series: Microorganisms for Sustainability, Vol. 38 ISBN 978-981-19-5710-9
vi. Maheshwari DK & Dheeman S. (Series Ed. N K Arora) 2023. Sustainable Agrobiology. Series: Microorganisms for Sustainability, Vol. 43. ISBN: 978-98119-9570-5
vii. Mulla, Sikandar I., Bharagava, R. N. (Series Ed. N K Arora) 2023. Enzymes for Pollutant Degradation. Springer. Series: Microorganisms for Sustainability, Vol. 30 ISBN 978-981-16-4574-7
viii. Bouizgarne, Brahim& Arora, NK. 2023. Microbial BioTechnology for Sustainable Agriculture Volume 1. Series: Microorganisms for Sustainability, Vol. 33. ISBN: 978-981-16-4843-4.

Prof. Venkatesh Dutta

Dutta, V., Ghosh, P. (2024) Sustainability: Science, Policy, and Practice in India. Sustainable Development Goals Series. Springer, Cham., ISBN: 978-3-031-50131-9.

10. Details of editing journals and magazines

Prof. Naveen Kumar Arora

Editor in Chief, Environmental Sustainability (Springer Nature) (Impact factor: 3.0)

Dr. Jiwan Singh

Editor in Chief: Journal of Applied Science, innovation & Technology (JASIT) (E-ISSN: 2583-505X)

11. Details of Book Chapter in edited volume/ conference volume.

Prof. S.K. Dwivedi

i. Recovery of valuable metals from electroplating effluent. p.273-294. **(2023),** In: Resource Recovery in Intdustrial Waste Waters. (Elsevier publications), ISBN: 978-0-323-95327-6
ii. Application of Bioleaching for Metal Recovery. pg. 295-318. **(2023),** In: Resource Recovery in Intdustrial Waste Waters.(Elsevier publications), ISBN: 978-0-323-95327-6

Prof. Naveen Kumar Arora

I. Arora, N.K., Fatima, T. (2023). Development and Application of Consortia-Based Microbial Bioinoculants for Sustainable Agriculture. In: Maheshwari, D.K., Dheeman, S. (eds) Sustainable Agrobiology. Microorganisms for Sustainability, vol 43. Springer, Singapore. https://doi.org/10.1007/978-981-19-9570-5_17

Prof. Shikha

i. Khare, S., **Shikha** (2023) Occurrence and Fate of Antibiotics in Manure. In: Jawaid, M., Khan, A. (eds) Manure Technology and Sustainable Development. Sustainable Materials and Technology. Springer, Singapore, pp 197-210 https://doi.org/10.1007/978-981-19-4120-7_8 (Online ISBN978-981-19-4120-7; Print ISBN978-981-19-4119-1).
ii. Deepa Kannaujiya, Devesh Vishwakarma, Shivangi Awasthi and **Shikha** (2023) Health Implications of Agrochemicals: Nexus of Their Impacts, Sustainable Management Approaches and Policy Gaps, In: One Health Implications of Agrochemicals and their Sustainable Alternatives, Sustainable Development and Biodiversity. Sustainable Development and Biodiversity, vol 34, 245-274, Springer, Singapore (https://doi.org/10.1007/978-981-99-3439-3_9).
iii. Shivangi Awasthi, Devesh Vishwakarma, Deepa Kannaujiya and **Shikha** (2023) Socio-economic and Ecological Values of Sustainable Alternatives to Pesticides, In: One Health Implications of Agrochemicals and their Sustainable Alternatives, Sustainable Development and Biodiversity. Sustainable Development and Biodiversity, vol 34, 355-386, Springer, Singapore (https://doi.org/10.1007/978-981-99-3439-3_13).

Prof. Venkatesh Dutta

i. Dutta, V (2024) Water Sanctuaries, State of India's Environment 2024, Centre for Science and Environment, New Delhi, p. 321 – 323, ISBN: 978-81-946639-4-2
ii. Dutta, V., Ghosh, P. (2023) Sustainability as the Development Paradigm: Evolving Frames and Interpretations. In: Dutta, V., Ghosh, P. (eds) *Sustainability: Science, Policy, and Practice in India*. Sustainable Development Goals Series. Springer, Cham., ISBN: 978-3-031-50131-9
iii. Dutta, V. and Oberoi, R. (2023) Transition to Low-Carbon Energy Resources in India: Issues and Challenges , In: *Changing the paradigm of energy geopolitics: security, resources and pathways in light of global challenges* / edited by JoãoSimões, Francisco José Leandro, Eduardo Caetano de Sousa, and Roopinder Oberoi. New York: Peter Lang., 285 – 300.

Prof. Narendra Kumar

i. Sanjeev Kumar, Ritu Singh, Dhananjay Kumar, Kuldeep Bauddh, Narendra Kumar, Rajesh Kumar (2023) An Introduction to the Functions and Ecosystems Services Associated with Aquatic Macrophytes. In Kumar et al (eds) Aquatic macrophytes: Ecology, Functions and Services. Springer Nature, 1-20.
ii. Dhananjay Kumar, Urvashi Sharma, Vishal Singh, Aneet Kumar Yadav, Sanjeev Kumar, Narendra Kumar (2023) Efficiency of aquatic plants for remediation of wastewater. In Kumar et al (eds) Aquatic macrophytes: Ecology, Functions and Services. Springer Nature, 159-174.
iii. Urvashi Sharma, Dhananjay Kumar, Aneet Kumar Yadav, Sanjeev Kumar, Venkatesh Dutta, Narendra Kumar (2023). Restoration and rejuvenation of rivers, streams and wetlands: Challenges and way forward. In Gupta et al (eds) Ecosystem Restoration: Towards Sustainability and Resilient Development. Springer Nature Singapore Pte Ltd.
iv. Sushil K Bharti, Narendra Kumar, Nandkishor S. More (2023). Translocations of Heavy Metals in Aquatic Macrophytes Naturally Grown in the Riverine Ecosystem. In Kumar et al (eds) Aquatic macrophytes: Ecology, Functions and Services. Springer Nature, 221-236.
v. Anita and Narendra Kumar. (2023). Bio-butanol: Potential feedstocks and production techniques. In Singh et al. (eds) Sustainable Butanol Biofuels, CRC Press Taylor &francis Group. 272.

Dr. N.K.S. More

I. Bharti, S.K., Kumar, N., More, N.K. S., Translocations of Heavy Metals in Aquatic Macrophytes Naturally Grown in the Riverine Ecosystem. , In: Kumar, S., Bauddh, K., Singh, R., Kumar, N., Kumar, R. (eds) Aquatic Macrophytes: Ecology, Functions and ServicesSpringer, Singapore., (2023) . https://doi.org/10.1007/978-981-99-3822-3_11

Dr. Jiwan Singh

I. Verma, L., Singh, J., 2023. Production of Biochar-Based Nanocomposites from Chemical and Biological Methods In Mourad AmerAdvances in Science, Technology &InnovationIEREK Interdisciplinary Series for Sustainable DevelopmentElectronic ISSN 2522-8722.

12. Paper Published during the year by the faculty members (during 01.04.2023 - 31.03.2024).

Prof. S.K. Dwivedi

i. Ajay Raj Tripathi* & Shiv Kumar Dwivedi* (2023), Mycoparasitic Study of Trichoderma rugulosum Gmaxr2 against Macrophominaphaseolina Gmax20 Causing Charcoal rot in Soybean Crop, IJFANS International Journal of Food and Nutritional Sciences, SSN PRINT 2319 1775 Online 2320 7876,
ii. Ashvani Kumar Chaudhari and Shiv Kumar Dwivedi (2023), Green synthesis of silver nanoparticle by Ziziphusmauritiana leaf extract and its antifungal activity against Aspergillus species, Biochem. Cell, 0972-5075
iii. Priyanka and Dwivedi, S. K (2023), Fungi mediated detoxification of heavy metals: Insights on mechanisms, influencing factors and recent developments, *Journal of Water Process Engineering*

iv. Chaudhari A.K and Dwivedi S.K (2023), Biofabrication and Characterization of Silver Nanoparticles using biomolecules of *Cassia fistula* Flower, Journal of Applied Science, Innovation & Technology

v. Kumar Suresh and Dwivedi S.K. (2023) Assessment of air quality in Lucknow, India during the festival of Diwali for four successive years amid the COVID-19 pandemic lockdown, Physics and Chemistry of the Earth

Prof. Naveen Kumar Arora

i. Arora, N.K., Fatima, T. Environmental sustainability and biotechnology: opportunities and challenges. Environmental Sustainability 7, 115–119 (2024). https://doi.org/10.1007/s42398-024-00317-9

ii. Bharti, C., Fatima, T., Mishra, P. et al. (2024) Salt-tolerant endophytic Bacillus altitudinis NKA32 with ACC deaminase activity modulates physiochemical mechanisms in rice for adaptation in saline ecosystem. Environmental Sustainability 7, 231–249. https://doi.org/10.1007/s42398-024-00316-w

iii. Arora NK, Mishra J, Singh P, Fatima T. (2024) 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. J Basic Microbiol. 64:2300767. https://doi.org/10.1002/jobm.202300767

iv. Arora, N.K., Mishra, J. (2024) Next generation microbe-based bioinoculants for sustainable agriculture and food security. Environmental Sustainability 7, 1–4. https://doi.org/10.1007/s42398-024-00308-w

v. Mishra, P. Mishra J. & Arora, NK. (2024) Salt tolerant *Pseudomonas taiwanensis* PWR-1 in combination with a reduced dose of mineral fertilizers improves the nutritional and antioxidant properties of wheatgrass grown in saline soil. World J MicrobiolBiotechnol 40:11. DOI: 10.1007/s11274-023-03806-x

vi. Verma, R., Shanmugavadivel, PS., Arora, NK. et al. 2024. Natural variability and heritability of root-nodulation traits in chickpea (*Cicer arietinum* L.) minicore. 3 Biotech 14, 70 https://doi.org/10.1007/s13205-023-03908-1

vii. Fatima, T., & Arora, NK. 2023. Structural, compositional characterization of novel exopolysaccharide from halotolerant strain of *Pseudomonas entomophila* PE3 and their role in growth promotion of sunflower under saline condition. Environmental and Experimental Botany, 105418. DOI: 1016/j.envexpbot.2023.105418

viii. Arora, NK. & Mishra, I. 2023. Sustainable development goal 13: recent progress and challenges to climate action. Environmental Sustainability 6, 297–301. DOI: 10.1007/s42398-023-00287-4

ix. Arora, NK., Mishra, I., & Arora, P. 2023. SDG 14: life below water-viable oceans necessary for a sustainable planet. Environmental Sustainability, 1-7. DOI: 10.1007/s42398-023-00299-0

x. Arora, NK. & Mishra, I. 2023. Responsible consumption and production: a roadmap to sustainable development. Environmental Sustainability. DOI: 10.1007/s42398-02300266-9.

xi. Arora, P. & Arora, NK. 2023. COP27: a summit of more misses than hits. Environmental Sustainability. 6. DOI: 10.1007/s42398-023-00261-0.

xii. Egamberdieva, D., Eshboev, F., Shukurov, O., Alaylar, B., & Arora, NK. 2023. Bacterial Bioprotectants: Biocontrol Traits and Induced Resistance to Phytopathogens. Microbiology Research. DOI: 10.3390/microbiolres14020049.14(2), 689-703

xiii. Mishra, P., Mishra, J., & Arora, NK. 2023. Biofortification revisited: addressing the role of beneficial soil microbes for enhancing trace elements concentration in staple crops. Microbiological Research. DOI: 10.1016/j.micres.2023.127442. 127442

Prof. Shikha

Devesh Vishwakarma, Shalu Rawat, Deepa Kannaujiya, Shikha, Brijesh Shukla (2024) Adsorption of malachite green 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, 17:152, Saudi Society for Geosciences and Springer Nature Switzerland AG 2024, (https://doi.org/10.1007/s12517-024-11964-x)

Prof. Venkatesh Dutta

i. Dubey, D., Kumar, S., &**Dutta, V.** (2023) Anthropogenic disturbances influence mineral and elemental constituents of freshwater lake sediments. *Environmental Monitoring and Assessment*, 195(12), 1459. **(IF: 3.10)**
ii. Singh, D., Shukla, A. K., Pandey, G., &**Dutta, V.** (2023). Effect of SARS-CoV-2 (Covid-19) on physicochemical parameters of Gomti River, Uttar Pradesh, India: Temporal variations and correlation. *Journal of Earth System Science*, 132(3), 138. **(IF: 1.9)** (ISSN: 0973-774X)
iii. Pratap, B., Kumar, S., Nand, S., Azad, I., Bharagava, R. N., Ferreira, L. F. R., &**Dutta, V.** (2023) Wastewater generation and treatment by various eco-friendly technologies: Possible health hazards and further reuse for environmental safety. *Chemosphere*, 313, 137547. **(IF: 8.943)** (ISSN: 1879-1298)
iv. Pratap, B., &**Dutta, V.** (2023) Assessment of wastewater quality discharged from common effluent treatment plant (CETP) and its impact on irrigated soil around Jajmau, Kanpur, India. *Indian Journal of Ecology*, 50(2), 526-531.

Prof. Narendra Kumar

i. 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*. (**Accepted)**
ii. Anita, Mahiya Kulsoom, Aneet Kumar Yadav, Monu Kumar, Kamla Pat Raw, **Narendra Kumar** (2024) Mobility of heavy metals present in industrial and municipal sludge and their phytotoxicity assessment during early seedling growth of *Hibiscus cannabinus*. *Journal of the Indian Society of Soil Sciences*. (**Accepted)**
iii. 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.* (**Accepted)**
iv. Mahiya Kulsoom, Anita, Aneet Kumar Yadav, Monu Kumar, Kamla Pat Raw, Apurv Chhavi, Sunita Mishra, **Narendra Kumar** (2023). Fluoride removal from drinking water using chemically modified biosorbent prepared from *Citrus limetta*: Chemical characterization and process optimization. Water Air Soil Pollution. http://doi.org/10.1007/s1127-023-06628-7.
v. Aneet Kumar Yadav, Abhay Kumar Singh, Aaditya Chaturvedi, Dhananjay Kumar, Vertika Shukla, Sanjeev Kumar, **NarendraKumar** (2023). Hydrochemical investigation of groundwater quality for drinking and irrigational purposes from industrial belt of Jharkhand, India. Environmental Quality Management. http://doi:10.1002/tqem.22123 .
vi. Lone Rafiya Majeed, Lone Fawad Majeed, Sumaira Rashid, Sartaj Ahmad Bhat, **NarendraKumar**, Vineet Kumar (2023) Intensification of contaminants, hydrology, and pollution of hyporheic zone – the liver of river ecology: A Review. Environmental Sustainability. http://doi.org/10.1007/s42398-023-00290-9
vii. Ambrish Kumar Srivastava, Abhishek Kumar, Harshita Srivastava, Saurabh Pandey, **Narendra Kumar,** Goutam Brahmachari& Neeraj Misra (2023): Molecular Dynamics and Quantum Chemical Studies on Piperine, a Naturally Occurring Alkaloid, Polycyclic Aromatic Compounds, http://DOI:10.1080/10406638.2023.2237631

Dr. N.K.S. More

I. Rajneesh Kumar Gautam, Dimuth Navaratna, Nuwan Vithanage, Nandkishor More , Shobha Muthu kumaran, 2024. Biomethane recovery performance and microbial community dynamics of a high-biomass submerged AnMBR (HBSAnMBR) treating abattoir wastewater., Biochemical Engineering Journal,

Dr. Jiwan Singh

i. Bhan, C., **Singh, J.,**Sahhu, N., Koduru, J.R.,2023. Reutilization of carbon of waste filter cartridge after its surface modification for the fluoride removal from water by continuous flow

process. **Environmental Science and Pollution Research (IF=5.8) Published online 08/07/2023. SCIE**

ii. Shukla, B. K., Rawat, S. Gautam, M. K., Bhandari, H., Garg, S., **Singh, J.,** 2023. A sustainable approach for the removal of toxic 4-nitrophenol by a visible light active Bi2MoO6 nanomaterial synthesized via continuous flow method. **Reaction Kinetics, Mechanisms and Catalysis 136, 1737–1755 IF= 1.8**, ISSN: 1878-5204 **SCIE**

iii. Kanaujiya, N., Rawat, S., **Singh, J.,** 2023. Oxidative chemical pretreatment by piranha solution for enhanced methane yield of wheat straw: Mechanism and kinetic study. **Waste Disposal & Sustainable Energy** (In press) https://doi.org/10.1007/s42768-023-00151-5 (Scopus Indexed) springer **E. ISSN:** 2524-7891.

iv. Kanaujiya, N., Rawat, S., **Singh, J.,** 2023. Chemical pretreatment of rice straw and wheat straw to reduce the recalcitrant structure: A comparative study with different chemicals for biogas production and kinetic study. **Nature Environment and Pollution Technology**. Vol. 22, No. 3 (September), Year 2023 (Scopus Indexed)

Dr. Shailendra Kumar Yadav

i. Priyadharshini Babu, Vaishali Verma, Swapna Sarika Khadanga**, Shailendra Kumar Yadav**, Dudam Bharath Kumar, Ayushi Gupta. Exploring the association between air pollution and spontaneous abortion through systematic review and bibliometric analysis. *Air Qual Atmos Health* **17**, 1107–1133 (2024). https://doi.org/10.1007/s11869-023-01491-1 (IF=3.4)

13. Participated/ Paper Presented in conferences/seminar/workshop inside country.

Prof. Naveen Kumar Arora

i. Prof. Naveen Kumar Arora felicitated and delivered Keynote Address at National Conference on "Recent Advances in Plant Science Research" on 17th November 2023 held at Kakatiya University, Warangal, Telangana.

ii. Prof. Naveen Kumar Arora delivered Keynote Address at 2nd International Conference on "Recent Advances in Horticulture Research" on 15th -17th February 2023 held at Amity University, Noida, India.

Prof. Venkatesh Dutta

i. Key-note Speaker, 'River Rights for Protecting the Riverine Ecosystems', the 3rd International Conference on 'River Health: Assessment to Restoration (RHAR 2023)' at IIT-BHU, Varanasi, Oct. 12-14, 2023.

ii. 'River Health - Assessment to Restoration', Pre-conference workshop, Department of Civil Engineering, BBAU in association with IIT, BHU, Varanasi on 15th September, 2023.

Prof. Narendra Kumar

i. Health assessment of River Basuhi with reference to heavy metal contamination in Jaunpur, UP, India, River health: assessment to restoration (RHAR), Department of Civil Engineering, IIT, BHU, 12-14, Oct, 2023

ii. Application of chemically modified coalmine waste for fluoride management in drinking water, 4th World Environment Summit 2023, Galgotias University Greater Noida, U.P. 4-6th November 2023

Dr. N.K.S. More

Organized **Regional Conclave on Climate Change, Impacts and Challenges (UP, MP, Rajasthan)** at Hotel Ranvir's, Viram Khand, Gomti Nagar, Lucknow, 13th – 15th March 2024 in collaboration with Action Aid Association, India and Vigyan Foundation, Lucknow.

14. Attended/participated in conferences/ seminar/workshop outside country

Dr. Shailendra Kumar

i. Attended the three-day workshop on Environmental Pollution Predictions and Apportionment of Sources using Computational Modeling Techniques under the CSIR Integrated Skill Initiative Program organized at CSK Campus, CSIR-IITR, August 16 – 18, 2023.

ii. Attended the UGC-sponsored Guru Dakshta(Faculty Induction Programme) organized by HRDC, University of Lucknow, Sept 04, 2023- Oct 03, 2023.
iii. Attended the Research Facility Training Program on "Atmospheric Pollution Monitoring and Computational Modelling Tools" under the sponsorship of the Science and Engineering Research Board at CSIR- Indian Institute of Toxicological Research, Lucknow, which is held on October 26th, 2023.
iv. 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.

15. Details of invited lectures inside country.

Prof. Naveen Kumar Arora

i. Prof. Naveen Kumar Arora felicitated and delivered Keynote Address at National Conference on "Recent Advances in Plant Science Research" on 17th November 2023 held at Kakatiya University, Warangal, Telangana.
ii. Prof. Naveen Kumar Arora delivered Keynote Address at 2nd International Conference on "Recent Advances in Horticulture Research" on 15th -17th February 2023 held at Amity University, Noida, India.

Prof. Venkatesh Dutta

i. Invited Lecture, "*Reviving the water bodies of Indo- Gangetic plains – Plans and strategies*", Training on Rejuvenating our lakes, Centre for Science and Environment, New Delhi, December 19, 2023
ii. Key-note Lecture, "*Rejuvenating 75 Rivers of Ganga Basin: A Strategic Approach*", National Conference on Recent Trends & Challenges in Green Chemistry, Pollution Control and Climate Change (GPCC - 2023), organized jointly by CSIR-NBRI and National Environmental Science Academy (NESA), New Delhi, 14-16 December 2023
iii. Invited lecture, "*River pollution and river restoration in India*", Management Development Program (MDP) at IIFM, Bhopal, 4th December 2023
iv. Invited lecture "*Mainstreaming Groundwater Management into City's master plan: Meeting the over extraction, recharge and quality challenges*", Online Webinar on Groundwater Management for Climate Resilient River Cities, School of Water and Waste, Centre for Science and Environment (CSE), New Delhi, October 16, 2023
v. Invited Speaker, "*Best Practices in Small River Rejuvenation*", Blended Capacity Building Programme for Stakeholders of River Ganga, National Mission for Clean Ganga (NMCG), Indian Institute of Public Administration, New Delhi, 21st September, 2023
vi. Invited Speaker, "*The Urban Stormwater Management Challenge- What needs to be done*", Centre for Science and Environment (CSE), New Delhi, 24th August 2023
vii. Invited Speaker, "*Water and treated used water connection: The opportunity for augmented water conservation and management*", The Policy and Practice Forum 2023, Annual International Meet on Inclusive and Affordable Water and Sanitation Solutions for a Climate-Resilient World: Working Towards a Paradigm Shift in The Global South organized by Centre for Science and Environment (CSE) in association with Water Research Commission (WRC), International Water Association (IWA), Faecal Sludge Management Alliance (FSMA), Deutsche Gesellschaft FuerInternationaleZusammenarbeit GmbH (GIZ), National Faecal Sludge and Septage Management (NFSSM) Alliance and Columbia University, April 26, 2023

Dr. N.K.S. More

i. Delivered Keynote Address on **Environmental Clean Up Technology: Biologists Approach for Water Security**.in the inaugural session of **National conference on 'Innovation and Entrepreneurship: A Magic Bullet to Industrial Revolution through advancement in Biological, Physical and Mathematical Sciences'** organized by SAC Incubation cell, St. Andrew's College, Gorakhpur, UP from 31st October & 1st November, 2023 at Gorakhpur, UP.
ii. Deliverd invited talk on Environmental Clean Up Technologies : Interdisciplinary Approach to Global Sustainabilityin the International Conference on Environmental Challenges in the Global Scenario on 27th January 2024 held at Dr

Ambedkar College, Chandrapur, affl. to Gondwana University, Gadchiroli. M.S.

iii. Delivered Lead Lecture on Arsenic Removal Potential of Microbial Consortium Along with *Phragmites karka* by Wetland Design and Construct from Arsenic Contaminated Water at 64th Annual International Conference of Association of Microbiologists of India - 2023 Microbes for LiFE: A strategy for well-being (MLiFE-2023) held at Bundelkhand University, Jhansi from 1st to 3rd December 2023.

iv. **D**elivered one invited lecture as a resource person to the participants of Environment Studies & Sustainable Development (ID) Online Refresher Course in Research Methods on 06/10/2023 in Afternoon session organized by Human Resource Development Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.(M.S.) NAAC Reaccredited 'A'.

v. Delivered two invited lectures on 22nd August 2023 in the ***Refresher Course on Sustainable Development from 21st August to 4th September 2023***.on the core theme Development and its implications on Environmental Sustainability and Human Societyatthe UGC-Human Resource Development CenterDr.Babasaheb Ambedkar Marathwada University, Aurangabad-431004.

Dr. Rajesh Singh

i. **Dr. Rajesh Singh** delivered a invited lecture on "Wastewater Treatment" at the School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar

ii. **Dr. Rajesh Singh** delivered a invited lecture on "Ecoengineering Technology: Ecotechnology" at the School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar on 01.12.2023.

iii. **Dr. Rajesh Singh** has acted as Resource Person for Two session/s on the topic/s "Bio-electrochemical System" & "SDGs Through Waste Water Treatment" from 2:00 PM to 3:30 PM and 3:40 PM to 5:10 PM on 12-Jul-23 in UGC sponsored Two-weeks Online (Live Mode) Interdisciplinary Refresher Course on "Environmental Studies" conducted by UGC-HRDC, GJUS&T, Hisar w.e.f. 03-Jul-2023 to 15-Jul-2023.

Dr. Shailendra Kumar Yadav

i. Invited as speaker at the "4th International Conference on Futuristic and Sustainable Aspect in Engineering and Technology (FSAET-2023) organized by the Department of Civil Engineering, GLA University, Mathura, held on November 28th – 30th, 2023.

ii. Invited as Session Chair at the "4th International Conference on Futuristic and Sustainable Aspect in Engineering and Technology (FSAET-2023) organized by the Department of Civil Engineering, GLA University, Mathura, held on November 28th – 30th, 2023.

iii. Invited as speaker the Research Facility Training Program on "Atmospheric Pollution Monitoring and Computational Modelling Tools" under the sponsorship of the Science and Engineering Research Board at CSIR- Indian Institute of Toxicological Research, Lucknow, which is held on October 26th, 2023.

16. Details of National Awards/fellowship

Prof. Naveen Kumar Arora

i. Prof. Naveen Kumar Arora received "Rural Innovators Award" by Vigyan Bharti and Global Indian Scientists & Technocrats Forum (GIST) at GIST Meet & Young Scientists Research and Innovation Conference held at National Agricultural Science Complex, New Delhi.(31-2 June 2023)

ii. Prof. Naveen Kumar Arora received "Research and Academic Excellence Award" in the discipline of Life Sciences, by BBA University, Lucknow, India. (26 January 2024)

17. Details of Research Projects (major and minor)

Prof. Naveen Kumar Arora

i. Prof. Naveen Kumar Arora did project entitled "*Science Technology and Innovation Hub in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh)*" (2020-2024) with total fund of Rs 4.088 crores funded by DST, New Delhi

ii. Prof. Naveen Kumar Arora did project entitled "*Novel biochar and rhizobacteria based bioinoculant for sustainable production of healthy food from stressed agro-ecosystems*" (2021-2024) with total fund of Rs 13.48 lakhs funded by DST, New Delhi

iii. Prof. Naveen Kumar Arora did project entitled *"Development of a resilient microbial*

product to enhance rice yield in saline soils" (2022-2024) with total fund of Rs 26.24 Lakhs funded by DBT- BIRAC

Prof. Venkatesh Dutta

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

Prof. Narendra Kumar

i. Environmental Dynamism of Microplastics in Rive Gomti (Draining Ganga Alluvial Plane): An integrated approach to identify source, fate, effects and control strategies" under EEQ ongoing with total fund of Rs. 34 Lakhs approximately for three years duration, funded by SERB, New Delhi.

ii. "Development of 3-E defluoridation assembly for sustainable removal of fluoride from drinking water", under CRG ongoing with total fund of Rs. 34 Lakhs for three years duration, funded by SERB, New Delhi

18. Details of Patents filed/awarded

Prof. Narendra Kumar

Narendra Kumar, Aneet Kumar Yadav, Vertika Shukla, Sunita Mishra, Anita, Dhananjay Kumar Sanjeev Kumar, Ritu Singh, Shilpa Pandey, Munendra Singh. A process for preparing bio-geo-adsorbent for fluoride removal from drinking water. The Patent Office, GoI, New Delhi. PatentNo.444346.

19. Students achievements

I. Accomplishments of Students

Number of student completed their Masters/Graduation/Diploma	M.Sc.	18
Number of student selected in civil services (UPSC/UPPSC),	-	-
Details of students selected for teaching in higher education.	-	02
Number of student pursuing higher studies	-	02
Number of student selected on Other government jobs/banking/school teaching etc	-	-
Number of student awarded SLET/NET/JRF/any other fellowship	-	UGC-NET
Details of the Publications of the students (Books/Article/Books' chapter)	-	-
Any Other Special achievement recorded by the students	-	-

- **Pursuing/submitted in Ph.D. Environmental Science programme**

Sr.No.	**Name of the Students**	**Date of Registration**	**Supervisor (s)**	**Ph.D. Title**	Fellowship availed/ availing
1	Pradeep Kumar (submitted)	18/08/2015	Prof. Rana Pratap Singh	Heavy Metal Contamination of Agroecosystem and Role of Plant Growth Promoting Microbe (PGPMs) in Bioremediation of Heavy Metals and Organophosphate Pesticide	UGC-NFSC

2	Divya Dubey (submitted)	16/01/2017	Prof. Venkatesh Dutta	Trophic States of Freshwater Lakes and their Relationship with Algae and Macrophytes	UGC-JRF
3	Dipti (submitted)	17/01/2017	Prof. Rana Pratap Singh	Studies on Contamination of Heavy metals on Microbial Community Structure of Agroecosystem in the Vicinity of Lucknow (India) and Associated Environmental Hazards	UGC-NFSC
5	Ashvani Kumar Chaudhari (submitted)	9/10/2017	Prof. S.K. Dwivedi	Green synthesis of nanoparticles from plants: Its application in plant pathogen management	Non NET Fellowship
6	Pawan Kumar	10/10/2017	Prof. Rana Pratap Singh	Heavy Metal Contamination of Agroecosystem and Role of Plant Growth Promoting Microbe (PGPMs) in Bioremediation of Heavy Metals and Organophosphate Pesticide	DBT-JRF
8	Suresh Kumar (submitted)	13/10/2017	Prof. S.K. Dwivedi	Assessment and chemical characterization of atmospheric particulate matter in Lucknow city, Uttar Pradesh, India	Non NET Fellowship
9	Priyanka	13/10/2017	Prof.S.K. Dwivedi	Remidiation of Heavy metals by selected multi-metal tolerant Fungi isolated from Tannery wastewater	Non NET Fellowship
10	Bhanu Pratap	13/10/2017	Prof. Venkatesh Dutta	Assessment of Wastewater Irrigation and its Impact on Plant Growth Parameters of Selected Vegetables and Cereal Crops’	Non NET Fellowship

11	Ajay Raj Tripathi (submitted)	16/10/2017	Prof. S.K. Dwivedi	Management of *Macrophominaphaseolina*causingcharcoal rot disease in soybean crop	UGC-NFPwD
12	Priya Mishra	10/8/2018	Prof. Naveen Kumar Arora	Salt-tolerant fluorescent Pseudomonads for the biofortification of wheat under saline condition	Non NET Fellowship
13	Nikita Kanaujia	13/08/2018	Dr. Jiwan Singh	Significance of Pretreatment of Lignocellulosic Biomass for Biogas Production"	UGC-NFSC
14	Mahiya Kulsoom (submitted)	16/08/2018	Prof. Narendra Kumar	Fluoride removal rom groundwater by adsorption technology	Non NET Fellowship
15	Priyanka Verma	16/08/2018	Prof. Naveen Kumar Arora	Evaluation of salt tolerant fluorescent pseudomonads for antibiotic production and their role in biocontrol of Fusarium oxysporum causing wilt in tomato (*Solanum lycopersicum)*	UGC- JRF
16	Chanda Bharti	23/08/2018	Prof. Naveen Kumar Arora	Evaluation of salt-tolerant endophytic diazotrophs with ACC deaminase activity for enhancing the yield of Rice (Oryza sativaL.) under saline conditions	UGC-JRF
17	Ankita Bhattacharya	24/08/2018	Prof. Naveen Kumar Arora	Diversity of bacterial endophytes from Brassica juncea and their plant growth promoting attributes under saline conditions	UGC- JRF
18	Sonam Gupta	31/08/2018	Prof. Rana Pratap Singh	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	DAIC

				agriculture	
19	Anita	31/08/2018	Prof.Narendra Kumar	Cultivation of Hibiscus cannabinus in industrial sludge amended soil: Efficacy evaluation of phytoremediation potential, plant yield and bio-oil productivity"	UGC-NFSC
20	Anit Kumar Yadav	050/8/2019	Prof.Narendra Kumar	Eco-chemical health assessment of River Bashuhi; a major tributary of River Varuna and ground water analysis in Jaunpur district with its effects on human health	Non NET Fellowship
22	Devesh Vishwakarma	01/02/2021	Prof. Shikha	Biopolymer-based dye removal from colored textile wastewater	Non NET Fellowship
23	Kamlapat Raw	25/01/2021	Prof.Narendra Kumar	Application of biofuel crops for restoration of soil contaminated with industrial waste	UGC-NFSC
24	Sneh Lata	22/01/2021	Prof.Rana Pratap Singh	Assessment of enhanced soil and crop biodiversity on economic and ecological benefits of sustainable agriculture	Non NET Fellowship
25	Deepa Kannaujiya	25/01/2021	Prof. Shikha	Boiremediation of Cr(VI) contaminated water by microbes isolated from chromite contaminated sites	Non NET Fellowship
26	Pooja Adwani	20/02/2023	Dr Jiwan Singh	Ph.D course work	Non NET Fellowship
27	Roshnia Bajaj	13/02/2024	-	Ph.D course work	Non NET Fellowship
28	Vartika Anand	14/02/2024	-	Ph.D course work	Non NET Fellowship

- **Ph. D Awarded during the year.**

Sr. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing

1	Kashifa Iqbal	Prof.Venkatesh Dutta	-	Variable flow regimes and their role in diversity of habitats and fish community structure in a tropical river	DST-INSPIRE
2	Chandra Bhan	Dr. Jiwan Singh	Prof Yogesh Chandra Sharma, BHU, UP	Synthesis of adsorbents from natural and waste materials and its application in removal of fluoride from an aqueous solution and ground water	UGC-JRF
3	Dig Vijay Singh	Prof. Rana Pratap Singh (Rtd.)	-	Utilization of Multispecies Microalgal Biosystem for Wastewater Remediation and Biofuel Production	UGC-Non NET Fellowship

20. Google profile of the faculty members ;

	All	**Since 2019**
Prof. S.K. Dwivedi		
Citations	1855	1285
h-index	24	18
i10-index	49	30
Prof. Naveen Kumar Arora		
Citations	10503	9028
h-index	56	52
i10-index	120	110
Prof. Shikha		
Citations	1425	959
h-index	17	13
i10-index	21	20
Prof. Venkatesh Dutta		
Citations	1380	1200
h-index	18	17
i10-index	36	35
Prof. Narendra Kumar		
Citations	1669	1197

h-index	20	19
i10-index	35	31
Dr. N.K.S. More		
Citations		
h-index		
i10-index		
Dr. Rajesh Singh		
Citations	1553	759
h-index	20	16
i10-index	26	23
Dr. Jiwan Singh		
Citations	4163	3145
h-index	33	27
i10-index	67	57
Dr. Shailendra Kumar Yadav		
Citations	58	58
h-index	5	5
i10-index	2	2

School of Education

The School of Education has been established to address the felt need of the country in the 21st Century in relation to empowerment of teachers. Efforts are under way to implement various programmes ranging from Certificate to Diploma and Bachelor to Master and Ph.D. in the discipline of Education. There are three Departments– (i) Department of Education (ii) Department of Physical Education and (iii) Department of Continuing Education & Community Services under the School of Education to cater to the needs of teacher educators and educational researchers to conduct research and practice innovations in the field of Education. The primary reference point for designing and delivering the programmes are at par with the felt needs, aspirations and demands of the society. Presently under the School of Education, Department of Education is functioning and the other two departments are under the process of development. The goal of School of Education is to help pupil teachers and students to inculcate humane values to become professionally capable for the same, School of Education focuses on the development of cognitive-creativity using innovative, critical and techno-pedagogical skills.

Department Of Education

The Department of Education is established under the School of Education with the goal of providing dynamic, techno savvy future oriented individuals with indigenous thoughts who are ready to lead the nation to new heights. The department is dedicated to the goals of integrating technology and Indian philosophy and culture and aims to develop inclusive cordial atmosphere that provides platform for nurturing the inherent talents of individuals. The Department focuses on the discipline of Education, Teacher Education and training the leaders and researchers in the field of education. The department provides academic programmes that reiterate innovative teaching, experiential and participatory learning, blended learning, community engagements and extensions. The curriculum is redesigned, restructured and revamped in the light of NEP 2020 with special emphasis on Indian Knowledge System. While efforts are under the way to implement programmes ranging from Certificate to Diploma and P.G. Diploma, Bachelor, Master and Ph.D. in the discipline 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 Department offers under graduate, post graduate and doctoral progrmmes with high emphasis on research and pedagogy.

Short term and long term goals

Short term goals

- Designing highly employable Innovative Programmes
- Developing Curriculum for School Education
- Practicing Pedagogical Innovations
- Promoting Action Research
- Community Outreach

Long term goals

- Extension of Minimum Levels of Learning Competencies from primary stage to upper primary, secondary and senior secondary stage.
- Setting National standard for Twelve Years of School Leaving Certificate
- Supporting National and State level Educational Policy for Inclusive development
- Linking Policies with educational practices
- Promoting Indigenous Research
- Centre of Excellence in School Education

1. **Coursesoffered**

- Bachelor of Education (B. Ed)
- M.A. Education
- M.Ed.
- Ph.D. Education

2. **FacilitiesavailableintheDepartment.**

- Computer Lab
- Departmental laboratory

3. Detailsoffaculty.

i. Prof. Harishankar Singh, Professor, Head
Specialization: Teacher Education, Philosophy & Sociology of Education, Environmental Education, Educational Administration and Management etc.
Qualification: M.A., M.Ed., Ph.D.

ii. Prof. Raj Sharan Shahi, Professor, Dean
Specialization: Educational Technology, History of Education, Sociology of Education, Teacher Education, Pedagogy of Education
Qualification: Ph.D., M.Ed., M.A.

iii. Dr.B. S. Gupta,Associate Professor
Specialization: Educational Philosophy, Educational Research, Educational Administration, Measurement &Evaluation, Yoga Education, Curriculum Development etc.
Qualifications:M.Ed., NET,Ph.D.

iv. 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

v. Dr. Victoria Susan Ijjina, Assistant Professor
Specialization: Information and Communication Technology (ICT), Value Education, Pedagogy of Science, 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

vi. Dr. Sangeeta Chauhan
Designation- Assistant Professor, Department Of Education, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow
Specialization- Pedagogy Of Mathematics, Research Methodology, Measurement And Evaluation, Teacher Education, Educational Administration And Management, Educational Technology
Qualification- M.Sc. (Mathematics), M.Ed., M.Phil. (Education), Ugc-Net (Education) Ph.D. (Education)

vii. **Dr.RajeshEkka,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)

viii. Dr. Lalima, Assistant Professor
Specialization: Educational Psychology, Measurement and Evaluation, Teaching of Biological Science
Qualification: M.Sc., M.A., M.Ed., Ph.D.

ix. 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

x. Dr. Shikha Tiwari, Assistant Professor
Specialization: Educational Psychology, English Pedagogy, ICT, Teacher Education
Qualification: Ph.D., M.Ed., B.Ed., M.A., UGC-NET (JRF)

xi. Dr. Meena Vishweshwar Rakshe, Assistant Professor
Specialization: Education Psychology, Hindi Pedagogy, ICT, Yoga, Teacher Education, Guidance Counseling
Qualification: Ph.D., M.Ed., B.Ed., M.A., UGC-NET

11. **Members/fellowship of professional/Academic bodies/editorial board *(Kindly don't furnish confidentialwork)***

i. 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 Governer of Uttar Pradesh
- Mentor appointed by Uttar Pradesh Higher Education Council for preparation of SSRforAssessment and Accreditation ofNAAC.
- Member- Faculty Board of Education Raja Mahendra Pratap Singh State University Aligarh
- Member I.Q.A.C Steering Committee BabasahebBhimrao 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 BabasahebBhimrao 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

ii. Dr. Victoria Susan Ijjina

- Member- AIAER, Member - IATE

iii. Dr. Lalima

- Life membership of Bhartiya Shiksha ShodhSansthan, Lucknow, Life membership of learning community

iv. Dr. Meena V. Rakshe

- Member- AIAER
- Member of Alumini in BBAU, Lucknow

12. Details of the Seminar/Conference/Webinar organized by the Department.

i. Dr. Vivek Nath Tripathi organized National Seminar on 10-11 August 2023 on the Topic of सुकन्या समृद्धि योजना से आच्छादित परिवारों का उनके शैक्षिक, सामाजिक एवं पारिवारिक दायित्वों के निर्वहन पर पड़ने वाले प्रभाव का अध्ययन sponsored by ICSSR, New Delhi

ii. Dr. Subhash Misra organized National Seminar on 7-8 March 2024 on the Topic of Nirgun Kavyadhara Evam Ekatmkatakesandarbh me Mahayogi Goraknath our Sant Kabir Ka Yogdan, Organised by Department of Education, BBAU, Lucknow on 14th December 2023.

13. Other Departmental level Academic Activities

i. (Academic activities that includes lectureseries, guest lectures etc, details about essay/quiz competition etc)

ii. Departmental Council election in the Department of Education on October 2023.

iii. Detailsofco-curricular/Extra-curricular/sportsActivities(celebration of the various important day,sportsevents,cultural programmes,plantation drive etc)

iv. Cultural programs organized by students on various occasions like Teachers day, Welcome Party, Farewell Party, Republic Day etc; Plantation drives.

14. Details of Books written/edited by faculty members

Prof. Harishankar Singh

Yoga Spectrum, Dr. Amarjeet Yadav, Prof. (Dr.) Harishankar Singh, Prof. (Dr.) Sohan Raj Tater, Rudra Publication, 2024, 978-93-9423-94-2

15. Details of Book Chapter in edited volume/conference volume.

Prof. Harishankar Singh

i. Bhartiya Gyan Parampara ka udhav or Vikas, Indian Knowledge System and Experiential Learning: Holistically Interconnected, 2024, ISSN: 978-9937-9715-1-5, Kalindi Prakashan
ii. Humanities and Social Science studies, Educational Socialization with Respect to Relationships and Ideologies, 2023, 2319-829X, Humanities and Social Science studies
iii. Humanities and Social Science studies, Examining the Digital Divide Among Pupil Teachers in Secondary Teacher Training Institution: An Investigation, 2023, 2319-829X, Humanities and Social Science studies
iv. Indian Journal of Psychology, Assessing the Online Teaching Preparedness of Pupil Teachers in Secondary Teacher Training Institutions a Study, 2023, 0019-5553, Indian Psychological Association
v. Indian Journal of Psychology, Analyzing the Digital Divide among Pupil Teachers in Secondary Teacher Training Institutions of Comprehensive Enquiry, 2023, 0019-5553, Indian Psychological Association
vi. New Vision for Tribal Empowerment in India, Empowering Scheduled Traibes through Experiential Learning: A Path to Holistic Development, 2024, 978-93-94964-47-1, Paragon International Publisher
vii. Indian Knowledge Tradition and NEP 2020, Life Skills and Experiential Learning: Nurturing Competence for Holistic Development, 2024, 978-81-973025-3-4, Genic Books Publisher Pvt. Ltd.

Dr. B.S. Gupta

i. Gupta, B.S. (2024) 'Prachin Bhartiya Vagyanik Gyan Parampara evm Yoga' in the book "Satata Bhavishya keliye Swadeshi Gyan Pranali, Azamgarh: Kalindi Prakashan. ISBN-9789937971508.
ii. Gupta, B.S. (2024) 'RashtriyaShaikshikAnusandhan aur Prashikshan Parishad-1961' in the book "Bhartiya Shiksha ka Itihas, Kanupr: Sankalp Prakashan. ISBN- 9789391435738.
iii. Gupta, B.S. (2024) 'Kala kekshetra men Mahilaon ki Bhumika' in the book "Bhartiya Shiksha ka Itihas, Kanupr: Sankalp Prakashan. ISBN- 9789391435677.
iv. Gupta, B.S. (2024) 'Vartman Shiksha Pranali men SamajikevmSanskritik Mulya ki prasangikta' in the book "Mulya evm Shanti Shiksha, Azamgarh: Kalindi Prakashan. ISBN-9788196642020.

Dr. Victoria Susan Ijjina

i. Pandey, N & Susan, V.I. (2024). Role of Women in the Development of Culture, Education and Society. Shiksik Vikas Aur Nari. Katmandu: Hindi Kendriya Vibhag, Tri Bhuvan University. 978-9937-9649-3-7.
ii. Susan, V.I. & Mamata. (2023). Pandemic to Endemic: Perceptions of Teacher-Trainees on Challenges of Education. *Journal of Chemical Health Risks.* 13(4). ISSN:2251-6727. 115-118. (Scopus Indexed).

Dr. Lalima

Peer review of articles for the Journal *Journal of Education, Society and Behavioural Science(certificate attached)*

Dr. Shikha Tiwari

i. Tiwari Shikha (2023) Fostering Values: The Crucial Role of Teachers in Inculcating Values in Students. NEP 2020: Expectations and Probalities. Ganga Prakashan, Delhi, ISBN978-93-5514-690-8
ii. Tiwari Shikha (2024), Digital metamorphosis: Unravelling the effects of digital transformation on social interaction. Futuristic Trends in Social Sciences. IIP Publishers. ISBN-978-93-5747-335-4
iii. Tiwari Shikha (2024), Striking the Right Balance between Independence and Guidance for Effective Value Inculcation. Mulya awam Shanti Shiksha. Kalindi prakashan, ISBN978-81-966420-2-0

Dr. Meena V. Rakshe

Rakshe Meena (2024) Swatantra Bharat me Prathmik Siksha ka Vikas: Blue Duck Publication, Srinagr, J.K. ISBN: 978-9393096-19-0

16. **Paper Published during the year by the faculty members**

Prof. Harishankar Singh

i. *An Attitude of B.Ed. Trainees on Bullying: A study of Two Central Universities Located in Uttar Pradesh, Sonali Jaiswal & Prof. Harishankar Singh, IJCRT.ORG, 2024, 2320-2882*

ii. *Training the Students to be upstanders not just by standers, Sonali Jaiswal & Prof. Harishankar Singh, Association of Indian Universities, 2024, 0566-2257*

iii. International Journal of Humanities and Social Science Invention, Vol. 13- Issue 04, April 2024, Peer Reviewed Refered Journal, ISSN 2319-7722

iv. National Journal of Education, A Half yearly Peer Reviewed Refereed Educational Research Journal, Vol. 21 Issue-16, June 2023, ISBN-2229-3841

Prof. Raj Sharan Shahi

- राष्ट्रीय शिक्षा नीति 2020: भाषा शिक्षा के प्रश्न, परिदृश्य, प्रतिबद्धताएं एवं प्रयास, भाषा पत्रिका केंद्रीय हिंदी निदेशालय , उच्चतर शिक्षा विभाग भारत सरकार शिक्षा मंत्रालय , सितम्बर – अक्टूबर 0972-5636

Dr. B.S. Gupta

i. Gupta, B. S. (April, 2023), Maadhyamik Star keVidyaarthiyonkeVidyaalayeeyVaataavaran ka ShaikshikUpalabdhi par Prabhaav ka Adhyayan. Shodh Disha, a UGC-CARE Listed Journal (ISSN: 0975735X).

ii. Gupta, B. S. (June, 2023), Rashtriya Shiksha Neeti-2020 kepariprekshya men Bharatiy Shiksha paramparaevam Shashvat Mulya. Shodh Disha, Agra: Kendriya Hindi Samsthan. P-253-258, 62, ISSN 0975-735X.

iii. Gupta, B. S. (Oct., 2023), Raashtreey Shiksha Neeti keParidrshymeinPraarambhikBaalyaavasthakee Shiksha evam Yoga. Education and Society, A UGC-CARE Listed Journal (ISSN: 22786864).

iv. Gupta, B. S. (Oct., 2023), A study of Adjustment and Mental Health of Hostellers and Day Scholars of Higher Education Institutions. Satraachee, A UGC-CARE Listed Journal (ISSN: 23488425).

v. Gupta, B. S. (Dec, 2023). Self-Esteem and Interest in Teaching among Secondary Teacher Trainees. Rabindra Bharati Patrika, A UGC-CARE Listed Journal (ISSN: 09370037).

Dr. Subhash Misra

i. Shukla, Komal & Misra, Subhash (2023). Unveiling Techno-pedagogical Competencies: A Study of English Pedagogy Teacher Trainees of the Secondary Level, SATRAACHEE, ISSN. 2348-8425, Issue-27, Vol.39, No.04, April-June 2023. (UGC-CARE listed Journal).

ii. Tripathi, Navneeta & Misra, Subhash (2023). Impact of Professional Capacities on Leadership Capacities: A study of Teacher Trainees of Secondary level in Lucknow District in SATRAACHEE, ISSN. 2348-8425, Issue-27, Vol.39, No.04, April-June 2023. (UGC-CARE listed Journal).

iii. Iqbal, Zaffer& Misra, Subhash (2023). Occupational Aspiration Among Gujjar Pastoralists: A Cpmarative Study of Male and Female Secondary School Students of Rajouri District of Jammu and Kashmir. ISSN. 2348-8425, Issue-27, Vol.39, No.04, April-June 2023. (UGC-CARE listed Journal).

iv. Iqbal, Zaffer& Misra, Subhash (2023). Socio-Cultural Perspectives of Education among Gujjars of Jammu and Kashmir: A Study of Rajouri District, Published in Bhartiya Shikha Shodh Patrika, ISSN.No. 0970-7603, Vo. 42, Issue 2 (II), July-December 2023 (UGC-CARE listed Journal)

v. Misra, Subhash, Balmiki, Rahul & Tiwari, Shikha (2023). Conceptual Understanding and Implementation of Choice-Based Credit System (C.B.C.S.): A Critical Analysis, Published in SATRAACHEE, ISSN. 2348-8425, Issue-28, Vol.40, No.03, July-September 2023. (UGC-CARE listed Journal).

vi. Shukla, Komal & Misra, Subhash (2023). Technological Pedagogical Content Knowledge (TPACK) among Teacher Educators: An Empirical Investigation, Published in

SATRAACHEE, ISSN. 2348-8425, Issue-28, Vol.40, No.03, July-September 2023. (UGC-CARE listed Journal).

vii. Tripathi, Navneeta & Misra, Subhash (2023). Examining the Influence of Key Attributes on Professional Capacities: A Study of B.Ed. Teacher Trainees in Lucknow District, Published in SATRAACHEE, ISSN. 2348-8425, Issue-28, Vol.40, No.03, July-September 2023. (UGC-CARE listed Journal).

Dr. Victoria Susan Ijjina

i. Presented paper titled "Vasudhaivkutumbakamevamvishwabadhutvamulyomkiantharashtriyaavabodh me bhumika" at national seminar on "Ideational Rythms as Sprouts of Universal Culture, Peace and Happiness**"** held at Bundhelkhand University, Jhansi, July 2023.

ii. Participated and presented a paper titled "Shri Aurobindo Ghosh And Integral Education" at national seminar on SamseemyikSandharbh Me Shri Arubind Ka Shaikshik Chinthan Evam RashtriyaShikshanithi 2019 " at BBAU, Lucknow, August 2023.

iii. Participated and presented a paper titled "Shri Aurobindo Ghosh's Ideas Related To Indian Ethos" at national seminar on SamseemyikSandharbh Me Shri Arubind Ka Shaikshik Chinthan Evam RashtriyaShikshanithi 2019" at BBAU, Lucknow, August 2023.

iv. Participated and presented a paper titled "Shri Aurobindo's Envision Of Education: A Path Towards A Purposeful Life" at national seminar on SamseemyikSandharbh Me Shri Arubind Ka Shaikshik Chinthan Evam RashtriyaShikshanithi 2019" at BBAU, Lucknow, August 2023

v. Presented a paper titled "21st Century Pedagogy For Happiness And Well-Being Of Students In The Light Of Nep 2020" at national seminar on "Nep 2020: Transforming Pedagogies Of 21st Century" organized by Dept. Of Education, IQAC, Vasantha College For Women, BHU, November 2023

vi. Participated and presented a paper titled "Mental Health And Eudaimonic Well-Being In Digital Age: A Study Of Adolescents In Lucknow" at International Conference on Digital Technology Youth Mental Health organized by Department of Education, ANU, February 2024.

vii. Participated and presented a paper titled "Life Skills And Pro Environmental Behaviour: A Study In Lucknow " at International Conference on Digital Technology Youth Mental Health organized by Department of Education, ANU, February 2024

viii. Presented a paper titled "Indian Ethos With Reference To NEP 2020" at national conference on "Reconditioning Indian Tradition And Culture Through Nep 2020: Multi Lingual, Multicultural And Multidisciplinary Educational Approaches" organized by Chatrapati Sahuji Maharaj University, Kanpur, March 2024.

ix. Presented a paper titled "Swot Analysis of NEP 2020 Concerning Teacher Education" at national conference on "Reconditioning Indian Tradition And Culture Through Nep 2020: Multi Lingual, Multicultural And Multidisciplinary Educational Approaches" organized by Chatrapati Sahuji Maharaj University, Kanpur, March 2024.

Dr. Lalima

i. Published paper entitled "Effect of Branching Programme on Achievement of Primary Students on L.C.M and H.C.F" in the UGC CARE listed journal Indian Journal of Educational Technology, CIET,NCERT in VOl6, Issue 1, January 2024 ISSN no. 2581-8325

ii. Published Paper entitled "Promotion of Tourism Through Music" in UGC CARE listed journal Swar Sindhu in 12(1),January-June, 2024 2320–7175 (O) , ISSN No, 2320–7175 (O)

Dr. Vivek Nath Tripathi

i. **राष्ट्रीय** शिक्षा नीति के प्रति विश्वविद्यालय शिक्षकों एवं शोध छात्रों के दृष्टिकोण का अध्ययन, भारतीय आधुनिक शिक्षा राष्ट्रीय शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद नई दिल्ली वर्ष 38 अंक 2, 0972-5636

ii. राष्ट्रीय शिक्षा नीति 2020: भाषा शिक्षा के प्रश्न, परिदृश्य, प्रतिबद्धताएं एवं प्रयास, भाषा पत्रिका केंद्रीय हिंदी निदेशालय , उच्चतरशिक्षा विभाग भारत सरकार शिक्षामंत्रालय , सितम्बर – अक्टूबर 0972-5636

iii. Children with Cyber Bullying: A Parental Style for their children **University N**ews Association of Indian Universities Vol.61 No46 Nov. 13-19 0566-2257
iv. Time to take care of Some ; Ism in Indian Higher Education University News: A Weekly Journal of Higher Education Vol.61 No24 0566-2257
v. Construction and Standardization of Teaching Effectiveness Rating Scale Adhigaum , Ank 27 ,June - 2023.P 148-1592394-773X

Dr. Shikha Tiwari

i. Future-Ready Faculty: ICT Preparedness in Higher Education Institutions. Satraachee, (Print)ISSN 2348-8425, Issue 27, Vol. 39, April-June., 2023
ii. Study Habits Among Male and Female Students at Post Graduate Level. Veethika, ISSN– 2231-1130. September 2023
iii. Navigating Diversity: Faculty Perspectives on ICT Integration in arts, Science, and B.Ed. Programs.Satraachee, (Print) ISSN 2348-8425, Issue 28, Vol. 40, July-Sept., 2023
iv. Conceptual Understanding and Implementation of Choice-Based Credit System (C.B.C.S.): A Critical Analysis. Satraachee, (Print), Issue 28, Vol. 40, July-Sept., 2023. ISSN 2348-8425
v. Navigating the Digital Shift: Assessing the use for Online Education in Higher Education. Education India, Vol. 12, Issue-4 November-2023. http://www.educationindiajournal.org ISSN 2278-2435

Dr. Meena V. Rakshe

i. Eco-Feminism in Ancient India: Exploring the Nexus between Environmental Protection and Wome'sEduation in the Vedic Era, ISSN 2319-967, Vol. 12 Issue 47 June 2024, Peer Journal, Chhavi National Journal in Higher Education

17. Participated/Paper Presented in conferences/seminar/workshop in side country

Prof. Harishankar Singh

i. Life Skills and Experiential Learning: Nurturing Competence for Holistic Development, 2024, Navyug Kanya Mahavidyalay Rajendra Nagar Lucknow,
ii. Experiential learning and skill development in a globalized era Imperative and significance, 2024, Reconditioning Indian Tradition and Culture Through NEP 2020: Multilingual, Multicultural and Multidisciplinary Educational Approaches
iii. Empowering Scheduled Traibes through Experiential Learning: A Path to Holistic Development, 18-19 February 2024, A.N.D. Teachers Training (P.G.) College, Sitapur (U.P.)
iv. Impact of Assistive Technology for Multiple Disablities with Visual Impairment Students in Imclusive Education regarding NEP 2020, 22-23 February 2024, Department of Visual Impairment, Dr. Shakuntala Misra National Rehabilitation University, Lucknow
v. Emperiential Learning and Teacher Education in the light of NEP 2020, 03-04 November 2023, Indian Council of Social Science Research (ICSSR), New Delhi
vi. श्रीअरविन्दो के शैक्षिक चिन्तन की वर्तमान परिप्रेक्ष्य में उपयोगिता एक अध्ययन. Indian Council of Historical Research (ICHR), Govt. of India, New Delhi, 10-11 August 2023
vii. Ideas of Character- Building in Education, Indian Ideational Rhythms as Sprouts of Universal Culture, Peace and Happiness, July 25-26 2023
viii. Life Skills and Experiential Learning Nurturing Competence for Holistic Development, Indian Knowledge Tradition and National Education Policy 2020, March 20-21 2024
ix. Three Days National Seminar in Yoga Education for Self & Society, Department of Education, BBAU
x. एक दिवसीय राष्ट्रीय संगोष्ठी संत कबीर अकादमी, संस्कृति विभाग, उत्तर प्रदेश एवं शिक्षा विभाग, बाबा साहेब भीमराव अम्बेडकर विश्वविद्यालय लखनऊ, निर्गुण काव्यधारा और संत कबीर का योगदान, 14 दिसम्बर 2023

Dr. B.S. Gupta

i. Paper presented entitled 'Bhartiya Shiksha Parampara men Shashwat Mulyon ki Bhumika' in National Seminar on Indian Ideational rhythms as Sprouts of Universal Culture, Peace

and Happiness, held on 25-26th July, 2023 organized by Institute of Education, Bundel Khand University, Jhansi

ii. Paper presented entitled 'Sri Aourobindo ka Samagra Yoga evm Shiksha' in National Seminar on Samsamyiksandarbh men Sri Aourobindo ka Shaikshik Chintan evm NEP 2020, held on 10-11th August, 2023 organized by Department of Education, BBAU, Lucknow

iii. Paper presented entitled 'NEP 2020 evmBalyavastha ki Shiksha' in National Seminar on Responsibilities of all the Actors in the field of Higher Education in the context with NEP 2020, held on 01-02nd October, 2023 organized by Indian Institute of Education, Pune

iv. Paper presented entitled 'Kabidasdaskevichharon ki Vartman Shiksha Pranali men Prasangikta' in National Seminar on Nirguna Kavya Dhara aur Ekatamkatakesandarbh men Mahayogy Gorakhnath aur Sant KabirdaskaYogadan, held on 14th December, 2023 organized by Department of Education, BBAU, Lucknow.

v. Paper presented entitled '**Role of Education in achieving complete Social Justice through e-governance**' in National Seminar on Prospects and Challenges to get Social Justice through e-Governance, held on 10th January, 2024 organized by BBAU, Lucknow.

vi. Paper presented entitled 'PrachinBharatiyaVagyanikAdhyatmaevm NEP 2020' in National Seminar on Indian Knowledge Tradition & NEP 2020, held on 20-21st March 2024 organized by Navyug Kanya Mahavidylaya, Lucknow

vii. Paper presented entitled 'BharatiyaVagyanikAdhyatmaevm NEP 2020' in National Seminar on NEP 2020 & Higher Education, held on 23-24st April 2024 organized by BSSS, Sarasvatikunj, Lucknow.

viii. Paper presented entitled 'Prachin Bharat ki sudridhArthvyasthaevmsatat Vikas ki avdharana' in National Seminar on Relevance of Sanatan Economic thought in present context, held on 14-15st March 2024 organized by DHSG Vishwavidyalaya, Sagar.

ix. Participated in NCTE Approved National Seminar on "'Embracing the Integrated Teacher Education Programme(ITEP)" *held on 5th May, 2024* organized by Progrezz Academic Training & Research Institute, Tirupur, Tamilnadu.

Dr. Subhash Misra

i. Attended as Resource Person in Development of Material on Experiential Learning Routes towards Roots for Teacher Educators, from 26th February-01 March 2024, In the Department of Teacher Education, NCERT, New Delhi.

ii. Attended as Resource Person in the ICSSR Sponsored Project Outcome Dissemination Workshop on "The Impact of Pradhan Mantri Awas Yojna (PMAY) in Uttar Pradesh on 09th March 2024 orgnasied by Department of Education, BSNV PG College, University of Luck now.

iii. Attended as Resource Person in the ICSSR Sponsored Project Outcome Dissemination Workshop on "Uttar Pradesh Ke Lucknow evam Ayodhya Manfdal me BETiBachao Beti Padhao Yojna Ke Alok me Hitdharkon ki AbhivrittievamShasaktikaran Ka adyyyan on 16th March 2024 organized by Department of Education, BSNV PG College, University of Luck now.

iv. Presearnted Paper on "Educational and Social Perspective of Sant Kabir Das: An Overview in a National Seminar On "Nirgun Kavyadhara Evam Ekatmkatakesandarbh me Mahayogi Goraknath our Sant Kabir Ka Yogdan, Organised by Department of Education, BBAU, Lucknow on 14th December 2023.

v. NEP 2020 Orientation and Sensitization PDP organised Under Malviya Mission Teacher Training ProgrammeOrgansied by NIEPA, New Delhi, From 25-31 October 2023

vi. Delivered Lecture as Resource Person on the Topic" IdianKnoweldgeTraditionand National Education Policy 2020 in Two Days International Seminar Organsied by Department of Education & IQAC, Navyug Kanya Mahavidyalay, Lucknow on 20th March 2024.

Dr. Lalima

i. Presented a paper entitled "*Sant Kabir Das Literature Reflecting Scientific Attitude*" in the National Seminar on the topic "*nirgunkavyadhara aur ekatmaktakesandherbhmeinmahayogigorakhnath aur sant Kabir yogdaan*" organized by sant Kabir academy , culture department, Uttar Predesh and Department of Education,

BBAU on 14th December 2023.

ii. Participated in National Summit on *Institutional Leaders :Instituions for National Development*organised by Vidhya Bharti and University of Lucknow on 15-17 February 2024

iii. Presented a paper entitled "*Aligning Indian Knowledge System :Investigatiung the influence of Music in the NEP 2020*" in the International Seminar on the topic "*Indian Knowledge Traditions and National Educational Policy 2020*" organized by Navyug Kanya Mahavidhyalaya on March 20-21 2024 in hybrid mode.

iv. Presented a paper entitled "*utilizing Music for Creative Teaching Technique*" in the National Seminar on the topic "*Emerging Trends and Approaches in Teaching and Learning*" organized by Vardhman College, Bijnor, Uttar Predesh sponsored by Department of Higher Education , Uttar Pradesh on March 28-29 2004 .

Dr. Shikha Tiwari

i. NEP 2020 Orientation and Sensitization Programme under MM-TTP, organized by NIEPA from 03-12 January 2024.

ii. Professional Development Programme on 'NEP2020 'organized by IGNOU New Dehi, held from 16May-15 June, 2023

iii. Dr. Shikha Tiwari presented paper on 'Nurturing creativity and aesthetic sensibility in education : An Aurbindonian perspective', at National Seminar on "समसामयिक संदर्भ में श्री अरविंद का शैक्षिक चिंतन एवं राष्ट्रीय शिक्षा नीति2020" organized by Department of Education, BBAU Luckow on 10th and 11th August 2023.

iv. Dr. Shikha Tiwari presented paper on 'Sant kabir's Humanistic Vision: Integration into the national Education policy', at National Seminar on "Nirgun Kavyadharakesandarbh me Sahyogi Gorakhnath aur Sant Kabir Ka Yogdaan" at Department of Education, Babasaheb Bhimrao Ambedkar University on 14th December 2023.

Dr. Meena V. Rakshe

i. National Seminar, Yoga Education for Wellness organized by Department of Yoga, BBAU, 15-17 June 2024

ii. 'Shri Aurobindo thought of Education, at National Seminar on "समसामयिक संदर्भ में श्री अरविंद का शैक्षिक चिंतन एवं राष्ट्रीय शिक्षा नीति2020" organized by Department of Education, BBAU Luckow on 10th and 11th August 2023.

iii. 'वर्तमान परिप्रेक्ष्य में संत कबीर की शैक्षिक विचारधारा, at National Seminar on "Nirgun Kavyadharakesandarbh me Sahyogi Gorakhnath aur Sant Kabir Ka Yogdaan" at Department of Education, Babasaheb Bhimrao Ambedkar University on 14th December 2023.

iv. Guru Dakshta (Faculty Induction Programme) organized by UGC-HRDC University of Lucknow, Lucknow scheduled from 15th December, 2023 to 13th January 2024-reg.

v. National Seminar, Shri Aurobindo thought of Education, Department of Education, BBAU, 11-12 August 2023

18. Detailsofinvitedlecturesinsidecountry

Prof. Raj Sharan Shahi

i. श्री अरविंद एवं भारतीय संस्कृति दर्शन, समसामयिक संदर्भ में श्री अरविंद का शैक्षिक चिंतन एवं राष्ट्रीय शिक्षानीति 2020, ICHR & BBAU, Lucknow , 2023

ii. Historical Research Capacity Building Program on Emerging Trends in Social Science Centre for Studies and Research Central University Gandhinagar Gujarat 2024

iii. Good Governance and Notion of Developed India , Invited lectures, Atal SushasanPeeth& Department of Public Administration, University of Lucknow, 20th March 2024

iv. Nationalism and Indian education, Invited lectures, Swami Vivekananda subharti , University Meerut , 11th March 2024.

v. Promotion of Indian language in Teaching and Research, NEP 2020 Orientation and Sensitization Program, UGC MMTC and IQAC Silchar .

Dr. B.S. Gupta

i. Chaired as resource person in National Seminar on "Satata Bhavishya keliye Swadeshi Gyan Pranali" held on 16th June, 2024 organized by Department of Education, Tribuwan University, Kathmandu, Nepal.
ii. Chaired as resource person in National Seminar on "Samsamyiksandarbh men Sri Aourobindo ka Shaikshik Chintan evm NEP 2020" held on 11th August, 2023 organized by Department of Education, BBAU, Lucknow.
iii. Chaired as resource person in National Seminar on "Nirguna Kavya Dhara aur Ekatamkatakesandarbh men Mahayogy Gorakhnath aur Sant KabirdaskaYogadan" held on 14th December, 2023 organized by Department of Education, BBAU, Lucknow.
iv. Delivered Lecture as resource person on "SPSS in Statitics" held on 16th June, 2024 organized by Department of Education, CMP PG College, Prayagraj.
v. Delivered Lecture as resource person on "SPSS in Statitics" held on 19th June, 2024 organized by Department of Education, CMP PG College, Prayagraj.
vi. Delivered Lecture as resource person on "Yoga & Community: A Powerful Connection" held on 29th February, 2024 organized by Department of Education, University of Lucknow.

Dr. Vivek Nath Tripathi

i. Indian knowledge Tradition and National Education Policy 2020,No, International, Indian knowledge Tradition and National Education Policy 2020, Organized by Navyug Kanya Mahavidyalaya , Rajendra Nagar , Lucknow , March 20-21 2024.
ii. जगद्गुरु शंकराचार्य, No, National , जगद्गुरु शंकराचार्य, Udit Narayan P.G. College Kushinagar on जगद्गुरु शंकराचार्य, 18/3/24.
iii. "A study in U. P and Bihar sample examined how pre service Teacher intervened during incidents of Bullying., No, National, GlobalEmpowerment through Education, BVM College of Management Education, Gwalior on, 10th-11th Feb, 2024.
iv. Global Empowerment through Education, No, Resource Person/ ,Conference on Global Empowerment through Education, BVM College of Management Education, Gwalior on , 10th-11th Feb, 2024.
v. "Inclusive P**edagogy**in the CRE Programme, No, Resource Person, Rehabilitation council of India , New Delhi , Rehabilitation council of India , New Delhi , From , 26-6-2023 t0 30-6-2023
vi. A Historical Study on School Bullying ,No, National, The Concept of Social Justice and its Contemporary Dimensions , Babasaheb Bhimrao Ambedkar University Lucknow, Lucknow on, 10th Jan 2023.
vii. **Rights of Students with Disabilities ,**No, National, Rehabilitation of People with Disabilities , Babasaheb Bhimrao Ambedkar University Lucknow, Lucknow on, 24th& 25th March 2023.

Dr. Shikha Tiwari

i. Invited Lecture: Value inculcation Strategies, Bhartiya ShodhSansthan, Lucknow, 28.8.2023
ii. Invited Lecture: Blended learning mode and Flipped Classroom, Integral University, Lucknow,12.9.2023.
iii. Invited Lecture: Probing Skill and increasing Pupil participation , SKD Academy Lucknow , 21.3.2024.
iv. Invited Lecture: Emerging Trends and Approaches in Teaching and Learning, Vardhaman College, Bijnor,28.03.2024.

Dr. Meena V. Rakshe

- Invited Lecture: National Curriculum Framework 2023, SCERT, 2 and 8 June 2024

19. DetailsofNationalAwards/fellowship

- **Outstanding Achiever Award, 2024**. By the BabasahebBhimrao Ambedkar University, (A Central University) Lucknow. Uttar Pradesh, India

20. DetailsofInternationalAwards/fellowship

- **Margaret Macmillan International Women Best Teacher Award 2023 –** Education – Awarded by Center for Professional Development **CPACE).**

21.* DetailsofResearchProjects*(majorandminor)

Prof. Raj Sharan Shahi

- प्राचीन भारत में शिक्षा के अंतरराष्ट्रीय करण में बौद्ध शिक्षा का योगदानFunded By ICHR
- राष्ट्रीय शिक्षा नीति 2020 के प्रति उच्चशिक्षा स्तर पर कार्यरत शिक्षकों के जागरूकता का अध्ययन Research Project Funded ByBBAU.

Dr. Subhash Misra

- An analysis of effectiveness of Beti Bachao Beti PadhaoProgramme to save, educate and empower the girl child in Uttar Pradesh", Sponsored by Indian Council of Social Science Research (ICSSR), Rs. 4,50,000/-

Dr. Vivek Nath Tripathi

- सुकन्या समृद्धि योजना से आच्छादित परिवारों का उनके शैक्षिक, सामाजिक एवं पारिवारिक दायित्वों के निर्वहन पर पड़ने वाले प्रभाव का अध्ययनICSSR, New Delhi 5,000006 2023-24

Dr. Shikha Tiwari

- 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'.

22. Students achievements

- **Accomplishment of the students.**

Number of students completed their Masters/Graduation/Diploma	M.A. (Education)	11
	B.Ed.	117
Number of Student pursuing higher studies	15	
Details of students selected for teaching in higher education.	03	
NumberofstudentselectedonOthergovernmentjobs/banking/schoolteachingetc	School teaching	10
NumberofstudentawardedSLET/NET/JRF/anyotherfellowship	NET	02

- Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesissubmission/degreeawarded

Ph.D. Degree Awarded-

SR. No.	Students	Guide	Title	Fellowship availed
1	Mr. Jayveer Singh	A Study Of Digital Divide And Preparedness For Online Teaching At Secondary Teacher Education Institutions	Prof. Harishankar Singh	NFSC
2	Vinod Kumar Yadav	उत्तर प्रदेश में शिक्षा पर विकास व्यय का एक अध्ययन (A Study of Growth Expenditure on Education in Uttar Pradesh)	Dr. Raj Sharan Shahi	UGC JRF

Faculty wise supervision of the Ph.D

SR. No.	Students	Title	Guide	Fellowship availed
1	Avanish Kumar	बदलते सामाजिक परिवेश में मुसहर समुदाय जातिः एक शैक्षिक–सामाजिक अध्ययन (Musahar Community in Changing Social Scenario: An Educational- Social Study)	Prof. Harishankar Singh	ICSSR Fellowship
2	Rahul Balmiki	Access, Retention and Educational Socialization of Schedule Caste and Schedule Tribe students: A Case Study of two Central Universities of India	Prof. Harishankar Singh	NFSC Fellowship
3	Srinivas Azad	A study of environmental awareness and pro-environmental behaviour of secondary school students	Dr. Victoria Susan Ijjina	Non NET
4	Shashwat Kumar	A study of teaching-learning and evaluation practices in higher education institutions of uttar pradesh.	Dr. Sangeeta Chauhan	ICSSR Fellowship
5	Kumari Jyoti	The socio-economic empowerment of women through self-help groups: a study of bihar	Dr.Rajesh Ekka	UGC JRF
6	Jaya Shukla	Impact of intervention program on the attitude of secondary girls' students towards stem education	Dr. Lalima	UGC JRF
7	Komal Shukla	A study of technological pedagogical content knowledge among english pedagogy teacher trainees of secondary level	Dr. Subhash Misra	UGC JRF
8	Navneeta Tripathi	Leadership and professional capacities among teacher trainees of secondary level	Dr. Subhash Misra	Non NET
9	Zaffer Iqbal	Preferences and patterns of education among gujjar pastoralists in jammu region: a	Dr. Subhash Misra	NFST

		case study of rajouri district		
10	Sonali Jaiswal	Students with disabilities and bullying: a study	Dr. Vivek Nath Tripathi	UGC JRF
11	Riya Sharma	Effect of yogic practices on emotional intelligence and self concept of secondary school students	Prof. Harishankar Singh	NFOBC
12	Savitri Kachhap	Effect of constructivist approach on achievement in mathematics at secondary level	Prof. Harishankar Singh	UGC JRF
13	Himanshi Agnihotri	A study of metacognitive awareness, emational maturity and pupose in life of prospective teachers	Dr. Victoria Susan Ijjina	UGC JRF
14	Radha Rani	Effect of music integrated teaching progrm on the memory and attention of primary school students	Dr. Lalima	UGC JRF
15	Neha Chaudhary	Multidisciplinary Research in Indian Universities with special reference to Research Trends Across the Discipline.	Dr. Subhash Misra	NFSC
16	Ms. Rashmi	A study of attitude towards experiential learning among teacher trainees	Prof. Harishankar Singh	UGC JRF
17	Ms. Meenakshi Pandey	A study of dharampal's educational contribution in the light of indian knowledge system	Dr. Raj Sharan Shahi	Non NET
18	Mr. Mrityunjay Kumar	उच्च प्राथमिक स्तर के विद्यार्थियों के आत्म–नियन्त्रण, समस्या–समाधान एवं सामाजिक व्यवहार पर यौगिक क्रियाओं के प्रभाव का अध्ययन	Dr. B.S. Gupta	Non NET
19	Ms. Nishtha Pandey	Indian ethos and eudaimonic well-being of adolencets	Dr. Victoria Susan Ijjina	UGC JRF
20	Ms. Sonu Bara	Research culture in teacher education institutions : a critical	Dr. Sangeeta Chauhan	Non NET

		analysis		
21	Mr. Anees Ahmad Khan	माध्यमिक स्तर पर अध्ययनरत् विद्यार्थियों में निहित हिन्दी भाषा कौशलों के अनुप्रयोग का विश्लेषणात्मक अध्ययन	Dr. Rajesh Ekka	UGC JRF

School of Home Science

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, we continuously enhance our infrastructure, providing state-of-the-art facilities for academic and extracurricular activities. We offer extensive amenities for 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.

1. **Number of Departments -** 02 (Two)
   - **i.** Department of Human Development & Family Studies
   - **ii.** Department of Food and Nutrition

2. **Number of Faculty in the Department of HDFS** – 06 (Six), {01, on Deputation}

3. **Special highlights of the schools**

The faculty members of the School are active in research with publications in reputed springer's Elsevier, Taylor & Francis, journals, with indexing in Scopus, web of science, PubMed etc. Excellent contribution in the field is also evident through patent & copy right granted to the faculty members. The school also organise lecture series regularly delivered by luminaries of the field to enrich the student's knowledge and for their vivid exposure.

The flashing programme of MHRD along with the recent programme**Vikshit Bharat @ 2047** is celebrated extensively by the students and faculty members of the school significantly by Organising Lecture, Debates, Quizzes, Skill Development Programme, Entrepreneurship Melas and other Competitions.

4. **Citation-index of School**

   Total Citation-index of School -

   - Citation - 1719
   - h-index - 43
   - i10-index - 43

Department of Human Development & Family Studies

The Department of Human Development & Family Studies, established in 2007 under the School of Home Science, is dedicated to the comprehensive study of human growth and development across the lifespan, with a special focus on family dynamics. Our mission is to prepare enthusiastic professionals and leaders by grooming students holistically through exposure to a wide spectrum of knowledge.

Our department offers a deep understanding of the psychological, social, and cultural factors that influence individual and family well-being. Students are trained to apply this knowledge in various settings, including education, counselling, and social services, thereby contributing significantly to the enhancement of family life and community development.

We offer a two-year Master of Science (M.Sc.) program in Human Development and Family Studies, as well as a Ph.D. program. These programs empower students to pursue successful careers, advance to research studies, or embark on entrepreneurial ventures. Our curriculum is periodically revised to stay current with contemporary changes and national development programs, ensuring relevant and up-to-date education. The faculty comprises two Professors and one Assistant Professor from diverse specializations, delivering high-quality education in an academically vibrant and student-friendly environment. Our holistic approach includes workshops, seminars, field visits, laboratory experiments, internships, and research as integral parts of the curriculum. Students are encouraged to participate in extracurricular and sports events for their overall development. By integrating practical experiences with theoretical learning, we ensure students gain hands-on experience that complements their academic studies. Our commitment is to train and strengthen students, enhancing their self-sufficiency and overall development for future success.

1. **Courses offered:**
   - **i.** M.Sc. Human Development & Family Studies
   - **ii.** Ph.D. Home Science
2. **Facilities available in the Department:**

   M.Sc. Laboratory & Research Laboratory
   - **i.** Psychometric Lab
   - **ii.** Model development lab
   - **iii.** Smart classroom
   - **iv.** Computer Lab
   - **v.** Departmental Library
   - **vi.** Seminar hall - for enhancing the technical and oratory skills of the students

3. **Details of the Faculty:**
   - **i. Prof. Sunita Mishra, (On Deputation 03 years)**
     Vice Chancellor, MLSU, Udaipur, Rajasthan
     Specialization: Foods & Nutrition
     Qualifications: M.Sc., Ph.D., Doctors of Letter, Diploma in French
   - **ii. Prof. U.V. Kiran**
     Dean, School of Home Science
     Specialization: Resource Management & Consumer Sciences
     Qualifications: M.Sc., Ph.D.
   - **iii. Prof. Neetu Singh**
     Head, Food & Nutrition
     Specialization: Foods& Nutrition
     Qualifications: M.Sc., Ph.D.
   - **iv. Prof. Shalini Agarwal**
     Head, Human Development & Family Studies
     Specializations: Family Resource Management
     Qualification: M.Sc., Ph.D.
   - **v. Dr.Khwairakpam Sharmila,** Assistant Professor
     Specialization: Human Development and Family Studies
     Qualifications: M.Sc., Ph.D.

vi. **Dr. Priyanka Shankar**, Assistant Professor
Specialization: Food and Nutrition
Qualifications: M.Sc., Ph.D.

4. Details of the Seminar/Conference/ Webinar organised by the Department-

i. Organized One Day Conference on "**Holistic Wellness: Integrating Mind, Body and Soul"**, at SEES Conference Hall, BBAU, Lucknow on 27th February 2024.
ii. Celebrated National Girl Child Day on 24th January 2024.
iii. Organized One Day Webinar on the theme "**Never Too Early, Never Too Late"** to Mark the Celebration on World's celebration on Alzheimer's Day, 21st September, 2023.

5. Members/ fellowship of professional/ Academic bodies/ editorial board

i. Prof. U.V. Kiran

(a) The Zoological Society of India - Life Member
(b) Indian Gerontological Association - Life Member
(c) International Science Congress Association - Life Member
(d) Indian Ergonomics Association - Life Member
(e) Home Science Association of India - Life Member
(f) Indian Science Congress Association - Life Member
(g) Asian Regional Association for Home Economics - Life Member
(h) Asian Journal of Home Science - Life Member
(i) ZSI - Life Member
(j) Blue Planet Society, Allahabad, India - Life Member
(k) Global Environment Society of India - Life Member

ii. Prof. Neetu Singh

(a) Society for Conservation of Wildlife, 2023 - Life Member
(b) Environment Sustanability,2021 - Life Member
(c) Zoological Society of India, 2017 - Life Member
(d) Preventive and Social Medicine of India, 2016 - Life Member
(e) Indian Dietetics Association of India, 2015 - Life Member
(f) Indian Public Health Association, 2001 - Life Member
(g) Indian Association of Micro nutritionist, Human Nutrition Unit, AIIMS, New Delhi, 2004 - Life Member
(h) Home Science Association of India (2011) - Life Member
(i) Nutrition Society of India, 2011 - Life Member
(j) International Epidemiological Association, 2011 - Life Member
(k) Malviya Peace Mission, 2016 - Life Member
(l) Asian Journal of Home Science, 2012 - Editorial Board Member
(m) North Indian Science Congress 2018 - Founder Member

iii. Prof. Shalini Agarwal

(a) Indian Gerontological Association, since 2022 - Life Member
(b) GIAN (Global Initiative of Academic Networks), Ministry Of Education, Government of India since 13 March 2022. (Application Number 2015160010257) - Member
(c) AECED for 2020-2026. (Membership Number AECED NAT-21-P-195-A-2126)
(d) Home Science Association of India - Life Membership
(e) Indian Society of Ergonomics - Life Membership
(f) Indian Ergonomic Association - Life Membership
(g) Indian Science Congress - Life Membership
(h) Asian Journal of Home Science - Life Membership
(i) Social Science and Humanities Research Association - Life Member
(j) Healthcare & Biological Sciences Research Association - Life Member
(k) Scientific & Technical Research Association - Life Member
(l) Teaching & Education Research Association - Life Member

(m) Reviewer of OTJR: Occupation, Participation and Health Journal

iv. Dr. Khwairakpam Sharmila

(a) AECED for 5 years - 2020-2026 - Member
(b) Home Science Association of India - Life Membership
(c) Social Science and Humanities Research Association - Life Member
(d) Healthcare & Biological Sciences Research Association - Life Member
(e) Scientific & Technical Research Association - Life Member
(f) Teaching & Education Research Association - Life Member

v. Dr. Priyanka Shankar

(a) Indian Dietetics Association (Telangana Chapter)
(b) Nutrition Society of India

6. Details of Book Chapter in edited volume/conference volume

Prof. U.V. Kiran

i. Shikha Gautam and U.V. Kiran; "Structural & Institutional dimensions of Sustainable Development Goals (SDGs) in India: A Narrative/Dept. of Economics (SF) PSG College of Arts and Science"(ICSSR- sponsored)/ (2023), ISBN: 978-81-954992-2-9, 01,
ii. U.V. Kiran, Sonu and Jagdish Mehta; "Frontline workers and women as warriors in the Covid-19 Pandemic Routledge" (Taylor & Francis)/ 2023, 279-288, 02, Yes
iii. Kiran U. V. and Pandey P., "Technology Enabled Ergonomics Design, science and Innovation/ HWWE-2020", Springer 2023, 117-124, 01, No

Prof. Neetu Singh

i. Ayushi Singh, Rishi Dikshit and Neetu Singh. "Valorization of Agro-Industrial Wastes for Biorefinery Products" in **Green Technologies for Industrial Waste Remediation**. Springer (2023).
ii. PrashantSagar and Neetu Singh. "Development and Quality Characteristics of Defatted Soya Flour and Aloe-vera Based Functional Biscuits" in **Current Perspectives in Agriculture and Food Science**. BP International (2023).
iii. Alka Nanda and Neetu Singh. "Nano-Enabled Food Packaging: Revolutionizing Food Safety and Preservation" in **Harvesting Tomorrow Sustainable Solutions for Agriculture.** AkiNik Publications (2024).

Prof. Shalini Agarwal

S. No.	Author/Editors	Books Title/ editor /Year and publisher	ISSN/ISBN/NO.	No. of Co-authors	Whether you are the main author
1.	The complex relationship between social media use and creativity and innovation skills. 26-34	Effectiveness of Digital Media for Business and Education	978-81-953948-5-2	01	No
2.	Current initiatives and strategies for promoting life skills education in formal education and vocational training setting Pg no.-709-715	Structuraland Institutional Dimensions of Sustainable Development Goals in India: A Narrative.	978-81-954992-2-9	01	No
3.	Perceived stress,	Structuraland Institutional	978-81-954992-2-	01	No

	anxiety and resiliency among adolescents Pg no.-724-728	Dimensions of Sustainable Development Goals in India: A Narrative	9		
4.	The role of G-20 in promoting gender equity and social inclusion in global governance. Pg no.-57-67	National Education Policy (NEP) 2020 and the Role of Librarian in Digital Era.	978-93-9350-935-2	01	No
5.	The role of youth and adolescents in mitigating the impact of climate change	Youth participation in disaster risk reduction and climate change adaptation			

Dr. Khwairakpam Sharmila

i. Purnima Rastogi and Khwairakpam Sharmila (2023). Fostering Social Connectedness through Technology in Geriatric Population. In Effectiveness of Digital Media for Business and Education by Suresh K.G, Bajpai A and Chandoriya K R. Makhanlal Chaturvedi National University of Journalism & Communication, Bhopal, Publisher. Pp: 87-95. ISBN: 978-81-953948-5-2.

ii. Purnima Rastogi and Khwairakpam Sharmila (2023). Geriatric Palliative care and intervention strategies: Indian Perspective. In Structural and Institutional Dimensions of Sustainable Development Goal (SDGS) in India: A narrative by Dr. A Saravanan and Mr. M.P. Saratha Kumar. Department of Economics (SF) PSG College of Arts and Science, Civil Aerodrome Post, Coimbatore – 641014, Tamil Nadu, India. Pp: 11-16. ISBN: 978-81-954992-2-9

7. Paper published during the year by the faculty members (during 01-04-2023 to 31-03-2024).

Prof. U.V Kiran

i. Shikha, Kiran U. V. (2024); "Clinical Effects of Yoga and Meditational Practices on the Holistic Health of Chronic Kidney Disease Patients: A systematic Review" Cureus Journal of Medical Sciences (Springer Nature/ PubMed)" ISSN: 2168-8184-Yes-01-No-Yes

ii. Savita Mishra and U.V. Kiran; "A Systematic review on Musculoskeletal Disorders among Workers in Unorganized Sector-Journal of Ecophysiology and Occupational Health" ISSN:0974-0805-Yes-01-No-Yes

iii. Rishi Dikshit and U.V. Kiran social media and Working Memory - A review-Journal of Ecophysiology and Occupational Health-ISSN:0974-0805-Yes-01-No-Yes

iv. Pandey P, Kiran U. V. (2023), "Exposure to paints and respiratory health ailments among painting workers", Cogent Engineering (Taylor & Francis), ISSN / eISSN: 2331-1916-Yes-01-No-Yes

v. Shikha, Kiran U. V. (2023), "Combating Cognitive Dysfunction among CKD Patients: Need for Effective Treatment Module", Journal for ReAttach Therapy and Developmental Diversities (Scopus)-E-ISSN: 2589-7799-Yes-01-No-Yes

vi. Rawat, N., & Kiran, U. V. (2023), "Developmental Pattern of Phonological Awareness Skill in Indian Alphasyllabic Languages and English: Educational Implications", SpecialusisUgdymas/ Special Education, (peer-review)-ISSN Online: 1392-5369-Yes-01-No-No.

Prof. Neetu Singh

i. Alka Nanda, Prashant Pandey, P.S. Rajinikanth, Neetu Singh (2024). Revolution of nanotechnology in food packaging: Harnessing electrospunzein nanofibers for improved preservation - A review. International Journal of Biological Macromolecules. Volume 260 Part 1. Elsevier (Impact Factor: 8.2)

ii. Ayushi Singh & Neetu Singh (2024). Vitamin D intervention as a curative measure for glucose intolerance in obese children and adolescents: a systematic review on randomized control trials. European Journal of Pediatrics, 1-9. Springer (Impact Factor: 3.1)

iii. Varsha Kriti Mishra, Neetu Singh & Alka Nanda (2024). Nutritional & Antimicrobial Analysis of Developed Edible Basket Using Nori Sheet. European Journal of Nutrition & Food Safety, 16(1), 38-51.
iv. Pooja Gupta, Neetu Singh & Alka Nanda (2024). Nutritional Profiling and Characterization of Developed Cake Premix Using Finger Millets (Eleusinecoracana) and Sweet Potato (Ipomeabatatas L.). European Journal of Nutrition & Food Safety, 16(1), 1-11.
v. Kaushiki Devi, Neetu Singh & Alka Nanda. (2023). Nutritional Profiling & Proximate Analysis of Developed Vegan Honey Tender Bamboo Shoots Murabba. Current Journal of Applied Science and Technology, 42(16), 34-44.
vi. Prashant Sagar & Neetu Singh (2023). Quality Characteristic of Development Defatted Soya Flour and Aloevera Based Functional Biscuits. Asian Food Science Journal, 22(7), 8-14.
vii. Teena Thomas, Neetu Singh & Prashant Sagar (2023). Physicochemical and Morphological Analysis of Millet Yoghurt Powder: Characterization and Quality Evaluation. Asian Journal of Food Research and Nutrition, 2(4), 374-379.
viii. Km Kajal, Neetu Singh & Prashant Sagar (2023). Estimation of Sensory Evaluation and Functional Properties of Therapeutic Bar. Asian Journal of Food Research and Nutrition, 2(4), 359-366.
ix. Janhavi Srivastava, Neetu Singh, Alka Nanda (2023). Development of Ready-to-eat (Spirulina Pancake Premix) Nutritional Supplement for Anemic Adolescent Girls: Nutritional and Microbial Analysis. Current Journal of Applied Science and Technology, 42(48), 35-42.
x. Varsha Kriti Mishra, Neetu Singh, Alka Nanda (2023). Development & Sensory Evaluation of Vegan Edible Basket by Using Multi Grains & Nori Sheet. Asian Journal of Food Research and Nutrition, 2(3), 217-228.
xi. Pooja Gupta, Neetu Singh & Alka Nanda (2023). Formulation and Organoleptic Evaluation of Nutritious Vegan Cake Premix by Using Millet and Sweet Potato. Asian Journal of Food Research and Nutrition, 2(3), 229-237.
xii. Janhavi Srivastava, Neetu Singh, Alka Nanda (2023). Development and Organoleptic Evaluation of Iron Rich Pancake Premix Using Spirulina and Super Flours. European Journal of Nutrition & Food Safety, 15(6), 47-54.

Prof. Shalini Agarwal

i. Empowering Individuals foe a Sustainable Tomorrow: Role of Life Skills Development Vol 24(2)211-219, June 2024-Journal of Eco physiology and Occupational health-0974-0805-Peer reviewed-1-No-Yes
ii. Awareness about Menstrual Hygiene Management among Visually Impaired Adolescent Girls.Vol 23(4)1-10, December 2023-Journal of Eco physiology and Occupational health-0974-0805-Peer reviewed-1-No-Yes

Dr. Khwairakpam Sharmila

i. Karnwal R and **Khwairakpam Sharmila**(2024) Perspective view of Stress, Anxiety and Depression among Pregnant Women: A Review. Journal of Ecophysiology and Occupational health 24(1):1-13. March, 2024 ISSN (Online) : 0972-4397 ISSN (Online) : 0974-0805
ii. Prajapati G and **Khwairakpam Sharmila**(2023) Difficulties experienced by older adults when not using assistive devices. Discover Social Science and Health 3:8. ISSN: 2731-0469 https://doi.org/10.1007/s44155-023-00037-1
iii. Rashtogi P and **Khwairakpam Sharmila**(2023) Disability and Geriatric Health: A Review. Journal of Coastal Life Medicine. 1(11): 3206-3210 E-ISSN 2309-6152, P-ISSN 2309-5288
iv. Rashtogi P and **Khwairakpam Sharmila**(2023) Spirituality as a Mediating Factor of Mental Health of the Elderly: A Review. Indian Journal of Gerontology. 37(3):406-420 ISSN: 0971-4189 UGC No. – List B, Science-121.

8. Attended/Participated in conference/ seminar/ workshop inside country (during 01-04-2023 to 31-03-2024).

i. Prof. Neetu Singh

i. Prof. Neetu Singh invited as Chairperson in the 1st International Nutrition Conference NUTRICON 2023 on "Unlock your Brainchild with Nutrition Feast" held on 2nd -3rd December

2023 at King George Medical University (KGMU), Lucknow.

ii. Prof. Neetu Singh invited as Resource Faculty in 1st National Conference on "Together for Health" held on 8th& 9th December 2023 at Era University, Lucknow under the Aegis of Society for Allied Health and Healthcare Professions Education and Research (AHAHPER).

iii. Prof. Neetu Singh invited as Resource person at Nutrition for Health Summit 2023 (National Conference) held on 15-16th October 2023 jointly organized by International Society of Medical food and Nutrition, Biotech Park (UPCST Govt. of Uttar Pradesh) & Dept. of Bioengineering Integral University.

iii. Dr. Khwairakpam Sharmila

i. Presented a paper on Elderly and Mental Health: An Issue Overlookedat Webinar Series on Mental Health and Wellbeing organized by the SAKSHAM Society, 19th August 2023.

ii. Presented a paper on "Education through technology enhances the quality of higher education" at National Conference on National Education Policy 2020: Challenges and Opportunities for Higher Education Institutions in India organized by the Department of Commerce with professional Accounting Management Studies on **27th December 2023** at Dr. N.G.P. Arts and Science College, Coimbatore.

iii. Presented a paper on "Initiatives to fight hunger" in One day National Seminar on "Structural and Institutional Dimensions of Sustainable Development Goals (SDG) in India: A Narrative" organized by the Department of Economics, on **4th August 2023** at PSG College of Arts and Science, Coimbatore.

9. Attended/Participated in conference/seminar/workshop outside country (during 01-04-2023 to 31-03-2024)

i. Prof. Shalini Agarwal

Presented a paper on Current initiatives and strategies for promoting life skills education in formal education and vocational training setting in National Conference entitled "**Structural and Institutional dimensions of sustainable development goals (SDG) in India",** a Narrative organized by Department of Economics, PSG College of Arts and Science, Coimbatore held on 4th August, 2023.

10. Details of MOOC/online courses developed by the faculty:

i. Prof U.V. Kiran

Developed a MOOC's course on Life Skill Management

ii. Prof. Shalini Agarwal

Developed a MOOC's course on Life Skill Management

iii. Dr. Khwairakpam Sharmila

Developed a MOOC's course on Life Skill Management

11. Details of invited lecture inside the country

Prof U.V Kiran

i. Pre-Literacy Skills in Children with Visual Impairment: Assessment and Intervention held from 22nd to 23rd February, 2024,Meeting Sustainable Development Goals for Children having Multiple Disabilities with Visual Impairment & deaf blindness: Needs, Challenges and opportunities-Dept. of Visual Impairment Dr. Shakuntala Mishra National Rehabilitation University, Lucknow in Collaboration withPerkins School for the Blind, Watertown, USA -2024

ii. Invited talk in the KAS International Symposium held from 2nd to 4th of Feb, 2024.-Philosophy and Science as a New Educational Paradigm -Kuruom School of Advanced studies (KAS), India and Institute of Advanced Studies (INDAS), USA-2024

iii. Invited Lecture in the 5-Days Residential Training Program for Special Education Teachers held from 5th – 8th of December. -Adaptation and Modification of Curriculum-CRC, Lucknow sponsored by Rehabilitation Council of India-2023

iv. Comprehensive Solution for the management of CKD: Application of IoT-assisted technology.-4th International Conference on Sustainable and Innovative Solutions for India-Institute of Management Studies, Ghaziabad-2023

v. Cognitive disabilities among chronic kidney disease patients: Early Detection is the best intervention.-National Seminar on Rehabilitation of People with Disabilities: Early identification and Interventions-BBAU, Lucknow.-2023
vi. Women in Livestock management: Occupational Health Concerns-108th "Indian Science Congress" under the Animal Veterinary and fishery sciences-Indian Science Congress Association, Nagpur-2023

Prof. Neetu Singh

i. Prof. Neetu Singh delivered an invited lecture on "Awareness on Millets" held on 04th July 2023 at Hindustan Aeronautics Limited, Accessories Division, Lucknow.

12. Details of National Award/fellowship:

Prof U.V. Kiran

Awarded Associate fellow of the Punjab Forum for Science & Technology Communication at International Conference One Planet, One Health, One Future held on 22nd -23rd November, 2023 at DAV University, Jalandhar.

Prof. Neetu Singh

Prof. Neetu Singh awarded **Research and Academic Excellence Award-2024** in the discipline of Applied Sciences on 26th January 2024 BBAU LUCKNOW.

Prof ShaliniAgarwal

(a) Awarded **GijubhaiBadheka ECCE Change maker of the Year-2023** by Global Foundation for Early Childhood Education and Research for the year 2023.
(b) Awarded **Global Excellent Academician** Award by Saksham Society, for the year 2023-2024.

Dr. Khwairakpam Sharmila

Awarded **Global Excellence Faculty Award** on **25th June, 2023** by Saksham Society, Jaipur, Rajasthan.

13. Details of Research Projects (major/minor):

i. Prof Neetu Singh

Title of Project	**Funding Agency**	**Duration (Specific Dates)**	**Totalgrant**	**(PI/CO- PI)**
Leveraging the capacities and Expertise of Parties to Mainstream Fortified Rice in the Government Food based Safety Net Systems	World Food Programme, United Nation	June 2023-Dec 2024	7.5 Lakhs	**Prof. Neetu Singh** Coordinator

14. Details of patents filled/awarded

i. Prof. U.V. Kiran

Patents	**Inventors**	**Title and Award/Application no.**
Published	Ms. Santoshi & Prof. U. V. Kiran Date: 20/05/2022	Kit For Rag Pickers Comprises Multifunctional Rag Picking Stick and Garbage Bag Patent no.: - 529608 Application no.: - 202211027916
By	The Patent Office, Government of India.	
Date	Granted on 21/03/2024	

Copyright	**Inventor**	**Title and Award/Application no.**
Published	Ms. Neha Rawat & Prof. U. V. Kiran Date: 01/04/2024	Phonological Awareness test for Hindi-Speaking kinder garten children PATH KG Poorvaskolee Hindi Bolne wale bachchonkeliyeDhvanyaatmakjagruktapareekshan Registration no.: - L-146105/2024

By	Copyright Office, Government of India.
Date	Granted on 01/04/2024

ii. Prof. Shalini Agarwal

Copyright	**Inventors**	**Title and Award/Application no.**
Filled	Shivani Singh and Prof. Shalini Agarwal	Comprehensive Inventory for Life Skills in Adolescents (CILSA) In-process
By	20/05/2024	

15. Students achievements:

i. Prof. U.V. Kiran

(a) **Accomplishments of Students**

1.	Shikha	Cognitive Dysfunction and Life Orientation among Chronic Kidney Disease Patients: An Interventional Study	Enrolled
2.	Savita Mishra	Quality of Life of people with Locomotor Disabilities: An Interventional Study	Enrolled
3.	Rishi Dixit	Social Media exposure and its impact on Working memory and social competence- An interventional study on differently abled	Enrolled

(b) **Ph. D Awarded during the year:**

Sr. No.	**Name of the student**	**Title of Thesis**	**Year**
1.	Ms. Santoshi	Health Hazards among Rag Pickers: An Interventional Study	Awarded-2024
2.	Ms.Padmini Pandey	Health Hazards Among Painters: An Experimental Study	Awarded-2024

(c) **Ph.D. thesis submitted during the year**

1.	Mrs. Neha Rawat	Explicit Phonological Awareness Training: An Interventional Study on Native Hindi Speaking children	Pre-Submission done 2024
2.	Shikha	Cognitive Dysfunction and Life Orientation among Chronic Kidney Disease Patients: An Interventional Study	Enrolled
3.	Savita Mishra	Quality of Life of people with Locomotor Disabilities: An Interventional Study	Enrolled
4.	Rishi Dixit	Social Media exposure and its impact on Working memory and social competence- An interventional study on differently abled	Enrolled

(d) **M.Sc. dissertation Submitted:**

Sr.No.	**Name of the student**	**Title of dissertation**	**Year**
1.	Nisha Raj	Emotional Regulation and Life satisfaction for Healthy Ageing among elderly	2024
2.	Sangeeta	Impact of smartphone usage and internet addiction on Upper Limb Discomfort across the various age	2024

		groups	
3.	Brij Kishore Singh	Ethnicity and interpersonal intelligence exploring cognition and mental health in cross-cultural contexts	2024
4.	Prakriti Singh	Knowledge Concerning phonological awareness among elderly childhood education teachers of government and private schools	2024
5.	Tanya Mishra	A study on Internet gaming disorder and its associative factors among adolescents: A cross-sectional study	2023
6.	Manisha Sonkar	Impact of Physical activity and social connectedness on Cognitive Behaviour among elderly	2023
7.	Astha Khare	OTT platforms and their impact on personality and psychological well-being	2023

(e) **Student publications:**

S. No.	Title with page nos.	Journal	ISSN/ ISBN No.	Whether peer reviewed impact factor, if any	No. of Co-authors	Whether you are the main author	UGC approved list of Journal
1.	Shikha, Kiran U. V. (2024) Clinical Effects of Yoga and Meditational Practices on the Holistic Health of Chronic Kidney Disease Patients: A systematic Review	Cureus Journal of Medical Sciences (Springer Nature/ PubMed)	ISSN: 2168-8184	Yes	01	No	Yes
2.	Savita Mishra and U.V. Kiran A Systematic review on Musculoskeletal Disorders among Workers in Unorganized Sector	Journal of Ecophysiology and Occupational Health	ISSN:0974-0805	Yes	01	No	Yes
3.	Rishi Dikshit and U.V. Kiran social media and Working Memory - A review	Journal of Ecophysiology and Occupational Health	ISSN:0974-0805	Yes	01	No	Yes

4.	Pandey P, Kiran U. V. (2023) Exposure to paints and respiratory health ailments among painting workers	Cogent Engineering (Taylor & Francis)	ISSN / eISSN: 2331-1916	Yes	01	No	Yes
5.	Shikha, Kiran U. V. (2023) Combating Cognitive Dysfunction among CKD Patients: Need for Effective Treatment Module	Journal for ReAttach Therapy and Developmental Diversities (Scopus)	E-ISSN: 2589-7799	Yes	01	No	Yes
6.	Rawat, N., & Kiran, U. V. (2023) Developmental Pattern of Phonological Awareness Skill in Indian Alphasyllabic Languages and English: Educational Implications	SpecialusisUgdymas/ Special Education (peer-review)	ISSN Online: 1392-5369	Yes	01	No	No

ii. Prof. Neetu Singh

(a) **Accomplishments of Students**

Number of students completed their Masters/Graduation/Diploma	M.Sc. Food Science & Technology	36
	M.Sc. Food & Nutrition	20
Number of Student selected in Civil Services	UPPSC	0
	UPSC	0
	Jharkhand Public Services	0
	BPCS	0
Number of student pursuing higher studies	-	
Number of student selected on other government jobs/banking/school teaching etc.	Govt. job	01
	Teaching in Higher Education	01
	Teaching	-
	Job	20
	Projects	-
Number of Students placed through campus interview	04	

Number of student awarded SLET/NET/JRF/any other fellowship	01 ICSSR Centrally Administered Short-Term Doctoral Fellowship for the FY 2023-24 01 UGC-NET JRF 03 UGC-NET

(b) **Ph.D. Awarded during the year:**

Sr. No.	**Students**	**Guide**	**Co-guide**	**Title**	**Fellowship availed/availing**
1.	Anukriti	Prof. Neetu Singh	-	Optimization and Shelf-Life Study of Vegetables through Different Solar Drying Methods	Non-Net fellowship
2.	Nidhi	Prof. Neetu Singh	-	An Interventional Study on Milk Exclusive Breastfeeding Practices and Barriers overcome through Nutritional Education	Non-Net fellowship

(c) **Ph.D. student's Pursuing**

Sr. No.	**Students**	**Guide**	**Co-Guide**	**Title**	**Fellowship availed/availing**
1.	Alka Nanda	Prof. Neetu Singh	-	A study on novel Biocomposite Film integrated with Pickering Emulsion for Active Packaging application	UGC JRF
2.	Ayushi Singh	Prof. Neetu Singh	-	Potential of Vegan Vitamin D_2 formulation-based Food Supplement from Mushroom Waste: An Experimental Study	UGC JRF
3.	Prashant Sagar	Prof. Neetu Singh	-	Enhancing Micronutrients Bioavailability in Soil Nutrition through *Rhizobium* Bacteria and Industrial Seed Waste	Non-Net fellowship
4.	Tanya Singh	Prof. Neetu Singh	-	Course work	UGC JRF
5.	Puja Kumari	Prof. Neetu Singh	-	Course work	Non-Net fellowship

(d) **Any other special achievements recorded by the students:**

- ✓ Awarded 1st Prize for oral presentation on the topic entitled "Preparation of Biodegradable & Antimicrobial hybrid Biocomposite Films: Improving shelf life to answer food security concerns" at the National Conference On "Nurturing Agricultural Advancement and Sustainability 2024" (NAAAS 2024, 10-11 February)".
- ✓ Awarded Young Achiever Award at the National Conference On "Nurturing Agricultural Advancement and Sustainability 2024" (NAAAS 2024, 10-11 February)" for specialization in discipline of Food Packaging.

iii. Prof. Shalini Agarwal

(a) **Ph. D Awarded during the year:**

Sr. No.	Name of the student	Title of Thesis	Year
1.	Poonam Verma	Mental wellbeing and Occupational Health Safety (OHS) vulnerability among migrants of Lucknow city	Awarded-2024

(b) **Ph.D. thesis submitted during the year**

1.	**Shivani Singh**	Life skill enhancement of adolescents residing in shelter homes	**Enrolled**
2.	**Smriti Singh**	Cognitive Emotion Regulation among Abled and Differently Abled Young Adults	**Enrolled**

(c) **M.Sc. Dissertation Submitted:**

Sr.No.	Name of the student	Title of dissertation	Year
1.	Hepek Mili	Mental –Wellbeing of Youth Watching Anime	2024
2.	Tisha Jajoria	Insomnia Among Nomo phobic Adolescents: A Comparative Study	2024
3.	Saloni Saxena	Polycystic Ovary Syndrome (PCOS) and Insomnia among Females across different Age Groups: A Comparative Study.	2023
4.	Pooja Maurya	Sleep Disturbance among Children Engage as Child Labour	2023

(d) **Student publications:**

S. No.	Title with page nos.	Journal	ISSN/ ISBN No.	Whether peer reviewed impact factor, if any	No. of Co-authors	Whether you are the main author	UGC approved list of Journal
1.	Empowering Individuals foe a Sustainable Tomorrow: Role of Life Skills Development Vol 24(2)211-219, June 2024	Journal of Eco physiology and Occupational health	0974-0805	Yes	01	No	Yes
2.	Awareness about Menstrual Hygiene Management among Visually	Journal of Eco physiology and	0974-0805	Yes	01	No	Yes

	Impaired Adolescent Girls. Vol 23(4)1-10, December 2023	Occupational health					

iv. Dr. Khwairakpam Sharmila

(a) **Ph. D Perusing during the year:**

Sr. No.	Name of the student	Title of Thesis	Year
1	Gayatri Prajapati	Emotional and Mental Wellbeing of Elderly dependent on Assistive Devices.	Degree Awarded on 17.5.2024
2	Purnima Rastogi	Socio-Cultural Determinant and Mental Health: A comparative study of urban and rural elderly	2020-Continuing
3	Rajani Karnwal	Effect of Fine Motor Skills Intervention in Graphomotor Skills of Preschool children	2022-Continuing

(b) **Number of students completed their Masters/Graduation/Diploma- 02**

(c) **M.Sc. Dissertation**

Sr. No.	Name of the student	Title of dissertation	Year
1.	Shivani Gautam	Association of Emotional Self Efficacy and Mental Wellbeing of Youth	2024
2.	Shivangi Kamal	Role of yoga in promoting mental health status of young adults	2024

v. Dr Priyanka Shankar

(a) **Ph.D. Student's Pursuing**

S. No.	Name	Topic
1	Ms. Hema Deupa	Development of microencapsulated spirulina added chocolate as a functional food
2	Mr. Shailesh Kumar	Development of cereal based functional food product enriched with dietary fiber concentrate present in fruits and vegetables wastes

16. Google profile of the faculty members:

i. Prof. U.V.Kiran

	All
Citations	699
h-index	14
i10-index	19

ii. Prof. Neetu Singh

	All	Since2019
Citations	562	253
h-index	12	7

i10-index	16	5

iii. Prof. Shalini Agarwal

	All
Citations	368
h-index 10	
i10-index	12

iv. Dr. Khwairakpam Sharmila

	All
Citations	48
h-index 04	
i10-index	00

Department of Food &Nutrition

The Department of Food and Nutrition, established in 2020 under the School of Home Science, has an intake capacity of 40 students for its postgraduate course. The department offers a two-year Post Graduate program leading to a Master of Science (M.Sc.) in Food and Nutrition and M.Sc. in Food Science & Technology.

The Food and Nutrition department is dedicated to improving human health through better nutrition and lifestyle choices. It strives for excellence in the food and health industry by developing food processing technologies for value addition, creating nutraceutical-based functional foods for curing and healing diseases, and innovating in bakery technology with a focus on both domestic and global markets. The department also aims to facilitate employment opportunities, contributing to the economic empowerment of youth.

Through its focus on nutrition and health sciences, the department seeks to break the barriers of conventional research and establish novel technologies to address contemporary societal challenges. Innovative tools and techniques used in nutritional sciences include high-pressure sterilization, eradication, ultra sonification, and ohmic processing, which extend the shelf life and maintain the sensory and nutritive properties of food.

The Department aims to create an academically vibrant and student-friendly atmosphere. Workshops, seminars, field visits, laboratory experiments, internships, and research are integral parts of its curriculum. Additionally, students are encouraged to participate in various extracurricular and sports events to ensure their overall development.

1. **Course Offered:**

   (a) M.Sc. Food and Nutrition
   (b) M.Sc. Food Science & Technology
   (c) Ph.D. Food & Nutrition

2. **Facilities available in the department:**

   M.Sc. Laboratory & Research Laboratory
   (a) Food analysis Lab
   (b) Microbiology Lab
   (c) Bakery and Confectionary Lab
   (d) Food processing and preservation
   (e) Smart classroom
   (f) Computer Lab
   (g) Departmental Library
   (h) Seminar hall - for enhancing the technical and oratory skills of the students

3. **Details of Seminar/Conference/workshop organized by the department:**

   ✓ Organized one-week advance training on **"Bakery & Confectionery"**, held from 2nd – 8th November 2023, organized by Department of Food & Nutrition, School of Home Science, Babasaheb Bhimrao Ambedkar University, Lucknow.

4. **Other departmental level Academic Activities:**

   (a) Organized an industrial visit to Amul Banas Dairy, Lucknow on 22nd May 2023 organized by Department of Food & Nutrition, School of Home Science, Babasaheb Bhimrao Ambedkar University, Lucknow.
   (b) Organized an educational tour to Narendra Dev University of Agriculture & Technology, Kumarganj, Ayodhya, U.P. organized by School of Home Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 18th December 2023.
   (c) Organized an exposure visit to Rice Mill and PDS at Raebareli, Uttar Pradesh organized by Department of Food & Nutrition, School of Home Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 27th September 2023.

(d) Organized one day session on **"How to plan for Start-up and legal & Ethical Steps"**, organized by Department of Food & Nutrition, School of Home Science, BBAU on 22nd August 2023.

(e) Organized a talk on "**Rice Fortification Process to Eradicate Anaemia**" on 22nd September 2023 organized by Department of Food & Nutrition, School of Home Science, BBAU.

5. Co-curricular/Extra-curricular/sports Activity by the department:

- ✓ Millets mela, Slogan Competition, Elocution competition, Bookmark Competition, New Product Development, Nutritional Food competition, low-cost food development, educational tour & Bakery workshop organized by department.

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. The school is dedicated to studies and research on the state of the art in the areas of Library & Information Science, Computer Science and Information Technology. Information Technology is gaining importance as a key resource for the economic, social, cultural and political development of a nation. 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. All the three departments are running Post Graduation courses at the Masters level along with in their respective subjects and Ph.D. programmers.

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 or Research Scholars of school. To gain expertise in the cone and relevant areas which are in demand by corporate sectors, Research and Academic institution.

Department of Computer Science

Established in 1997 as Centre of Vocational Studies (CVS) offering Post Graduate Programme in Computer Software Applications (PGDCSA) and started functioning as Department of Computer Science in 2001 with main objective to provide up-to-date knowledge of the core field of computer science to the students through effective teaching programs thereby enabling students to enhance their knowledge and get employed in leading corporate and IT sectors to serve the country to bridge the digital divide.

Presently the department is offering three full time programmes namely Master of Computer Applications, M. Tech. (Computer Science) of two year duration and Ph.D. programme in Computer Science. A number of academic and cultural activities are regularly conducted in the department which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. In the year 2009, a Students Branch of Computer Society of India (CSI) was established in the department to provide a platform to our students for organizing various activities. The faculty members are engaged in various research and development related activities of the department and university apart from teaching and guiding students. Two UGC funded research project have been completed in the department and another few have been sent to various govt. funding agencies for approval.

2. **CourseOffered:**
   i. MCA
   ii. M. Tech. (Computer Science)
   iii. Ph.D.

3. **Facilitiesavailableinthedepartment:**
   i. Departmental Library
   ii. Computer Lab
   iii. Lecture Hall
   iv. Smart Class

4. **DetailsofFaculty:**

i. Prof. S.K. Dwivedi
Dean, SIST/School of information Science and Technology
Specialization: Artificial Intelligence, Web Mining, NLP and WSD
Qualifications: MCA, Ph.D. (Computer Science)

ii. 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)

iii. Prof. Shishir Kumar
Professor & Head, Department of Computer Science
Specialization: Software Engineering, Web Engineering, Intelligent, Computational Techniques
Qualifications: Ph.D.

iv. Dr. Deepa Raj
Specialization: Computer Graphics, Data Structure and Software Engineering
Qualifications: M.Sc. (Computer Science) Ph.D. (Computer Science), NET.

v. Dr. Babita Pandey
Specialization: Machine Learning Social Network Deep Learning Elearing Expert System
Qualifications: MCA, Ph.D.

vi. Dr. Manoj Kumar
Specialization: Computer Vision, Graphics & Image Processing
Qualifications: MCA, JNU (New Delhi), Ph.D. (I.I.T. Roorkee), NET, JRF.

vii. Dr. Narander Kumar
Specialization: Computer Networks, Object Modeling Networks Simulation (OMNETPP)
Qualifications: MCA, Ph.D. (Computer Science & Information Technology)

viii. Dr. Shalini Chandra
Specialization: Software Engineering, Software Security, Internet of Things, Fog Computing
Qualifications: MCA, NET, Ph.D. (I.T), PDF

ix. 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

5. DetailsofBookChapterineditedvolume/conferencevolume:

Prof. Shishir Kumar

i. Dr. Shishir Kumar"Cryptology and Network Security with Machine Learning" "Real-Time Authenticated and Secure Monitoring and Control of Low-Cost Sustainable Hydroponic System in Cloud" "ICCNSML 2023""International Conference on Cryptology & Network Security with Machine Learning" International 2023 ISBN/ISSN number of the proceeding 978-981-97-0641-9 publisher Springer Nature Singapore

ii. Dr. Shishir Kumar "Cryptology and Network Security with Machine Learning" "Secure Design and Implementation of Smart Traffic Light Management System" "ICCNSML 2023" "International Conference on Cryptology & Network Security with Machine Learning" International 2023 ISBN/ISSN number of the proceeding 978-981-97-0641-9 publisher Springer Nature Singapore

Prof. Sanjay Kumar Dwivedi

a) "Amit Asthana* and Sanjay K. Dwivedi" "International Conference on Advances in Computing, Communication & Security (I3CS-2023)" "Exploring Snippets as a Dataset to Overcome Challenges in CLIR" International 2023 ISBN/ISSN number of the proceeding 9781713883319 publisher EDP Sciences
b) **"Diksha Shukla; Sanjay K. Dwivedi"** "IEEE 7th Conference on Information and Communication Technology (CICT)" **"A Comparative Study of Text-Based Emotion Recognition on Social Media Data" International** 2023 ISBN/ISSN number of the proceeding 979-8-3503-0517-3 publisher IEEE

Prof. Vipin saxena

a) "Mridula Dwivedi, Babita Pandey, Vipin Saxena" "Microbial Data Intelligence and Computational Techniques for Sustainable Computing" "Analyzing the Frontier of AI-Based Plant Disease Detection: Insights and Perspectives" International 2024 ISBN/ISSN number of the proceeding 978-981-99-9620-9 publisher Springer
b) "Deepika Gautam, Vipin Saxena" "2023 IEEE 7th Conference on Information and Communication Technology (CICT)" "Optimization of Storage of Cloud Servers Through Binary Search Algorithm" International 2023 ISBN/ISSN number of the proceeding 979-8-3503-0517-3, 979-8-3503-0518-0 publisher IEEE
c) "Vipin Saxena, Vishal Verma, Versha Verma, Karm Veer Singh" "Proceedings of Fifth International Conference on Computer and Communication Technologies" "Data Cube Technology for Accessing of Large Database" International 2023 ISBN/ISSN number of the proceeding 978-981-99-9703-9, 978-981-99-9704-6 publisher Springer

Prof. Deepa Raj

a) "Deepa Raj" "DistilBERT-based Text Classification for Automated Diagnosis of Mental Health Conditions" International 2024 ISBN/ISSN number of the proceeding 978-981-99-9620-9 978-981-99-9621-6 publisher springer

Dr. Babita Pandey

a) Dr. Babita Pandey "UK Workshop on Computational Intelligence" "Probability Approximation Based Link Prediction Method for Online Social Network" International
2023 ISBN/ISSN number of the proceeding978-3-031-47507-8, 978-3-031-47508-5 publisher Springer
b) Dr. Babita Pandey "Microbial Data Intelligence and Computational Techniques for Sustainable Computing" "Analyzing the Frontier of AI-Based Plant Disease Detection: Insights and Perspectives" International 2024 ISBN/ISSN number of the proceeding 978-981-99-9621-6 publisher Springer
c) Dr. Babita Pandey "Microbial Data Intelligence and Computational Techniques for Sustainable Computing" "An Optimized Hybrid ARIMA-LSTM Model for Time Series Forecasting of Agricultural Production in India" International 2024 ISBN/ISSN number of the proceeding 978-981-99-9621-6 publisher Springer

Dr. Manoj Kumar

a) Dr. Manoj Kumar "3rd International Conference on Innovative Sustainable Computational Technologies (CISCT)" "Non-Homogeneous Haze Image Formation Model Based Single Image Dehazing" International 2023 ISBN/ISSN number of the proceeding 979-8-3503-0336-0 publisher IEEE Explore

Dr. Narander Kumar

a) Ankita Srivastava, Narander. Kumar (Corresponding Author), “A Discrete Firefly-based Task Scheduling Algorithm for Cloud Infrastructure” Published as a chapterin, Proceedings of the International Conference on Data Analytics and Computing (ICDAC) 2022, Organized by Department of Computer Science, BBAU, Lucknow, India as a joint conference workshop on

"Data Optimization and Security(DO & S)" as a part of ICDAC-2022 (The Department of Mathematics, College ofScience and Technology, Wenzhou- Kean University, China), Conference date:28-29th May 2022, Published by Springer Lecture Notes on Data Engineering andCommunications Technologies (LNDECT) Series, Vol.-175, pp-37-49, PublishedDate: 08 August 2023, ISBN: 978-981-99-3431-7, 978-981-99-3432-4 (eBook),ISSN:2367-4512,2367-4520(electronic) DOI:https://doi.org/10.1007/978-981-99-3432-4_4(ScopusIndexed)

b) Archana, Narander. Kumar (Corresponding Author), "Spider Monkey Optimizationbased Resource Provisioning in Cloud Computing Environment," Publishedasachapter in Proceedings of 10th International Conference on Signal Processing and Integrated Networks (SPIN2023), Noida, India, 2023, Organized by Department of Electronics and Communication Engineering ASET, Amity University, Sec-125,Noida, 3Delhi-NCR, India, Conference date: 23-24 March 2023, Published by IEEE, pp.121-125,PublishedonIEEEXplore:09May2023, E-ISBN:978-1-6654-9099-3, ISSN:978-1-6654-9100-6,DOI:https://doi.org/10.1109/SPIN57001.2023.10116420(ScopusIndexed)

i. **Dr. Shalini Chandra**

6. Paper published during the year by the faculty members (during01.04.2022-31.03.2023)

Prof. Shishir Kumar

a) "Kishore Kumar, Sarvesh Tanwar, Shishir Kumar" "MANC: A masked autoencoder neural cryptography-based encryption scheme for CT scan images" "MethodsX" 2024 ISSN number 2215-0161 https://www.sciencedirect.com/science/article/pii/S2215016124001912

b) "Kishore Kumar, Sarvesh Tanwar, Shishir Kumar" "Deep-Learning-based Cryptanalysis through Topic Modeling" "Engineering, Technology & Applied Science Research" 2024 ISSN number 1792-8036 https://www.etasr.com/index.php/ETASR/article/view/6515

c) "Praveen Goyal, Dinesh Kumar Verma, Shishir Kumar" "Plant Leaf Disease Detection Using an Optimized Evolutionary Gravitational Neocognitron Neural Network" "National Academy Science Letters" 2024 ISSN number 0250541X https://link.springer.com/article/10.1007/s40009-023-01370-4

d) "Praveen Goyal, Dinesh Kumar Verma, Shishir Kumar" "Diagnosis of Plant Leaf Diseases Using Image Based Detection and Prediction using Machine Learning Approach" "Economic Computation and Economic Cybernetics Studies and Research" 2023 ISSN number 1842–3264 https://www.scopus.com/sourceid/30232

Prof. Sanjay Kumar Dwivedi

a) "Deena Nath, Sanjay K. Dwivedi, Anand Prakash Dwivedi" "Unveiling the Impact of Indian Government Policies using Aspect Based Sentiment Analysis with Multi-Criteria Decision-Making and Hybrid Deep Learning" "International Journal of Intelligent Systems and Applications in Engineering" 2024 ISSN number 2147-6799 https://www.scopus.com/sourceid/21101021990

b) "Ganesh Chandra and Sanjay K. Dwivedi" "Query expansion using proposed location-based algorithm for hindi-englishclir. Analyzing three test collection" "International Journal of Pattern Recognition and Artificial Intelligence" 2024 ISSN number 0218-0014 https://www.scopus.com/sourceid/24310

Prof. Vipin Saxena

a) "Pawan Kumar, Vipin Saxena" "Secure Transmission of Information through Hybrid Cryptographical Techniques" "TWIST" 2024 ISSN number 1759-0418 https://www.scopus.com/sourceid/12600154713

b) "Sugandha Singh, Vipin Saxena" "Classification and Segmentation of MRI Images of Brain Tumors Using Deep Learning and Hybrid Approach" "International Journal of Electrical and Computer Engineering Systems" 2024 ISSN number 1847-6996, 1847-7003 https://mjl.clarivate.com/search-results

c) "Deepika Gautam, Suvendir Rimer, Vipin Saxena" "Secure Access of Folders and Files after Removal of Duplicacy over the Cloud" "International Journal of Computer Network and Information Security" 2024 ISSN number 2074-9090, 2074-9104 https://www.scopus.com/sourceid/21100985663

d) "Deepika Gautam, Vipin Saxena" "Secure Exchange of IMSI Number between Sender and Receiver" "KEPES" 2023 ISSN number 1794-7111 https://www.scopus.com/sourceid/21100244946
e) "V Saxena, P Kumar" "Secure Transaction of Digital Currency through Fuzzy Based Cryptography" "Indian Journal of Science and Technology" 2023 ISSN number 0974-6846, 0974-5645 https://www.scopus.com/sourceid/21100201522
f) "V Saxena, S Singh, KV Singh" "MRI Brain Tumor Prediction using Azure Streamlit Framework and Analysis of CNN Activation Functions" "Indian Journal of Science and Technology" 2023 ISSN number 0974-6846, 0974-5645 https://www.scopus.com/sourceid/21100201522
g) "Banshidhar Choudhary, Vipin Saxena" "Blockchain Implementation for Faster Accessing of Database of Banking Industry" "International Journal on Recent and Innovation Trends in Computing and Communication" 2023 ISSN number 2321-8169 https://www.scopus.com/sourceid/21101089961

Prof. Deepa Raj

a) "Anshu Gupta and Deepa raj" "Footprint recognition using deep neural network" "Journal of jilinUniversity(enginering and Technology Edition)" 2023 ISSN number 1671-5497 https://www.scopus.com/sourceid/145365

Dr. Babita Pandey

a) "M Konjengbam, B Pandey, DK Pandey" "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" 2024 ISSN number 0926-6690 https://www.scopus.com/sourceid/32791
b) "Kajal Katoch, Romaan Nazir, Aditya Khamparia, Babita Pandey, Abhijit Dey, Devendra Kumar Pandey" "Optimization of microwave-assisted extraction of plumbagin from Plumbago zeylanica by response surface methodology and adaptive neuro-fuzzy inference system modelling" "Industrial Crops and Products" 2023 ISSN number 0926-6690 https://www.scopus.com/sourceid/32791

Dr. Manoj Kumar

a) "Ruchi Agarwal, Sara Ahmed, and Manoj Kumar" "Selective bin model for reversible data hiding in encrypted images" "Pattern Analysis and Applications" 2024 ISSN number 1433-7541 https://www.scopus.com/sourceid/24822
b) "Dilip Kumar, Manoj Kumar, and Gaurav Gupta," "A survey on attribute-based encryption for Internet of Things" "International Journal of Modeling, Simulation, and Scientific Computing" 2023 ISSN number 1793-9615 https://www.scopus.com/sourceid/19900192598
c) "Ruchi Agarwal and Manoj Kumar" "A privacy preserving scheme for encrypted medical images using RDH" "International Journal of Information and Computer Security" 2023 ISSN number 1744-1773 https://www.scopus.com/sourceid/19400156805
d) "Dilip Kumar and Manoj Kumar" "A comparative analysis of elliptic curve-based cryptographic techniques for internet of things" "International Journal of Ad Hoc and Ubiquitous Computing" 2023 ISSN number 1743-8233 https://www.scopus.com/sourceid/5800179613
e) "Ruchi Agarwal, Ankita Vaish and Manoj Kumar" "Odd-even discrimination-based reversible data hiding technique in encrypted images" "Journal of Electronic Imaging" 2023 ISSN number 1017-9909 https://www.scopus.com/sourceid/25978
f) "Dilip Kumar and Manoj Kumar" "Outsourcing decryption of KP-ABE using elliptic curve cryptography" "International Journal of Information and Computer Security" 2023 ISSN number 1744-1773 https://www.scopus.com/sourceid/19400156805

Dr. Narander Kumar

a) 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/DateofPublication:8 Apr. 2024,ISSN:2074-9090 (print),e-ISSN: 2074-9104 (online),https://doi.org/10.5815/ijcnis.2024.02.05(Scopus Indexed).

b) Archana, Narander Kumar (Corresponding Author). M. Zubair Khan, "Hybrid Spider Monkey Optimization Mechanism with Simulated Annealing for Resource Provisioning in Cloud Environment",Published in International Journal of Computer Network and Information Security (IJCNIS), Volume: 16, No. 1, PP: 35-47,Year/DateofPublication: 08 Feb. 2024,ISSN:2074-9090 (print),e-ISSN: 2074-9104 (online),https://doi.org/10.5815/ijcnis.2024.01.03 (Scopus Indexed).

c) A. Srivastava, Narander Kumar, "Anefficient fire fly and honey bee-based load balancing mechanism in cloud infrastructure", Published in Cluster Computing-The Journal of Networks, Software Tools and Applications, Date of Publication: 14 August 2023 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, SCI EIndexed).

Dr. Shalini Chandra

a) " A Prasad, S. Chandra" "BotDefender: A Collaborative Defense Framework Against Botnet Attacks using Network Traffic Analysis and Machine Learning" "Arabian Journal for Science and Engineering" 2023 ISSN number 2191-4281 https://www.scopus.com/sourceid/13951

b) "A Prasad, S. Chandra, I. Atoum, N. Ahmad, Y Alqahhas, " "A collaborative prediction approach to defend against amplified reflection and exploitation attacks" "Electronic Research Archive 2023"ISSN number 2688-1594 https://www.scopus.com/sourceid/21101066573

c) "A Prasad, S. Chandra" "PhiUSIIL: A diverse security profile empowered phishing URL detection framework based on similarity index and incremental learning" "Computers and Security" 2024 ISSN number 0167-4048 https://www.scopus.com/sourceid/28898

16. Students achievements: Accomplishments of Students

17. Numberofstudentscompletedtheir Masters/graduation/ Diploma	MCA	50
	M. Tech (Computer Science)	7
Number of Student selected in Civil Services	UPPSC	-
	UPSC	-
	Jharkhandpublicservices	-
	BPCS	-
Number of student pursuinghigher studies	02	
Number of Studentselectedonotherjobs/ba government nking/ school teaching etc	Govt.job	-
	TeachinginHigherEducation	-
	Teaching	-
	Job	05
	Projects	-
Number OfStudentsin placed through campus terview	03	
Number of student awarded SLET/NET/JRF/anyotherfellowship	03	

Ph.DAwarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowshipavailed/ availing
a)	Mr. Jaydip Kumar	Prof. Vipin Saxen		Enhancing Cloud Based Data Security Through Trusted Security Techniques	NFSC, UGC fellowship
b)	Dilip Kumar	Dr. Manoj Kumar		Cryptography Based Data Security in Internet of	UGC fellowship

				Things	
Ph.D thesis submitted during the year					
a)	Mr. Banshidhar Choudhary	Prof. Vipin Saxen	-	Analysis and Design of D Mining Application for Banking Industry	UGC JRF
b)	Arvind Prasad	Dr. shalini Chandı		Security Enhancement by Combatting Cyberattacks using Machine Learning Techniques	NFSC Fellowship
c)	Mr. Pawan Kum	Prof. Vipin Saxen	-	Analysis and Design of Effective Hybrid Cryptographical Techniques	CSIR JRF
d)	Ruchi Agarwal	Dr. Manoj Kumar		Securing encrypted images through Reversible data hiding	UGC fellowship
e)	Ankita Srivastav	Dr. Narander Kun		Analysis and Design of Efficacious Resource Management Mechanisms for Cloud Computing Environment	UGC fellowship
f)	Richa Verma	Dr. shalini Chandı		Design and Devlopment of Trust-based Mechanisms for Securing Fog-IoT Environment	NFOBC fellowship
g)	Anshu Gupta	Dr. Deepa Raj		Multimodal Biometric Authentication System Using Human Footprints	UGC Fellowship
Ph. Dstudent'sPursuing					
a)	Versha Verma	Prof. Vipin Saxena	-	Design of Framework to Secure Data over the Cloud	UGC Fellowship
b)	Mridula Dwivedi	Prof. Vipin Saxena	Dr. Babita Pandey	Improving Link Prediction: An Explainable Link Prediction Approach	UGC Fellowship
c)	Deepika Gautam	Prof. Vipin Saxena	-	Design and Analysis of Effective Security Techniques for Cloud Database	NFSC, UGC fellows
	Sugandha Singh	Prof. Vipin Saxena	-	Design and Analysis of Effective Techniques for Identification of Brain Tumar in Human Magnetic Resonance Images	UGC Fellowship

e)	Hemant Kumar	Prof. Vipin Saxen	-	Study and Design of Effective Software Testing Techniques	UGC JRF Fellowshi
f)	Sameeksha Tripathi	Prof. S.K. Dwivedi		Personalised Hybrid Book Recommendation System Using Machine Learning Techniques	UGC Fellowship
g)	Diksha Shukla	Prof. S.K. Dwivedi		Intensity Based Emotion Detection of Product Reviews Using Deep Learning	UGC Fellowship
h)	Amit Asthana	Prof. S.K. Dwivedi		Improving Retrieval Effectivencess in Hindi-English Cross Lingual Information Retrieval Using Query Reformulation	UGC Fellowship
i)	Deena Nath	Prof. S.K. Dwivedi		Aspect-Based Sentiment Analysis	UGC Fellowship
j)	Avinash Kumar	Prof. Shishir Kumar		Analysis and Design of Mechanisms for Depression Detection on Social Media	UGC Fellowship

k)	Diwakar	Dr. Deepa Raj		Designing a Framework of Multi-Disease Detection and Prediction	NFOBC Fellowship
l)	Supriya Singh	Dr. Deepa Raj		Enhancement of Digital Images using Computational Intelligence	UGC Fellowship
m)	Banala Revanth	Dr. Manoj Kumar	Prof. S.K Dwivedi	Restoration of Hazy Images Using Machine Learning	UGC Fellowship
n)	Sangeeta Gautam	Dr. Manoj Kumar		Secret Communication Through Coverless Information Hiding	NFSC Fellowship
o)	Archana	Dr. Narander Kumar		An Efficient Resource Allocation Mechanisms Framework for Cloud Environment	UGC JRF Fellowship
p)	Priyanka Kaushal	Dr. Narander Kumar		Security Enhancement in IoT Paradigm using Blockchain Technology	UGC Fellowship
q)	Anand Gautam	Dr. Narander Kumar		Efficient Resource Management Mechanisms for Cloud Computing Environment	UGC Fellowship
r)	Gaurav Sin	Dr. Narander Kumar	Prof Shishir Kumar	Detection and Diagnosis of Thyroid Disorders Using Intelligent Computational	UGC Fellowship

				Mechanisms	
s)	Saurabh Kumar	Dr. Karm Veer Singh	Prof. Vipin Saxena	Yet to be decided	UGC JRF Fellowship

27. Googleprofileofthefacultymembers:

Sl.No	NAME OF FACULTY	CITATION	H-INDEX	I10- INDEX
1.	**Prof. Shishir Kumar**	1962	21	51
2.	**Prof. S. K. Dwivedi**	1157	15	32
3.	**Prof. Vipin Saxena**	748	13	20
4.	**Prof. Deepa Raj**	69	04	-
5.	**Dr. Babita Pandey**	2039	22	41
6.	**Dr. Manoj Kumar**	1102	16	23
7.	**Dr. Narander Kumar**	487	12	14
8.	**Dr. Shalini Chandra**	316	10	11
9.	**Dr. Karm Veer Singh**	34	02	01

Department of Library & Information Science

The Department of Library and Information Science is functioning in the University since 1997 with the aim to provide up-to-date LIS education to the students through effective teaching and practical training. The department is working with the vision to educate individuals for career as Librarians, Information Professionals, Archivists, Information Scientist and Knowledge Managers. The students are trained in order to undertake instruction, research and service orientedprogrammes that require current emerging information technological developments and market requirements. Presently the department is offering one year Bachelor of Library and Information Sciences (BLISc.), one year Master of Library and Information Sciences (MLISc) and Ph.D. programmes in Library and Information Science. Keeping in view the market demands and employment opportunities for the students, the courses are being restructured at regular intervals. The department has so far produced more than500 Library and Information Professionals, 42 M.Phil. (Presently discontinued) and 53Ph.D. Scholars.

The Department of Library and Information Science has one state-of-the-art Information Technology Laboratory with Personal Computers, Wi-Fi Internet connection, video conference system, smart board, LCD TV, Promark digital board, etc., and departmental Library which has collection of 559 books. The projectors are installed in the class rooms, and aims mainly for advanced learning and research. The Department has been established with the following objectives:

- An understanding and appreciation of vital and pervasive role of Information as an essential tool in all development activities;
- An understanding of the application of Information Technology in the handling of information in the libraries and information centres;
- Full comprehension of the global nature of information for proper co-operation, co-ordination among the countries;
- To equip the students with necessary skills of Information Science, background for Designing, Implementing, Operating and Managing an Information Centre or a Documentation Centre or a Library, pertaining to any field such as R & D, Business & Industry, Media, Academic Institutions & Government Departments, etc.

The students trained under the aegis of the department are gainfully employed in several Govt. and Private Organizations.

1. Courses Offered:

i. BLISc. (Bachelor in Library & Information Science)
ii. MLISc. (Master in Library & Information Science)
iii. Ph.D. in Library & Information Science.

2. **Facilities available in the Department like departmental Library, Moot Court etc.:**

i. Smart Class rooms
ii. Departmental Library
iii. Departmental Laboratory

3. Details of the Faculty

i. 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)
Experience: Teaching- 32 Years Research- 30 Years
Email:mahawar_67@yahoo.co.in, mahawar67@gmail.com

ii. 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.

Experience: Teaching-21 Years Research- 18 Years
Email:mpsinghdlis@gmail.com

iii. 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.
Experience: Teaching- 19 Years Research- 21 Years
Email:shipoo_lko@rediffmail.com; shipoo.lko@gmail.com

iv. 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.
Experience: Teaching- 19+ Years Research- 19+ Years
Email: sksonker@yahoo.co.in

v. 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
Experience: Teaching- 09 Years Research- 12 Years
Email: vinitbhu06@gmail.com

vi. Dr. SomipamRShimray
Assistant Professor
Specialization: Research Ethics, Knowledge sharing & Cultural Informatics
Qualifications: Ph.D., MLISc, PGDLAN, UGC-JRF
Experience: Teaching- 04 Years Research- 10 Years
Email: srshimray@yahoo.com

vii. 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

4. Details of the Seminar/Conference/Webinar Organized by the Department:

i. Prof. K. L. Mahawarorganized One Day National Seminar on the theme **"Navyan Buddhism & Indian Culture"** on December 06, 2023. Supported by Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow and Culture Department, Government of U. P. at Atal Bihari Vajpayee Auditorium, BBAU.

ii. Prof. K. L. Mahawarorganized One Day NationalSeminar on the theme **"Role of Women in Transforming Cultural Heritage: With a Special Reference to Public Libraries"** on March 13, 2024 supported by Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow and UCO Bank, Lucknow at SEES Conference Hall, BBAU.

5. Members/Fellowship of Professional/Academic Bodies/ Editorial Board:

i. Prof. K. L. Mahawar:

a) Head, Department of Library and Information Science, from 2022- Continued
b) Chairman, Board of Post Graduate Studies, DLIS from 2022 - Continued

c) Chairman, Department Research Committee, DLIS from 2022 - Continued
d) Chairman, Departmental Admission Committees, DLIS 2022 - Continued
e) Coordinator, Remedial Coaching Programme (RCP) from 2019 – Continued
f) Director, Sport from 2018 - Continued
g) Chairman, Standing Events Organizing Committee (SOC) of the University form 2022 - Continued
h) Departmental Research Committee (DRC) – Department of Information Technology
i) Departmental Research Committee (DRC) – Department of Mass Communication and Journalism
j) Departmental Research Committee (DRC) – Department of Library and Information Science
k) Academic Council
l) Member of Library Committee/Library Advisory Committee from 1997 to Continue
m) Member School Board of the School for Information Science and Technology
n) Board of Post Graduate Studies in Library and Information Science

ii. Prof. M. P. Singh:

a) Indian Library Association (ILA) - Life Member
b) Indian Association of Teachers in Library and Information Science (IATLIS) - Life Member
c) Indian Association of Special Libraries and Information Centers (IASLIC) - Life Member
d) Society for the Advancement of Library and Information Science (SALIS) - Life Member
e) Special Library Association (SLA) Asian Chapter - President

iii. Prof. S. K. Sonkar:

a) Life time membership of ILA
b) Life time membership of IATLIS
c) Life time membership of IASLIC
d) Member , Board of Post Graduate Studies (BPGS), BBAU, Lucknow
e) Member , Board of Post Graduate Studies (BPGS), UPRTOU, Lucknow
f) Member, School Board, School for Science and Information Technology, BBAU, Lucknow
g) Member , Board of Post Graduate Studies (BPGS), CSJM University, Kanpur
h) Member, Board of Post Graduate Studies (BPGS), Maharaja Chhatrasal Bundelkhand University is a state university in Chhatarpur

iv. Prof. Shilpi Verma:-

a) Life Membership of Indian Library Association (ILA) (Membership no. CL-9677)
b) Life Membership of the Indian Association of Special Libraries and Information Centres (IASLIC)
c) Life Member of the Indian Association of Teachers of Libraries & Information Science (IATLIS)
d) Life Member of the Society for Conservation of Wildlife
e) Life Member of Zoological Society of India, (Membership No. S-222(LB)
f) Life Member of Blue Planet Society, Allahabad
g) Life Member of Samagra Vikas Welfare Society(SVWS), Lucknow

v. Dr. Vinit Kumar:

a) Lifetime member of Indian Association of Special Libraries and Information Centres (IASLIC), Kolkata.
b) Lifetime member of Indian Association of Teachers in Library and Information Science (IATLIS), Patiala.

vi. Dr. Somipam R Shimray

a) Lifetime member of Indian Library Association (ILA)
b) Member of the Association for Information Science and Technology (ASIS&T)

vii. Dr. Nitesh Kumar Verma

- Indian Library Association (ILA) – Lifetime
- Indian Association of Teachers of Library and Information Science (IATLIS) – Lifetime

6. Details of Book written/edited by faculty members:

i. Prof. M. P. Singh:

a) **Singh, M.P.** (2022). Artificial Intelligence in Libraries. New Delhi: Oxford Publishers. ISBN: 978-93-9363-111-4.

b) Sonkar, S.K., &**Singh, M.P** (2022). Libraries and Open Science: Issues, Challenges and Opportunities. New Delhi: Ess Ess Publications. ISBN: 978-93-92594-58-8.

c) **Singh, M.P.,** Lata, N. & Sonkar, S.K. (2022). Transformative Technologies for Libraries. New Delhi: Ess Ess Publications. ISBN: 978-93-92594-43-4.

d) **Singh, M.P.,**& Sonkar, S.K. (2022). Management of Modern Libraries in New Normal. Ghaziabad: Corvette Press. ISBN: 978-93-91385-10-1.

e) Prof. S. K. Sonkar:

f) **Sonkar,S.K**. and Aslam, S.(2023).Types of Libraries and Cutting-Edge Technologies. New Delhi: Ess Ess Publication, pp1-550

a. Edited Books:

g) Singh, M.P., Kushwaha,P.P., &Sonkar,S.K.(2024). Generative intelligence in libraries with human machine learning collaboration, New Delhi: Empty Canvas publishers. pp.1-471.

7. Details of Book Chapters in edited volume/conference volume.

i. Prof. M. P. Singh:

a) Kushawaha, P.P., **Singh, M.P.**, Kumar, S., Vidyarthi, A. (2023). User Perceptions and Satisfaction of Academic Libraries in Information Era: A review of Related Literature. Proceeding of International Conference on "Sustenance and Visibility of Academic Librarianship in the 21st Century: Skill Enhancement in the context of NEP-2020" organized and sponsored by Gulbarga University, Kalaburagi, Karnataka, India. ISBN: 978-81-95277-14-8.

b) **Singh, M.P.**, Kushawaha, P.P., Dixit, S., Arya, I., Kirad, K. (2023). Awareness and Utilisation of Open Access Scholarly Communication at Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh, India. Proceeding of International Conference on "Sustenance and Visibility of Academic Librarianship in the 21st Century: Skill Enhancement in the context of NEP-2020" organized and sponsored by Gulbarga University, Kalaburagi, Karnataka, India. ISBN: 978-81-95277-14-8.

c) Kushawaha, P.P., Gautam, R.K., **Singh, M.P.** (2023). An Assessment of Probability of Disaster Occurrences and its Framework of Management in the Central University Libraries in India: A Study. Proceeding of International Conference on "Sustainable Development of Libraries through NEP-2020" organized and Sponsored by Raja Rammohan Roy Library Foundation and Learning resource Centre, Aggarwal College Ballabgarh, Faridabad, Haryana, India. ISBN: 978-93-94124-26-4.

d) **Singh, M.P.**, Arya. I., Kirad, K. (2023). A Conceptual Landscape of Digital Humanities. Proceeding of International Conference on "Sustainable Development of Libraries through NEP-2020" organized and Sponsored by Raja Rammohan Roy Library Foundation and Learning resource Centre, Aggarwal College Ballabgarh, Faridabad, Haryana, India. ISBN: 978-93-94124-26-4.

e) **Singh, M.P.**, Vidyarthi, A. (2023). Digital Literacy towards Dark Pattern among Research Scholars of Babasaheb Bhimrao Ambedkar Central University, Lucknow, Uttar Pradesh: A Study. Proceeding of the 11th International Library and Information Professional Summit (I-LIPS 2023) International Conference on "New and Innovative Libraries in Digital Era: Services and Practices" organized by Galgotias University library & SOLE held during April 13-15 in Greater Noida, India

f) **Singh, M.P.**, Shukla, B.V (2023). Attitudes towards the Role of Academic Libraries and Access to Electronic Resources among Faculty Members: A Study. Proceeding of the 11th

International Library and Information Professional Summit (I-LIPS 2023) International Conference on "New and Innovative Libraries in Digital Era: Services and Practices" organized by Galgotias University library & SOLE held during April 13-15 in Greater Noida, India

g) Kushawaha, P.P., **Singh, M.P.** (2023). Adoption of Disaster Management Techniques in Central University Libraries of India: A Practical Approach. Proceeding of the 11th International Library and Information Professional Summit (I-LIPS 2023) International Conference on "New and Innovative Libraries in Digital Era: Services and Practices" organized by Galgotias University library & SOLE held during April 13-15 in Greater Noida, India

h) **Singh, M.P.**, Kirad, K., & Arya, I. (2023). Impact of Artificial Intelligence on Library Services in Morden Era. Proceeding of the 11th International Library and Information Professional Summit (I-LIPS 2023) International Conference on "New and Innovative Libraries in Digital Era: Services and Practices" organized by Galgotias University library & SOLE held during April 13-15 in Greater Noida, India

ii. Prof. Shilpi Verma:

a) Paswan, Rajesh Kumar and Verma, Shilpi (2023). Library Discovery Services: An Integrated Approach to Enhance Library Facilities. Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festschrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

b) Patel, Shikha and Verma, Shilpi (2023). Web 2.0 and Web 3.0: A Conceptual Framework. Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festschrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

c) Lakra, Bipin Kishore and Verma, Shilpi (2023). Collection Development and Services at the Indian Institute of Science Education and Research, Pune. Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festschrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

d) Dwivedi, Suraj Kumar and Verma, Shilpi (2023). Sustainable Libraries: The Advantage of Green Practices with Innovative Technology. Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festschrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

e) Kumari, Pratibha and Verma, Shilpi (2023). Research Support tools: An Overview. Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festschrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

iii. Prof. S. K. Sonkar:

a) Verma, A.K., Uttkarsh, & Sonkar, S.K. (2024). An evaluative study of Indian contribution to open access scholarly communication in science. In. Kumar, I.M., Shettar&A.K.sharma (eds), Evidence based library transformation: quality services for nextgen users, pp.94-110

iv. Dr. Nitesh Kumar Verma:

a) Saikia, Swagota; Verma, Manoj Kumar &**Verma, Nitesh Kumar** (2023). "Evaluation of the library website of All India Institutes of Medical Sciences: A webometric analysis" in 8th International Conference of Asian Special Libraries: Advancing Asian Special Libraries towards the Fifth Industrial Revolution pp. (102-113). Philippines: Special Libraries Association - Asian Community and Association of Special Libraries of the Philippines.

8. Paper published during the year by the faculty members (during 01.04.2023-31.03.2024)

i. Prof. K. L. Mahwar:

a) Hurum, Unzila&**Mahawar, K. L. (2023).** Implementation Strategies of Institutional Repository in the Indian institute of Geomagnetism, Mumbai and Agharkar research institute, Pune: A Study. Madhya Bharti (e/; Hkkjrh). Vol. 84, no. 2, July - December 2023 ISSN – 0974-0066, IF: 6.28.

b) Hurum, Unzila&**Mahawar, K. L. (2023).** Implementation Strategies of Institutional Repository of Department of Science and Technology Institututions in Kolkata: An Evaluative Study. Rabindra Bharti Patrika: Rabindra Bharti University, XXVI, No. 12, December 2023, ISSN – 0937-0037, IF: 6.4.

c) Hurum, Unzila,**Mahawar, K. L.** and R. Shimray, Somipam (2024). Examining User Opinions, Satisfaction Levels, and Challenges towards Institutional Repository: An Empirical Study. DESIDOC – Accepted

ii. Prof. M. P. Singh:

a) Kirad, K., &**Singh, M.P.** (2023). IoT-based Library Systems: Advancements, Challenges, and Opportunities.TECHNOFAME- A Journal of Multidisciplinary Advance Research.12 (1), 189-194.

b) Kirad, K., &**Singh, M.P.** (2023). Adapting Library Resources and Services in The Changing Environment: A Comparative Study of Mohan Lal Sukhadia University, Udaipur and University of Rajasthan, Jaipur. European Chemical Bulletin, 12 (9), 1911-1917.

c) **Singh, M.P.**, Kumar S., &Kushawaha, P.P. (2023). Performance Appraisal of Human Resources Management in Libraries of Indian Institute of Management in India: A Study.Madhya Bharti. 85, 1675-1686.

d) **Singh, M.P.**, & Kumar S. (2023). An Assessment of Human Resources Management in Libraries of Indian Institute of Management in India: A Comparative Study. Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery. 27 (2), 2623-2630.

e) **Singh, M.P.**, &Kirad, K. (2023) Impact and Usefulness of Electronic Resources among the users in Changing Environment of university of Rajasthan: A Study. Journal of the Asiatic Society of Mumbai. 97 (11), 37-45.

f) Kirad, K., &**Singh, M.P.** (2023). Changing Roles of Librarians in Digital Environment: A Study of State Universities of Jodhpur. Rivista Italiana Di FilosofiaAnalitica Junior, 14 (1), 412-418.

iii. Prof. Shilpi Verma:

- Patel, Shikha and Verma, Shilpi (2023). Assessing Digitalization Awareness, Concern, and Readiness in Rural Banking: A Survey near Rajiv Gandhi Institute of Petroleum Technology, Journal of the Oriental Institute. Vol. 72, no. 3, July-September 2023, ISSN 0030-5324, Pg. no. 190-197.
- Patel, Shikha and Verma, Shilpi (2023). Web 2.0 Technologies: Catalyst for Sustainable Development in the Digital Age, Education and Society. Vol 46, No. 8 July-September 2023, ISSN 2278-6864, Pg. no. 125-135.

iv. Prof. S. K. Sonkar: Papers published in National Journal:

a) Uttkarsh and Sonkar, S.K. (2024) Bibliometric study of publications on preservation of cultural Heritage. Madhya Bharati, pp.100-111.

v. Dr. Vinit Kumar:-

- **Kumar, Vinit**, Chandrappa, &Harinarayana, N. (2024). "Exploring dimensions of metadata quality assessment: A scoping review", Journal of Librarianship and Information Science, 0(0). (ISSN 1741-6477)(Impact factor: 1.7) https://doi.org/10.1177/09610006241239080
- Verma, M. K., **Kumar, Vinit**, & Yuvaraj, M. (2024). "Semiotic scale for library software interfaces: Development and validation", Journal of the Association for Information Science and Technology, 1–13, 24875 (ISSN: 2330-1643)(Journal Impact Factor: 3.5). https://doi.org/10.1002/asi

- Yadav, S. K., Khan, S. A., Tiwari, M., Kumar, A., **Kumar, Vinit**, & Akhter, Y. (2024), "Taking cues from machine learning, compartmental and time series models for SARS-CoV-2 omicron infection in Indian provinces", Spatial and Spatio-Temporal Epidemiology, 48, 100634 (ISSN: 1877-5853)(Journal Impact Factor: 3.4). https://doi.org/10.1016/j.sste.2024.100634
- **Kumar, Vinit**, Shankar, G. & Akhter, Y. (2023), "Deciphering drug discovery and microbial pathogenesis research in tuberculosis during the two decades of postgenomic era using entity mining approach". Archives of Microbiology, Vol 206, Iss. 46, pp 1-24 (ISSN: 1432-072X)(Journal Impact Factor: 2.8). https://doi.org/10.1007/s00203-023-03776-6
- **Kumar, Vinit**, Ji, G., Deori, M. and Verma, M.K. (2023), "Content analysis and sentiment analysis of pro- and anti-vaccine conversations on YouTube in India: intentions and causes", Global Knowledge, Memory and Communication, Vol. ahead-of-print No. ahead-of-print, (ISSN: 2514-9342)(Journal Impact Factor: 1.8). https://doi.org/10.1108/GKMC-07-2023-0244.
- Saikia, S., **Kumar, Vinit** and Verma, M.K. (2023), "Analyzing user sentiments toward selected content management software: a sentiment analysis of viewer's comments on YouTube", Information Discovery and Delivery, Vol. ahead-of-print No. ahead-of-print, (ISSN: 2398-6247) (CiteScore 4.4). https://doi.org/10.1108/IDD-01-2023-0009
- Pandey, R and **Kumar, Vinit** (2023), "A Survey of the Metadata Element Sets Used for Digital Art Objects in the Online Collections of the Museums of India", DESIDOC Journal of Library & Information Technology, Vol 43 Iss: 4, pp 226-233, (ISSN: 0976-4658). https://doi.org/10.14429/djlit.43.4.19228

vi. Dr. Somipam R. Shimray:-

a) R. Shimray, S., Tiwari, S., & Ramaiah, C. K. (2023). Retractions covered by retraction watch from 2017 to 2022: A perspective from Indian researchers. *Global Knowledge, Memory and Communication*. https://doi.org/10.1108/GKMC-09-2023-0332

b) b)Shimray, S. R. (2023). Research Misconduct: A Comprehensive Examination of Retracted Publications in Biomedical Literature. *Journal of Information and Knowledge*, 361–370. https://doi.org/10.17821/srels/2023/v60i6/171172

vii. **Dr. Nitesh Kumar Verma:-**

a) Bwsrang Basumatary, Mayank Yuvaraj, Nitesh Kumar Verma & Manoj Kumar Verma (2023). Mapping of the selected literature on Robotic Technology Applications in Libraries based on SCOPUS database: A Subjective Computational Review. Library Hi-Tech, Vol. ahead-of-print No. ahead-of-print. DOI: https://doi.org/10.1108/LHT-02-2023-0031

b) Verma, Nitesh Kumar; Nazim, Mohd; Verma M. K. (2023). Unveiled Public Sentiments on Balasore (India) Train Tragedy: An analysis based on YouTube videos' comments. World Digital Libraries - An International Journal, 16(2), 97-118. DOI: http://dx.doi.org/10.18329/09757597/2023/16208. ISSN No.: Print ISSN : 0974-567X. Online ISSN : 0975-7597.

9. Attended/Participated in conference/Seminar/workshop inside country (during 01.04.2023-31.03.2024)

i. Prof. K. L. Mahawar:

a) **Prof. K. L. Mahawar** presented a paper entitled "Implementation Strategies and Sustainability of Repository in Birbal Sahni Institute of Palaeobotany, Lucknow, Department of Science and Technology, Ministry of Science and Technology, Government of India: An Evaluative Study. International Conference on Empowering Libraries Connecting Communities -2023 organised by MANLIBNET on 05-07 Oct 2023.

b) As National Organizing Committee Member: The Birth Centenary Celebration of Padma Shri Prof. P. N. Kaula" jointly organized by Rajasthani Medical Library Associations (RMLA) and Department of LIS, University of Rajasthan, Jaipur held at University of Rajasthan, India on 17 March 2024.

ii. Prof. M. P. Singh:

a) As Organizing Committee Member: Workshop at the Silver Jublilee, 25th INDO-US on "Flow Cytometry and its Application in Biology" jointly organized by Trust for education

and training in cytometry of pharmaceutical Sciences, held at BBAU, Lucknow, India on 3rd and 4th February 2024.

iii. Prof. S. K. Sonkar:

a) Participated as Resource person 11th International library and information professional summit(I-LIPS) on New and Innovative Libraries in Digital Era: service and practice. Galgotia university library & SOUL, Greater Noida India during April 13-15, 2023.

b) 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.

c) Participated as a resource person in the Two days multidisciplinary international conference. Digital transformation in education with chat/AI/web tools organised by humanities and liberal arts ,RNTU, Bhopal during 16-17 Feb 2024.

iv. Dr. Vinit Kumar:

a) **Dr. Vinit Kumar** presented a paper entitled "Design of an evaluation framework for content analysis of academic library portals" in the International Conference on Academic Libraries -2023 organised by University of Delhi on 06 April 2023

b) **Dr. Vinit Kumar** presented paper entitled "Implementation of Digital Scholarship in the Library and Information Science curriculum" at the national conference on Knowledge Transactions and Digital Scholarship -2023 organised by the Department of Library and Information Science, Banaras Hindu University, Varanasi on 10th April 2023.

10. Attendant/Participated in Conference/Seminar/Workshop outside Country: (during 01.04.2023-31.03.2024)

i. Prof. M. P. Singh:

a) As Convener: International Webinar on Role of Artificial Intelligence in Library Services: Challenges and Opportunities on theme of SLA-Asia @ 25: Empowering connections through inspiring innovation activities organized in the 25th glorious year celebration by the President, SLA-Asia Community, 30th March 2024.

ii. Dr. Vinit Kumar:

a) **Dr. Vinit Kumar** attended the International Training Workshop on Open Science and SDGs from 28th August 2023 to 8th Sept 2023 in Chinese Academy of Science, Beijing China. He delivered a lighting talk on Status of Open Science and Sustainable Development Goals in India in this training program.

iii. Dr. Somipam R. Shimray:-

a) **Dr**. **Somipam R. Shimray** Completed UGC-Sponsored Refresher Course in Library and Information Science, held during 11-23 September, 2023.

11. Detail of invited lecture inside Country:

i. Prof. K. L. Mahawar:

a) Prof. K. L. Mahawar delivered an invited talk on Role of e- resources in the ICT environment in India on 26th August, 2023 in the Refresher Course on Recent Trends and Technologies in LIS Education and Services organised by UGC-HRDC, Doctor Harisingh Gour Vishwavidyalaya, Sagar – 470003 (MP) India.

b) Prof. K. L. Mahawar delivered an invited talk (Micro Teaching) on Role of e- resources in the ICT environment in India on 26th August, 2023 in the Refresher Course on Recent Trends and Technologies in LIS Education and Services organised by UGC-HRDC, Doctor Harisingh Gour Vishwavidyalaya, Sagar – 470003 (MP) India.

c) 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.

ii. Prof. M. P. Singh:

a) Delivered Lecture on "Role of Women in Sustainable Development" in the 2nd International Conference on Women in Multifaceted Research (ICWMR-2024) organized by Gopal Narayan Singh University, Jamuhar, Rohtas, Bihar, India Held on to 10th-12th March 2024.

b) Delivered invited talk in ASLIP Conclave 2023 (International Conference on Library Technology Relationship) on "Empowering Research with open science: A New Frontier" jointly organized by Association of Senior Library and Information Professionals (ASLIP) and J.L.N. Medical College, Ajmer (Raj.) on November 17-18, 2023, at J.L.N. Medical College, Ajmer.

c) Delivered Invited talk on "Quality Distance Education in the context of National Education Policy 2020" in the National Seminar on "Educational Autonomy under National Education Policy 2020: Provision & Prospects" organized by Jiwaji University and ITM University, Gwalior, Madhya Pradesh India held during 15th -16th July 2023.

iii. Prof. Shilpi Verma:

a) Verma, Shilpi (2024) was invited to talk in a Webinar on Women's Leadership in Academic Higher Education: Challenges and Prospects organized by Stree Shakti on 3rd February 2024.

b) Verma, Shilpi (2024) delivered an invited talk on "Role of Libraries in Tours and Travel Management and Preservation of Cultural Heritage" in the Management Development Program (MDP) on tourism and Travel Management sponsored by MSME from 4th to 9th March 2024.

c) Verma, Shilpi (2024) delivered a talk on the "Role of Save and Educate Girl Child" an analysis of the effectiveness of Beti Bachao, Beti Padao, to save, educate, and empower the girl child organized by the Department of Education on 8th March 2024.

d) Verma, Shilpi (2024) delivered two invited talks on 16th March 2024, on "Online refresher course in Library and Information Science" conducted by the UGC-MMTTC, Sambalpur University from 15th March 2024 to 28th March 2024.

e) Verma, Shilpi (2024) delivered a plenary talk on "Exploring Indian Know Tradition and National Education Policy 2020: an insightful journey" in Navyug Kanya Mahavidyalaya, Lucknow on 20th March 2024.

f) Verma, Shilpi (2024) presented on the topic "HEIs and Academic Leadership: challenges and solutions" in a five-day residential program "Nurturing Future Leadership Program" (NFLP) under the aegis of Madan Mohan Malviya Teachers Training Program in IIT Roorkee from 26th to 30th March 2024.

g) Verma, Shilpi (2024) delivered an invited talk on "Enhance the capacity of writing a research paper/review of books for publication" in ICSSR sponsored "Two-week capacity building programme for Young Social Science faculty" organized by BHU, Varanasi from 15th May to 28th May 2024.

h) Verma, Shilpi (2024) delivered an invited talk on "Developing capacity for conceptualizing and writing a research proposal" in ICSSR sponsored "Two-week capacity building programme for Young Social Science faculty" organized by BHU, Varanasi from 15th May to 28th May 2024.

i) Verma, Shilpi (2023) delivered a talk on "Redefining the role of Libraries in the present era" on 22nd Sep 2023 in Refresher Course in Library and Information Science from 11th Sep to 23rd Sep 2023 organized by HRDC-R T Maharaj Nagpur University, Nagpur (Maharashtra))

j) Verma, Shilpi (2023) delivered a talk on "Library 2.0: Technologies for building new 2.0 world in Refresher Course in Library and Information Science from 11th Sep to 23rd Sep 2023 organized by HRDC-R T Maharaj Nagpur University, Nagpur (Maharashtra)).

k) Verma, Shilpi (2023) delivered a talk on "Redefining the Role of Libraries in Today's Digital Environment" on 29th Aug 2023 in Refresher Course on recent trends and technologies in LIS education and Services from 24th Aug to Sep 2023 organized by HRDC-Dr. Harisingh Gaur University, Sagar (MP).

l) Verma, Shilpi (2023) delivered a Keynote talk on the Future of Libraries in the Digital Age in Celebration of Librarian's Day on 13th Aug 2023 organized by Social Development Federation, agar in online mode in prog Special Lecture on Relevance of S R Ranganathan in Present & future Library Services.

m) Verma, July (2023) delivered a talk to Library staff and students of DLIS, MGCU, Motihari, Bihar on the topic: Latest trends in LIS with special reference to NEP and the status of libraries in today's era on 30th July 2023.

n) Verma, Shilpi (2023) delivered a talk on "Status of Libraries in Competitive era " to interns and staff of the Library of Chatrapati Sahu ji Maharaj University, Kanpur on 26.7.23 organized by Central Library, CSJM, Kanpur.

o) Verma, Shilpi (2023) delivered a talk on IPR: Technology Transfer and commercialization in Two days National Seminar on "Intellectual Property Rights with a focus on Copyrights and Patents" organized by IQAC, Jahangirabad Institute of Technology, Jahagirabad Fort, Barabanki (UP) on 10-11 July 2023.

iv. Prof. S .K. Sonkar:

a) Chaired technical session in the 11th International library and information professional summit(I-LIPS) on New and Innovative Libraries in Digital Era: service and practice. Galgotia university library & SOUL, Greater Noida India during April 13-15, 2023.

b) Delivered invited tall in the Two days multidisciplinary international conference. Digital transformation in education with chat/AI/web tools organised by humanities and liberal arts ,RNTU, Bhopal during 16-17 Feb 2024.

c) Chaired technical session in the International Conference on Reimagining smart libraries: emerging technologies. Innovation, and knowledge creation, IILM University, Guru gram during may 10-11.

v. Dr. Vinit Kumar:

a) **Dr. Vinit Kumar** delivered a talk on "Strategies for Choosing a Web-Scale Discovery Service: Key Considerations" in an online refresher course in Library and Information Science organised by HRDC, RashtrasantTukadoji Maharaj Nagpur University, Nagpur on 21 September 2023.

b) **Dr. Vinit Kumar** delivered lectures and conducted hands-on DSpace in the National Seminar cum Hands on Practice on Library Automation and Digitization Software at Jiwaji University, Gwalior organised by School of Studies in Library and Information Science on 24 September 2023

c) **Dr. Vinit Kumar** delivered an invited talk on "AI Based Tools for Literature Search" in the 2nd International Conference on Research Methodology (ICRM-2023) organised by Dr Shakuntala Mishra Rehabilitation University, Lucknow and Science Tech Institute, Lucknow. In this talk, he discussed about the features of some of the available literature discovery tools and tools for conducting systematic review on 28th Oct 2023.

d) **Dr. Vinit Kumar** delivered an invited lecture on "Decoding Academic Publishing: Navigating Journal Selection, Copyright Protocols, and Identifying Predatory Practices" as resource person in the Capacity Building Programme on Public Policy and Governance in India organised by, Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 29th Nov 2023

e) **Dr. Vinit Kumar** delivered, three invited lectures on "Social and Educational Research – meaning, nature, purpose, and scope", "Approaches to Research in Social Sciences" and Identifying Research Problem" in the Two-week Capacity Building Programme (CBP) for Young Social Science Faculty on 16th Jan 2024. The programme is organised by the Institute of Education, Bundelkhand University, Jhansi and Indian Council of Social Science Research, New Delhi.

f) **Dr. Vinit Kumar** delivered, invited lectures on "Exploratory Data Analysis" in the three days training programme on Survey techniques and data analysis organised by State Planning Institute, Government of Uttar Pardesh, Lucknow. The programme was attended by newly recruited Group I and II officers of state departments on 24th Jan 2024.

g) **Dr. Vinit Kumar** delivered, it was great to share my views on data visualisation in the National Webinar on "Unlocking Library Data: Transforming Raw Data Into Insights through Visualisations" organised by LNMIIT Central Library, Jaipur. He discussed about role of data visualisation in libraries and shared live demonstration of generating visualisation of library data on 16th Feb 2024

h) **Dr. Vinit Kumar** delivered lectures and demonstrations on "Unveiling Moodle: Open Source Learning Management System (OS-LMS)" in the Technical Sessions- XVIII & XIX of the Six-day National Level Online Workshop On Unlocking Knowledge: Open Access Solutions (UKOAS-2024) organised by the Vishwa-Bharti Library Network on 23.02.2024.

i. **Dr. Vinit Kumar** delivered the 3rd lecture in the "Prof BN Chatterjee Lecture Series" at the Department of Applied Economics, University of Lucknow on 09 March 2024. The topic of the lecture was "AI-Based Tools for Literature Search and Systematic Reviews."

12. Details of invited lectures outside Country:

i. Delivered Invited talk at the 17th International Conference on Webometrics, Informetrics and Scientometrics (WIS) held at West University, Dhaka, Bangladesh held during 8th to 10th December 2023.

13. Details of National Awards/Fellowship:

i. **Prof. K. L. Mahawar** received Best Teacher of the Year Award-2023 conferred by Mahatma Gandhi Central University (MGCU)

ii. **Prof. M. P. Singh** received Library Personality of the Year Award-2022 conferred by Association of Senior Library and Information Professionals (ASLIP) at Mahatma Gandhi State Institute of Public Administration, Chandigarh on April 22, 2023.

iii. Verma, Shilpi (2023) **Best Teacher Award** on National Librarian's Day by Social Development Federation Academic Excellence Award under Professor category in Library and Information Science.

iv. Verma, Shilpi (2023) **Women Empowerment** byAkash Welfare Foundation for Outstanding Work for Women Empowerment.

v. Verma, Shilpi (2023) Asian Biological Research Foundation Awards for **Outstanding Extension Professional Award** in the field of Nature and Natural Sciences (ICNS 2023) organized and hosted by Rani Durgavati Vishwavidyalaya (RDVV), Jabalpur (M.P.) in association ABRF Prayagraj, ICFRE-TFRI, Jabalpur, The American University, USA, Institute of Learning & Development, Hong Kong, Arunodaya University, Itanagar (Arunachal Pradesh), Mahakaushal University (MKU), Jabalpur, Govt. M. H. College of Home Science & Science for Women, Jabalpur, Shri Guru Teg Bahadur Khalsa College, Jabalpur and GESA, New Delhi.

14. Details of International Awards/Fellowship:

i. **Dr. Vinit Kumar** received travel grant from the Chinese Academy of Sciences, China to attend the International Training Workshop on Open Science and SDGs from 28th August 2023 to 8th Sept 2023 in the Chinese Academy of Science, Beijing China.

15. Details of related to Good Governance at the Department level to ensure transparency/student participation/time bound results etc.

i. Committees for MOOCs, implementation of NEP, Project assessment were formed for proper implementation in the department. The course coordinator and CBCS coordinator at departmental level was appointed to keep track of results of CBCS and finalising the exam schedules etc. One lecture in a week on every Friday "Mann Ki Baat" is scheduled in time table to discuss the issues of students face to face with head and faculty members. Students are encouraged to participate in various pledges such as Vigilance Awareness pledge, Swachatta Pledge etc.

16. Students Achievements:

i. Accomplishment of the students.

Number of students completed their Masters/graduation/Diploma	BLIS	17
	MLIS	26
Number of student pursuing higher education	BLIS to MLIS	06
Number of student selected on other government Jobs/bank/banking/School teaching etc:-	Ram Bhawan (UPPSC)	01
Number of student awarded SLET/NET/JRF/any other fellowship	NET-JRF (Anurag Vidyarthi)	01

ii. Ph. D Awarded during the year:

S. No	Students	Guide	Title	Fellowship availed/availing
1	Ram Bhawan	Prof. K. L. Mahawar	Adoption And Functionality of Koha Integrated Library Management System In Centrally Funded Technical Institutions In Indai: A Study	UGC SRF
2	Avinash Kumar Singh	Prof. K. L. Mahawar	Awareness and Use of Reference Management Software Among The Research Scholars of The Central Universities In India: A Case Study of Library and Inforamtion Science Research Scholars	Non-NET Fellowship
3	Preeti	Prof. K. L. Mahawar	Library Services In The Hotel Management Institutions In India : A Study	UGC -JRF
4	Mr. Sanjay Kumar	Prof. M. P. Singh	Human Resource Management in Libraries of Indian Institute of Management in India: A Study	UGC -JRF
5	Mrs. Komal Kirad	Prof. M. P. Singh	Redesigning Library Resources and Services for Users in Changing Environment of State University Libraries of Rajasthan: A Study	UGC -JRF
6	Ms. Shraddha Dixit	Prof. M.P. Singh	Sustainable Strategies Towards Green Libraries: A Study of National Institutes of Technology in India	UGC-NET
7	Mr. Sanjay Kumar	Prof. M. P. Singh	Human Resource Management in Libraries of Indian Institute of Management in India: A Study	UGC -JRF
8	Neha Kanojia	Prof. Shilpi Verma	Users' Perception, Adoption, And Usage Behavior For Open Access Journals: A Study Of Central University Libraries Of North India	NFSC
9	Kanchan Lata Bharti	Prof. Shilpi Verma	Implementation of Emerging Technologies In The Libraries of Central Universities In North East India: A Study	NFSC
10	Pratibha Kumari	Prof. Shilpi Verma	An Assessment of Services And Facilities Rendered By Central University Library For Divyangjan In Northern India: A Study	NFOBC
11	Neha Lata	Prof. S.K. Sonkar	Impact of Information And Communication Technology on Learning & Research Activities of Library And Information Science Students and Research Scholars: A Study Of Central Universities In North India	UGC-NFSCJRF
12	Mamta	Dr. Vinit Kumar	Service Quality In Libraries of Government Engineering Colleges In Haryana: An Analytical Study	UGC-NET
13	Khusbhu Thakur	Dr. Vinit Kumar	Application of Text Mining Techniques In Doctoral Theses of Library And Information Science Awarded In India	UGC-NFSTJRF

iii. Ph.D. thesis submitted during the year

Sl. No.	Students	Guide	Title	Fellowship availed/ availing
1.	Unzila Hurum	Prof. K. L. Mahawar	Implementation strategies and sustainability of repositories in the autonomous institutions of department of science & technology, ministry of science & technology, government of india: an evaluative study	MANF
2.	Pratibha	Prof. K. L. Mahawar	Inforamtion gathering tendencies of the users of libraries and visitors of museums in the tribal research institutes, ministry of tribal affaris, governement of india: a study	NET
3	Rajesh Kumar Paswan	Prof. Shilpi Verma	Need, Awareness And Use Of Collection And Services In Libraries Of National Institute Of Pharmaceutical Education & Research In India: A Study	NFSC
4	Bipin Kishore Lakra	Prof. Shilpi Verma	Need, Awareness And Use Of Library Resources Among The Users Of Indian Institute Of Science Education And Research: A Study	NFST
5	Shikha Patel	Prof. Shilpi Verma	Academic Use Of Web 2.0 Technology Among Lis Research Scholars In Central Universities Of Northern And North Eastern Region Of India	JRF
6	Suraj Kumar Dwivedi	Prof. Shilpi Verma	Preservation And Accessibility Of Manuscripts In University Libraries And Institutions Of Uttar Pradesh: A Study	NET

iv. Ph. D student's Pursuing

S. No	Students	Guide	Title	Fellowship availed/availing
1	KM Rinki	Prof. K. L. Mahawar	Awarness and Use Of Cloud Computing Techonology Among Library Professionals In NIRF Ranked University Libraries In Uttar Pradesh: A Study	UGC-NET
3	Pradeep Kumar Mahto	Prof. K. L. Mahawar	Coursework	JRF
4	Shweta Kumari	Prof. K. L. Mahawar	Coursework	JRF
5	Akansha Kushwaha	Prof. K. L. Mahawar	Coursework	UGC-NET
4	Y. Hormiyo	Prof. K. L. Mahawar	Coursework	UGC-NET
5	Sony	Prof. K. L. Mahawar	Coursework	UGC-NET
6	Ms. Isha Arya	Prof. M.P. Singh	Present Scenario and Future Prospectives of State University Libraries in Uttrakhand: A Study	UGC-JRF
7	Mr. Anurag Vidyarthi	Prof. M. P. Singh	Indian Contribution in Genome Sequencing and Bioinformatics	UGC-JRF

			Research: A Scientometric Insight	
8	Rajiv Ranjan Mishra	Prof. Shilpi Verma	Coursework	UGC-JRF
9	Shweta Verma	Prof. Shilpi Verma	Coursework	UGC-JRF
10	Manish Joshia	Prof. Shilpi Verma	Coursework	NFSC
11	Purnima	Prof. Shilpi Verma	Coursework	NFSC
12	Virendar Kumar	Prof. Shilpi Verma	Coursework	NFSC
13	Vikrant Dubey	Prof. Shilpi Verma	Coursework	NON-NET
14	Birgwsri Basumatary	Prof. Shilpi Verma	Coursework	NON-NET
15	Uttkarsh	Prof. S.K. Sonkar	Digitization, Preservation And Access Of Printed Cartographic Resources In Geological Survey Of India: A Case Study	UGC-JRF
16	Km Sunita	Prof. S.K. Sonkar	Coursework	UGC-NET
17	Surya Prakash Patel	Prof. S. K. Sonkar	Coursework	UGC-JRF
18	Sumit Kumar	Prof. S. K. Sonkar	Coursework	UGC-JRF
19	Aman Kumar Kushwaha	Dr. Vinit Kumar	Mapping Research Output And Publishing Preferences Of Academics In Nirf Ranked Medical Institutions In India: A Decadal Analysis	UGC-JRF
20	Anuj Dev	Dr. Vinit Kumar	Coursework	UGC-JRF
21	Udaykant Choudhary	Dr. Vinit Kumar	Coursework	UGC-NET
22	Vinay Manral	Dr. Vinit Kumar	Coursework	UGC-NFSC
23	Sakshi Tiwari	Dr. Somipam R Shimray	Coursework	UGC-NET
24	Pratiksha Bharti	Dr. Somipam R Shimray	Coursework	UGC-NET
25	Mohammed Zameer	Dr. Somipam R Shimray	Coursework	NET-JRF
26	Vishwajeet	Dr. Somipam R Shimray	Coursework	NET-JRF
27	Milan Singh	Dr. Nitesh Kumar Verma	Coursework	UGC-NET
28	Sagar singh Kushwaha	Dr. Nitesh Kumar Verma	Coursework	UGC-NET
29	Neeraj	Dr. Nitesh Kumar Verma	Coursework	NET-JRF
30	Amit Lal	Dr. Nitesh Kumar Verma	Coursework	UGC-NET

17. Google Profile of the Faculty members:-

1. Dr. K. L. Mahawar:-

Professor

Department of Library and Information Science,

	All	Since 2018
Citations	88	37
h-index	6	4
i10-index	2	0

2. Dr. Mahender Pratap Singh
Professor
Department of Library and Information Science,

	All	Since 2018
Citations	199	158
h-index	8	8
i10-index	6	6

3. Dr. Shilpi Verma:-
Professor
Department of Library and Information Science,

	All	Since 2018
Citations	177	125
h-index	7	5
i10-index	4	1

4. Dr. Vinit Kumar:-
Assistant Professor
Department of Library and Information Science,

	All	Since 2018
Citations	289	210
h-index	8	7
i10-index	7	7

5. Mr. Somipam R. Shimray:-
Assistant Professor
Department of Library and Information Science

	All	**Since 2019**
Citations	673	642
h-index	8	8
i10-index	8	8

6. Dr. Nitesh Kumar Verma:-
Assistant Professor
Department of Library and Information Science

Google Scholar	All
Citations	101
h-index	6
I10-index	4

Department of Information Technology

The Department of Information Technology (DIT) established in the year 2006-2007. The Department offers 2 years (4 semesters) M. Sc. (Information Technology), M. Tech (Software Engineering) Courses, M.Sc. Cyber Security (Evening), and PhD. programme in Information Technology. The Department has established a Computing Lab. An Internet facility is also available. Department has procured Wireless Access Points and Wireless PCI cards to make the Department fully Wi-Fi.

The final semester students are motivated to develop real time projects in reputed organizations. Seminars and group discussions are a regular feature of Department of Information Technology. Course curriculum of M. Sc. (Information Technology), has been prepared on consultation with the industry professional and practitioners. The Department has well qualified faculty members having live interaction and collaboration with other National and International institutions. They all are actively engaged in R&D activities. Department has executed 06 Major Research Project funded by UGC, and CSTUP. At present, 02 Major Research Project has been sanctioned to the Department funded by UGC, DST and UPCST.

The Department aims to promote modern area of Information Technology to the highest level of excellence. The environment in the Department is highly conducive for building of solid foundation of knowledge, hands-on experience, development of personality, creativity, and motivation to keep students and faculty members abreast with the latest development in the field of Information Technology. In addition to the academic development, proper attention is also given towards the personal development of students in co-curricular activities.

1. Course Offered:

i. M.Sc. (Information Technology)
ii. M.Tech. (Software Engineering)
iii. M.Sc. Cyber Security (Evening)
iii. Ph.D. (Information Technology)

2. Facilities available in the department:

i. Computer Lab
ii. Smart Classroom
iii. Departmental Library
iv. Research Lab
v. Server Room

3. Details of Faculty:

i. **Dr. Dhirendra Pandey**
Associate Professor& Head, DIT
Specialization: Software Engineering, Requirement Engineering.
Qualification: M.Sc. (Computer Sc.), M.Phil. (Computer Sc.) Ph.D. (Computer Sc.), JRF- NET

ii. **Prof. R.A. Khan**
Professor Specialization: Software Quality Estimation, Software Testing, Software Security.
Qualification: MCA. Ph.D

iii. **Dr. Raj Shree**
Associate Professor
Specialization: Mobile Ad Hoc Networks, Wireless Sensor Network, Routing, Security, Image Processing.

iv. **Dr. Pawan Kumar Chaurasia**
Assistant Professor
Specialization: Software Engineering, Data Mining.
Qualification: MCA. Ph.D.

v **Dr. Alka**
Assistant Professor
Specialization: Software Security, Information Security.
Qualification: MCA. Ph.D.(IT), GATE, NET.

vi **Dr. Amit Kumar Singh**
Assistant Professor
Specialization: Performance Modelling, Communication Networks, Quantum Computing,
Qualification:M.Tech., Ph.D.

v. **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.

4. Details of Seminar/ Conference organized by the Department:

i. 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.

ii. 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.

iii. 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.

iv. 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.

v. P K Chaurasia. (2023, September). Comprehensive Analysis of Cloud Security: Issues and Challenges. In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I). (IEEE Conference) 14-16 September 2023, Organized By Amity University, Noida, UP. DOI:10.1109/IC3I59117.2023.10398097

vi. P K Chaurasia. (2023, September) Prioritization of Medical Image Security Features: Fuzzy AHP Approaches. In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I). (IEEE Conference) 14-16 September 2023, Organized By Amity University, Noida, UP. DOI: 10.1109/IC3I59117.2023.10397913.

vii. P K Chaurasia. (2023, November). Enhancing Security of Medical Image Transmission: An Innovative Fuzzy-AHP Approach. In 5th International Conference on Trends in Computational and Cognitive Engineering. (Springer Conference) 24-25 November 2023 Organized by PSIT, Kanpur UP. https://doi.org/10.1007/978-981-97-**1923-5_36**

5. Details of Book Chapter in edited volume: Available at below

i. Prof. R. A. Khan

Books Authored

- Software Security: Concepts & Practices 9781003220404 CRC Press International2023.
- Digital Watermarking Techniques for Medical Image Security Using the Fuzzy Analytical Hierarchy Process 9781003220404 CRC Press International 2023
- Software Durability: Concepts and Practices 9781003220404 Concepts and Practices. CRC Press, 2023. International 2023 .
- Software Durability: Concepts and Practices, 1st Edition, Kumar, R., Khan, S. A., & Khan, R. A, CRC Press, ISBN: 978-10-0332-235-1, https://i.org/10.1201/9781003322351, Boca Raton, Florida.
- Software Security: Concepts & Practices, 1st Edition Khan, S.A., Kumar, R. and Khan, R.A., CRC Press, ISBN: 9781003330516, https://doi.org/10.1201/9781003330516, New York, United States of America.
- Software Engineering: A Practitioners Approach, Khan R A, Agrawal A, Narosa

Publication, ISBN: 978-81-8487-381-8, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, Oxford UK: http://www.alphasci.com/books_display.asp?title=1-84265-909-0)

- Software Quality: Concepts and Practices, Khan R A, Mustafa K and Ahson S I, Narosa Publication, ISBN: 978-81-7319-722-2, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, Oxford UK: http://www.alphasci.com/books_display.asp?title=1-84265-305-9)
- Software Testing: Concepts and Practices, Mustafa K & Khan R A, Narosa Publication, ISBN: 1-84265-367-9, http://www.narosa.com/computer_science.asp (Also published by its Int. Associate, Alpha Science, Oxford UK: http://www.alphasci.com/books_display.asp?title=1-84265-367-9) [also translated into Chinese Language by Science publication, sciencep.com.]
- Computational Intelligent Security in Wireless Communications, 1st Edition, Khan, S.A., Kumar, R., Kaiwartya, O., Khan, R.A. and Faisal, M (2023). CRC Press, ISBN: 9781003323426, https://doi.org/10.1201/9781003323426, Boca Raton, Florida.

ii. Dr. Dhirendra Pandey

Book Chapter

a) "A Fusion of VANETs and IoT for Intelligent and Secure Communication." In *Modelling and Simulation of Fast-Moving Ad-Hoc Networks (FANETs and VANETs)*, pp. 140-154. IGI Global, 2023.

iii. Dr. Raj Shree

Books Authored

- Book title "MODE: A Societal Transform", Dr. Seema Dalakoti, Dr. Ravi P. Pandey, Prof. Himanshu Singh, Dr. Raj Shree, Rubicon Publications, ISBN:9781804339879

Book Chapter

- "Blockchain-Based E-Healthcare Monitoring System Using Internet of Healthcare Things (IoHT): Blockchain in Healthcare," Book: Role of 6G Wireless Networks in AI and Blockchain-Based Applications, IGI Global, USA, 2023. DOI: 10.4018/978-1-6684-5376-6.ch002.
- "Deep Learning-Based Suppression of Speckle-Noise in Synthetic Aperture Radar (SAR) Images: A Comprehensive Review." In: Kumar, A., Ghinea, G., Merugu, S., Hashimoto, T. (eds) *Proceedings of the International Conference on Cognitive and Intelligent Computing.* Cognitive Science and Technology. Springer, Singapore, 2023. https://doi.org/10.1007/978-981-19-2358-6_62.
- "A Fusion of VANETs and IoT for Intelligent and Secure Communication." In *Modelling and Simulation of Fast-Moving Ad-Hoc Networks (FANETs and VANETs)*, pp. 140-154. IGI Global, 2023.
- "National Cadet Corps Frontline workers in Covid 19 pandemic." In: R. C. Sobti, Vipin Sobti (eds) Frontline Workers and Women as Warriors in the Covid-19 Pandemic, Routledge India, London, 2022. https://doi.org/10.4324/9781003324515.
- "The Internet of Things in Healthcare: Benefits, Use Cases, and Major Evolutions." In: Buyya, R., Garg, L., Fortino, G., Misra, S. (eds) New Frontiers in Cloud Computing and Internet of Things. Internet of Things. Springer, Cham, 2022.https://doi.org/10.1007/978-3-031-05528-7_15
- "A Feature Based Classification and Analysis of Hidden Markov Model in Speech Recognition." In: Tavares, J.M.R.S., Dutta, P., Dutta, S., Samanta, D. (eds) Cyber Intelligence and Information Retrieval. Lecture Notes in Networks and Systems, vol 291. Springer, Singapore, 2022.https://doi.org/10.1007/978-981-16-4284-5_32.

iv. **Dr. Pawan Kumar Chaurasia**

Book Chapter

a) Pawan Kumar Chaurasia (2023): Security Architecture and Applications: Blockchain Perspective, International Conference on Research Innovations: Trends in Science and

Technology, AIP Publishing, ISSN 1551-7616, AIP Conf. Proc. 2954, 020028-1–020028-8; https://doi.org/10.1063/5.0179677

b) Pawan Kumar Chaurasia (2023): Deep multi-view learning for healthcare domain, CRC Press, Computational Intelligence Aided Systems for Healthcare Domain, June 2023, Taylor and Francis, eBook ISBN9781003368342,ISSN: 9781003368342, DOI: https://doi.org/10.1201/9781003368342

v. Dr. Alka

Book Chapter

- "Integrating Cybernetics into Healthcare Systems: Security Perspective." In Computational Intelligent Security in Wireless Communications, pp. 161-172. CRC Press, 2023.
- "Managing IoT – Cloud-based Security" In Computational Intelligent Security in Wireless Communications, CRC Press, 2023.
- A Cybersecurity Perspective of Machine Learning Algorithms." *Computational Intelligent Security in Wireless Communications* (2023): 221.
- "Digital Watermarking Techniques for Medical Image Security Using the Fuzzy Analytical Hierarchy Process." In *Biomedical Research, Medicine, and Disease*, pp. 45-53. CRC Press, 2023.

vi. Dr. Abhishek Verma

Book Chapter

a) "Modeling and Design of an Autonomous Amphibious Vehicle with Obstacle Avoidance for Surveillance Applications", In Intelligent Computing for Sustainable Development, pp. 246-257. Springer, Cham, 2024.

Edited Book

b) "Intelligent Analytics for Industry 4.0 Applications", ISBN: 9781032342412, 2023, (CRC Press), Editors: Avinash Chandra Pandey, Abhishek Verma, Vijaypal Singh Rathor, Munesh Singh, Ashutosh Kumar Singh

7. Paper published during the year by the faculty members (during 01-04.2023- to 31-03-2024)

i. Prof. R.A. Khan

a) "Securing communication protocols in military computing Network Security Vol. 2024, No. 31872-9371 2024.
b) Securing military computing with the blockchainComputer Fraud &SecurityVol. 2024, No. 2
c) Evaluating Security of Big Data Through Fuzzy Based Decision-Making Technique Computer Systems Science & Engineering,44, 859-872 0267-6192 Group II 2023
d) A Framework for Securing Saudi Arabian Hospital Industry: Vision-2030 Perspective Intelligent Automation & Soft Computing,36, 2773-27862326-005XGroup II2023.
e) P2ADF: a privacy-preserving attack detection framework in fog-IoT environmentInternational Journal of Information Security, 1-14 1615-5270 -2023.
f) Reinforcing Li-ion batteries with electrochemical impedance Spectroscopy Materials Today: Proceedings, 2214-7853 2023.
g) Quantitative Assessment of Software Security by Quantum Technique Using Fuzzy TOPSISResearch Square 2693-5015 Peer-reviewed 2023.
h) Prediction of breast cancer based on computer vision and artificial intelligence techniquesMeasurementVolume 218, 15 August 2023, 113230 0263-2241-2023.
i) Fuzzy-Based Unified Decision-Making Technique to Evaluate Security Risks: A Healthcare Perspective Mathematics Volume 2554 2227-7390 Group II. 2023
j) Use Cases of Smart Contracts in Decentralized Health Infrastructure Advances in Information Communication Technology and Computing Proceedings of AICTC 2022volume 628, pp 497–509 2367-3389 2023
k) A privacy-preserving attack detection framework in Fog-IoT environment, International Journal of Information Security, 1615-5270 Group II 2023.

l) A neutron septic AHP-based computational technique for security management in a fog computing network Journal of Super Computing, vol.79, pp.295-320, 1573-0484 .2023.
m) Development of a Model for Trust Management in the Social Internet of Things Electronics,12,412079-9292,2023\
n) Securing healthcare information system through fuzzy based decision-making methodology Health Informatics Journal,28 1741-2811 2023

ii. Dr. Dhirendra Pandey

a) "Analysis Of Attacks On E-Gov: A Study",*Journal of the Indian Institute of Bankers,*vol 9 (1), 00194921, pp. 86-91, 2022.
b) "A Review of Incremental Reuse Method in Software Reuse Process."*International Journal for Research in Applied Science and Engineering Technology*. 10. 4071-4074. 10.22214/ijraset.2022.43333, 2022.
c) "An Analysis of Security Issues for Cloud Computing,"*InternationalResearchJournal of Management Science &Technology*,vol 13 Issue 5, pp. 163-172, 2022.
d) "A novel paradigm: cloud-fog integrated IoT approach." In *2022 3rd International Conference on Computation, Automation and Knowledge Management (ICCAKM)*, pp. 1-5. IEEE, 2022.
e) "An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic" Processes 10, no. 5: 838. https://doi.org/10.3390/pr10050838,2022.
f) "Requirements Engineering Process Model Add-On for Software Development." *International Journal of Research and Review* 9, no. 2 (2022): 142-146.
g) "Security Introspection for Software Reuse." *International Research Journal of Engineering and Technology (IRJET)*, e-ISSN: 2395-0056, vol 09 Issue: 05, May 2022.
h) "Software Reuse: Extraction from Repository."*International Journal of Research in Engineering and Science (IJRES)*, 139-142, 2022.
i) "Study of requirements engineering process model." *IJRAR–International Journal of Research and Analytical Reviews (IJRAR)* 9, no. 2 (2022): 135-141.
j) "RSA based encryption approach for preserving confidentiality of big data." *Journal of King Saud University-Computer and Information Sciences* 34, no. 5 (2022): 2088-2097.

iii. Dr. Raj Shree

- Dr. Rajshree: Deep learning-based suppression of speckle-noise in synthetic aperture radar (sar) images: A comprehensive review'
- Dr. Rajshree: Altered white matter integrity in euthymic children with bipolar disorder: A tract-based spatial statistical analysis of diffusion tensor imaging
- Dr. Rajshree: Blockchain-Based E-Healthcare Monitoring System Using Internet of Healthcare Things (IoHT): Blockchain in Healthcare
- Dr. Rajshree: The UAV-Assisted Wireless Ad hoc Network
- Dr. Rajshree: A Fusion of VANETs and IoT for Intelligent and Secure Communication

iv. Dr. Pawan Kumar Chaurasia

- P. K. Chaurasia et. al (2024), "Suspicious User Access Detection in Digital HealthcareInfrastructurethrough a Hybrid Ensemble Learning Model", IEEE Internet of Things Journal. (Indexed in Web of Science, Impact Factor: 9.936 Submitted= Under Review).
- P. K. Chaurasia (2023), "A Fuzzy TOPSIS-Based Approach for Comprehensive Evaluation of Bio-Medical Waste Management: Advancing Sustainability and Decision-Making", International Journal of Sustainability, Vol 15(16), ISSN: 2071- 1050. https://doi.org/10.3390/su151612565 (Impact Factor 3.889)
- P. K Chaurasia et. al. (2023) "A Trailblazing Framework of Security Assessment for Traffic Data Management", International Journal of Intelligent Automation & Soft Computing", Vol 37 (2), https://doi.org/10.32604/iasc.2023.039761 (Indexed in Web of Science, Impact Factor: 3.401.

v. Dr. Alka

a) A Fuzzy TOPSIS-Based Approach for Comprehensive Evaluation of Bio-Medical Waste Management: Advancing Sustainability and Decision-Making ,Sustainability**2071-1050**Peer-Reviewed 2023
b) Enhancing Healthcare Management during COVID-19: A Patient-Centric ArchitecturalFramework Enabled by Hyperledger Fabric Blockchai Information **2078-2489** Peer-Reviewed 2023

- A privacy-preserving attack detection framework in fog-IoT environmentInternational Journal of Information Security 1615-5262 Peer- Reviewed 2023.
- A Framework for Securing Saudi Arabian Hospital Industry: Vision-2030 Perspective Intelligent Automation & Soft Computing, 36, 2773-2786 2326-005X Group II 2.0 2023.
- A neutrosophic AHP-based computational technique for security management in a fog computing networkJournal of Super Computing, vol.79, pp.295-320, 1573-0484 Group II 2023.
- Securing healthcare information system through fuzzy based decision-making methodology Health Informatics Journal,28 1741-2811Group II3.02023.
- Fuzzy-Based Unified Decision-Making Technique to Evaluate Security Risks: A Healthcare Perspective Mathematics, Volume 11Issue11Pages2554 2227-7390Group II2.42023.

vi. Dr. Abhishek Verma

- Goel, S., Verma, A., & Jain, V. K. (2023). CRA-RPL: A Novel Lightweight challenge-Response authentication-based technique for securing RPL against dropped DAO attacks. Computers & Security, 132, 103346. Elsevier.
- Boukhamla, A. Z. E., & Verma, A. (2023). HyDroid: android malware detection using network flow combined with permissions and intent filter. International Journal of Mobile Communications, 22(1), 70-91. Inderscience.
- Goel, S., Verma, A., & Jain, V. K. (2023, August). A Lightweight Mitigation Approach for Addressing DDAO Attacks in RPL-based Internet of Things. In Proceedings of the 2023 Fifteenth International Conference on Contemporary Computing (pp. 580-586).
- Sharma, G., Grover, J., & Verma, A. (2023, December). A Lightweight Security Solution for Mitigation of Hatchetman Attack in RPL-based 6LoWPAN. In 2023 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) (pp. 750-755). IEEE.
- Prajapati, A. K., Pilli, E. S., Battula, R. B., & Verma, A. (2023, October). A Defense Solution to Secure Low-Power and Lossy Networks Against DAO Insider Attacks. In TENCON 2023-2023 IEEE Region 10 Conference (TENCON) (pp. 261-266). IEEE.

8. Details of invited inside the country:

i. Dr. Pawan Kumar Chaurasia

- 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.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short Term course (19th - 25th) March 2024, on “Ensuring Security in MOOC Documents” Organized By organized by GNDU, Amritsar.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short Term course (13th - 26th) February 2024, on “Cyber Security: Indian Perspective” Organized By organized by GNDU, Amritsar.
- Expert Lecture in Malaviya Mission Teacher Training Centre University Grant Commission Sponsored Online Short Term course (13th - 26th) February 2024, on “Cyber Law In India” organized by GNDU, Amritsar.
- Expert Lecture in One Week AICTE Training And Learning (ATAL) Faculty Development Programme In Cyber Security And Cyber Forensics 15th - 20th JANUARY 2024, on “Cyber Security and Its Laws” Organized By Department Of Electronics And Communication Kamla Nehru Institute Of Technology Sultanpur, Uttar Pradesh (Offline Mode).

8. Details of invited lecture outside the country

i. Dr. Pawan Kumar Chaurasia

a) Title: "Trust Management in Social Internet of Things: A Road Map", International Conference on Smart Computing Technologies and Business Management Strategies", Organized by Chandigarh Business School of Administration, LandranIn Collaboration With Perdana University, Malaysia, 2022.

9. Details of Research Projects (major/minor):

Dr. Dhirendra Pandey

- 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)", Sponsored By: Council of Science and Technology, U.P., Duration: 3 Years,Grant Amount: Rs11,94,000.00.

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. "(Project I.D. 1040)", Sponsored By: Council of Science and Technology, U.P., Duration: 3 Years, Grant Amount: Rs11,94,000.00.

10. Details of patents filled/ awarded:

i. PatentNumber:409667(DesignPatent)

ii. Patent Title:IoT Based Electric Vehicle Energy Consumption Predicting DeviceDateofAward: 7th March 2024 DateofGrant:10th May2024 PatentNumber:2021101744

11. Student achievements:

i. Accomplishments of students

Number of students completed their Master/ Graduation/ Diploma	M.Sc. (IT , and M.Tech(SE)	77
Number of student awarded SLET/ NET/ JRF/ any other fellowship	01	00

ii. Ph.D. Awarded during the year:

SL No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
1	Adil Hussain Seh	Prof. R.A.Khan	Dr. P.K.Chaurasia	Addressing Cyber-Security of Healthcare Information System using Proactive Security Mechanism",	Non-Net fellowship
2	Jasleen Kaur	Dr. Alka		Design and Development of a Mechanism to Secure Data in Fog-based IoT Environment	MANF

iii. Ph.D. thesis submitted during the year- (04)

SL No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
1	Masood Ahmaed	Prof. R.A.Khan	Dr. Rajeev Kumar	Medical device security assessment through	Pwd NFST

				computational technique	
2	Mohd. Nadeem	Prof. R.A.Khan	Dr. Rajeev Kumar	Evaluating software security through quantum techniques	Non-Net fellowship
3	NehaYadav	Dr. P.K. Chaurasia		Security Enhancement of Connected and Autonomous vehicles: Multi Criteria Decision Making and Blockchain Approach	Non-Net Fellowship
4	Satish Kumar	Dr. P.K. Chaurasia		Improving security of medical image transmission: Fuzzy-AHP Approach	Non-Net Fellowship
5	Sabita Khatri	Dr. Alka		Development of Blockchain Framework to Secure Electronic Health Records: COVID-19 Perspective	Non-Net fellowship
6	Anshita Singh	Dr. Raj Shree	Dr. Uttam Kumar	Neural Pattern Recognition in Children with Psychiatry Disorder",	DST

iv. **Ph.D. student's Pursuing**

SL No.	**Students**	**Guide**	**Co-guide**	**Title**	**Fellowship availed/ availing**
1	Suman	Prof. R.A.Khan		Software security testing: valnearability assessment and penetration testing security challenges	Non-Net fellowship
2	Sandeep Kumar Verma	Prof. R.A.Khan		Industry 5.0 in Healthcare Perspective	Non-Net fellowship
3	Sandhya Satyarthi	Dr. Dhirendra Pandey		Identification and removal of requirement specification defects using defect detection reading techniques and tools for Quality software	RGNF
4	Sujit Kumar Dwivedi	Dr.Dhirendra Pandey		Managing Web application Data Security on Cloud Platform	
5	Manish Joshi	Dr.Dhirendra Pandey		Detection of Cyber bullying in Code Mixed Language using Soft Computing Techniques	RGNF
6	Vinay Kumar Sahu	Dr.Dhirendra Pandey		Design of Layered Security Framework for Iot Applications: Healthcare Perspective	
7	Vishal	Dr. Alka		Classification and Prediction of Diseases using Machine Learning Techniques in Healthcare Domain	Non-Net Fellowship
8	Jaya Yadav	Dr. Amit Kumar Singh		Stochastic Modeling for Optimizing Traffic Steering in O-RAN	Non-Net Fellowship
9	Apoorva Singh	Dr. Raj Shree		Zero Shot Image Classification Using Pseudo lables	Non-Net Fellowship
10	Ashwani Kant Shukla	Dr. Raj Shree		Design a Fusion-based Framework for Despeckling	Non-Net Fellowship

				of Synthetic Aperture Rader(SAR)	
11	Baljeet Ram	Dr. Amit Kumar Singh		Optimizing Performance and Energy Efficiency in O-RAN	NFSC(RGNF)
12	Anuj Kumar	Dr. Alka		Security in Digital Forensic using Block-Chain	Non-Net Fellowship
13	Vipin Kumar	Dr. Amit Kumar Singh		QosBased Resource Allocation in marco/micro cells under O-RAN	Non-Net Fellowship
14	Richa Kesharwani	Dr.Dhirendra Pandey		Machine and deep learning approaches for the effective classification of remote sensining images	Non-Net Fellowship
15	Mausmi Devi	Prof.R.A.Khan		Cyber Security in Healthcare Big Data	Non-Net Fellowship
16	Preeti Ranjan	Dr. Abhishek Verma			RGNF

12. Google profile of the faculty:

i. **Dr. Dhirendra Pandey**
Citations 1271
h-index 18
i10- index 29

ii. **Prof. R.A. Khan**
Citations 5128
h-index 36
i10- index 143

iii. **Dr. Raj Shree**
Citations 932
h-index 17
i10- index 28

iv. **Dr. Pawan Kumar Chaurasia**
Citations 234
h-index 8
i10- index 5

v. **Dr. Alka**
Citations 3134
h-index 29
i10- index 78

vi. **Dr. Amit Kumar Singh**
Citations 203
h-index 9
i10- index 8

vii. **Dr. Abhishek Verma**
Citations 1123
h-index 13
10- index 15

भाषा एवं साहित्य विद्यापीठ

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 उच्च स्तरीय 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।

1. **विभागों की संख्याः 02**–हिंदी विभाग, अंग्रेजी विभाग (सैटेलाईट कैम्पस)
2. **संकाय सदस्यों की संख्या (विभागवार):** हिंदी विभाग 06, अंग्रेजी विभाग, 02

हिंदी विभाग

2013 में स्थापित हिन्दी विभाग, भाषा एवं साहित्य के क्षेत्र में शिक्षण के पाठ्यक्रम संचालित करता है। बाबासाहेब के स्वप्नों एवं आदर्शों के अनुरूप ही विभाग ने साहित्य–शिक्षण–दर्शन को अंगीकार किया है। अंतर–अनुशासनिक अध्ययनों की प्रासंगिकता देखते हुए विभाग ने परा–स्नातक पाठ्यक्रम को नितांत नया रूपदिया है, उसमें राष्ट्रीय संस्कृति एवं वैचारिकी को गहराई से समावेशित किया है तथा उसे वैश्विक रूप देने की भी कोशिश की है। विभाग में शोध पर पाठ्यक्रम भी संचालित हो रहे हैं। वर्तमान में विभाग केंद्रीय पुस्तकालय के पूर्ण तया वातानुकूलित द्वितीय तल पर स्थित है तथा छः स्थाई शिक्षक उसमें नियुक्त हैं। कवि, आलोचक एवं चिंतक प्रो. राम पाल गंगवार विभाग के वर्तमान अध्यक्ष हैं

2. <u>Courses Offered</u>

1. एम.ए. हिन्दी
2. पीएच.डी. हिन्दी

2. Facilities available in the Department like Departmental Library, Moot court etc.

i.	Classroom	- 03
ii.	Smart Classroom	- 01
iii.	Departmental Library	- 00
iv.	Laboratory	- 00

3. Details of Faculty:-

प्रो0 रामपाल गंगवार
संकायाध्यक्ष एवं विभागाध्यक्ष
विशेषज्ञता : मध्यकालीन हिन्दी काव्य, संत काव्य; विमर्श : दलित, संस्कृति; आलोचना; 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 : भक्ति कालीन कविता, आधुनिक कथा साहित्य, समकालीन कविता
शैक्षिक योग्यता : नेट., एम.फिल., पीएच.डी.

डॉ. बलजीत कुमार श्रीवास्तव
सहायक आचार्य
विशेषज्ञता : लोक साहित्य, प्रयोजन मूलक हिन्दी, पत्रकारिता
शैक्षिक योग्यता : नेट., पीएच.डी.

डॉ. शिव शंकर यादव
सहायकआचार्य

विशेषज्ञता : हिन्दी आलोचना, हिन्दी साहित्य का इतिहास, हिन्दी पत्रकारिता
शैक्षिक योग्यता : नेट., पीएच.डी.

डॉ. नमिता जैसल
सहायक आचार्य
विशेषज्ञता : हिन्दी नाटक, कथा साहित्य
शैक्षिक योग्यता : नेट., पीएच.डी.

डॉ. प्रीति राय
सहायक आचार्य
विशेषज्ञता : कथा साहित्य, तुलसी साहित्य, हिन्दी कविता
शैक्षिक योग्यता : नेट., पीएच.डी.

4. Details of the Seminar/Conference organized by the Department:

क्र0 सं0	संगोष्ठी / सम्मेलन / वेबिनार का नाम	विषय	तिथि	टिप्पणी
1.	कैंपस कविता	हिन्दी	28.04.2023	काव्य प्रतियोगिता एवं कविता पाठ
2.	कबीर जयंती	कबीर पर आधारित	24.06.2023	
3.	प्रेमचंद जयंती	प्रेमचंद का भारत	31.07.2023	
4.	रैदास जयंती	रैदास पर आधारित	24.02.2024	

5. Visitors of Department from inside the country:

- प्रो0 हरिशंकर मिश्र, पूर्व आचार्य, हिन्दी विभाग लखनऊ विश्वविद्यालय, लखनऊ।
- प्रो0 हितेन्द्र मिश्र, आचार्य एवं अध्यक्ष, पूर्वोत्तर पर्वतीय वि.वि., शिलांग, मेघालय।
-

6. Members/Fellowship of professional/Academic bodies/editorial board:

प्रो. आर. 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 सत्य साँइ मेडिकल एण्ड टेक्नोलॉजी सांइसेस विश्वविद्यालय, सेहोर, मध्य प्रदेश
- सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ

प्रो. सर्वेश कुमार सिंह

- सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ
- सदस्य,स्कूल बोर्ड, हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- सदस्य,बी.पी.जी.एस. एवंडी.आर.सी. हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- सदस्य, उदय प्रताप कालेज गर्व निंगबाडी, वाराणसी
- सदस्य, डी.आर.सी., हिन्दी विभाग साँची वि.वि., म.प्र.
- सदस्य, डी.आर.सी., हिन्दी विभाग डॉ0 शकुन्तला वि. वि., लखनऊ

डॉ. बलजीत कुमार श्रीवास्तव

- सदस्य, हिंदी सलाह कार समिति, सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय, (गृह मंत्रालय), भारत सरकार
- प्रचारमंत्री भारतीय हिन्दी परिषद् प्रयाग
- संपादक, शोध समीक्षा पीयररिव्यूड एण्ड रेफ्रीड रिसर्च जर्नल

- विषय विशेषज्ञ उ0 प्र0 भाषा संस्थान, लखनऊ एवं हिन्दुस्तानी एकेडमी, प्रयागराज
- सदस्य, सलाह कार समिति विश्वविद्यालय, अतिथिगृह, बी.बी.ए.यू.
- सदस्य, आजादी का अमृत महोत्सव, बी.बी.ए.यू.
- सदस्य, जी20, समिति, बी.बी.ए.यू.
- समन्वयक, डिबेटिंगक्लब, बी.बी.ए.यू.
- सहायक कुलानुशासक, बी.बी.ए.यू.

डॉ. शिवशंकर यादव

- सदस्य, बोर्ड ऑफ स्टडीज्, ख्वाजा मोईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ
- समन्वयक, आई.क्यू.ए.सी. हिन्दी विभाग, बी.बी.ए.यू.
- आजीवन सदस्य, भारतीय हिन्दी परिषद, प्रयाग
- सदस्य, अन्य पिछड़ा वर्ग प्रकोष्ठ, बी.बी.ए.यू., लखनऊ
- सदस्य, स्कूल बोर्ड, भाषा एवं साहित्य विद्यापीठ, बी.बी.ए.यू.
- सदस्य, NIRF, हिन्दी विभाग, बी.बी.ए.यू.
- समन्वयक, युवानमंच, हिन्दी विभाग, बी.बी.ए.यू.
- सदस्य, प्लेस मेंट सेल, हिन्दी विभाग, बी.बी.ए.यू.

डॉ. नमिता जैसल

- सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- सदस्य, डी.आर.सी., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- सह–संयोजक, साहित्यिक समिति, बी.बी.ए.यू., लखनऊ

डॉ. प्रीति राय

- सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
- समन्वयक, पुरातन छात्र हिन्दी विभाग, बी.बी.ए.यू., लखनऊ

8. Details of Books written/edited by faculty members:

प्रो. सर्वेश कुमार सिंह

- रामचरितमानस बनाम ग्राम चरितमानस, वाणी प्रकाशन दिल्ली, ISBN- 978-93-5775-034-9 द्वितीय संस्करण 2024

9. Details of Book Chapter in edited volume:

प्रो. रामपाल गंगवार

- स्वतंत्रता का पुर्नमूल्यांकन : जाति और लैंगिक विभेद के संदर्भ में, स्वाधीनता आंदोलन विविध संदर्भ, ISBN- 978-93-90879-86-1 प्रथम संस्करण 2023।
- हिन्दी भाषा के विस्तार में स्वाधीनता आन्दोलन की भूमिका, स्वाधीनता आन्दोलन विविध संदर्भ, प्रथम संस्करण– 2023, ISBN 978–93–90879–86–1 पृ0 137–142।

डॉ. बलजीत कुमार श्रीवास्तव

- भारतीय लोक जीवन मेंन दियों का सांस्कृतिक महाकाव्य, संस्कृति की पोषक नदियाँ, प्रकाशक–अखिल भारतीय साहित्य परिषद, न्यास नई दिल्ली पृ0 82–85 ISBN- 978-93-95128-07-0 प्रथम संस्करण 2023।
- औपनिवेशिक भारत के संदर्भ में प्रेमचंद के कथा साहित्य की वैचारिकता, साहित्य में औपनिवेशिकता, प्रकाशक–अखिल भारतीय साहित्य परिषद, न्यास नई दिल्ली पृ0 385–391 ISBN-978-93-95-128-08-7 प्रथम संस्करण 2023।
- हिन्दी साहित्य में भारतबोध, नये भारत का साहित्य, प्रकाशक–अखिल भारतीय साहित्य परिषद, न्यास नई दिल्ली पृ0 145–154 ISBN- 978-93-951-28-06-3 प्रथम संस्करण 2023।

10. Paper Published during the year by the faculty members:

प्रो. आर. पी. गंगवार

- अरुण कमल के काव्य में स्त्री, केरल ज्योति, ISSN 2320–9976 पृ025–28 मार्च 2024 यू.जी. सी. केयरलिस्ट।
- बिहारी सतसई की नारियों का स्वातंत्र्य बोध और प्रेमाकांक्षा, हिन्दुस्तानी भाग 84, अंक–2,, ISSN 0378–319X, अप्रैल–जून, 2023, यू.जी.सी. केयरलिस्ट।
- बिहारी सतसई का सेक्युलर मिजाज : एक अध्ययन, सम्मेलन पत्रिका, भाग108, अंक–1, ISSN2278–1773, अप्रैल–जून, 2023, यू.जी.सी. केयरलिस्ट।
- रोल ऑफ पैरेंटलइनवाल्व में अइन एजूकेशन– ए स्टडी, समदर्शी, भाग 16, अंक–4, ISSN2581–3986, सितम्बर, 2023, यू.जी.सी. केयरलिस्ट।
- जल संकट के संदर्भ में कुई यांजान उपन्यास, अपनी माटी, अंक 51, ISSN 2322–0724, जनवरी–मार्च 2024, यू.जी.सी. केयरलिस्ट।
- खन और विकिरण के परिप्रेक्ष्य में 'मरंगगोड़ानीलकंठहुआ' सम्मेलन पत्रिका, भाग–108 अंक–4, ISSN2278–1773, अक्टूबर–दिसम्बर 2023, यू.जी.सी. केयरलिस्ट।
- अलकासरावगी के उपन्यासों मे ंचित्रित नारी, सम्मेलन पत्रिका शोध त्रैमासिक, भाग–108, अंक–4, पृ077–84, ISSN 2278–1773, अक्टूबर–दिसम्बर 2023यू.जी.सी. केयरलिस्ट।
- आजादी के अमृत महोत्सव में हिंदी की स्थिति, बहुरिनहिंआवना, अंक–25, पृ029–32, ISSN2320–7604, अक्टूबर–दिसम्बर 2023 यू.जी.सी. केयर लिस्ट।
- गुजरात पाकिस्तान से गुजरात हिन्दुस्तान उपन्यास में शरणार्थियों की समस्यायें, समीचीन, 80–83, ISSN 2250–2335, अक्टूबर–दिसम्बर 2023 यू.जी.सी. केयरलिस्ट।
- कृष्णा सोबती की कहानियो में विभाजन की पीड़ा, शोध दृष्टि, भाग–14, अंक–9, पृ0 15–18, ISSN0976–6650, सितम्बर 2023।

प्रो. सर्वेश कुमार सिंह

- नरेन्द्र कोहली के राम, हिमांजलि, अंक–28, पृ0 05–12, ISSN 2349–4905, जुलाई–दिसम्बर, 2023।

डॉ. बलजीत कुमार श्रीवास्तव

- हिन्दी उपन्यासों में आदिवासी जीवन समवेत, वर्ष, 11, अंक–21, पृ0 95–101, ISSN 2321–6131, जनवरी–जून, 2023, यू.जी.सी. केयरलिस्ट।
- फीजी का सिरताजहिंदी, गगनांचल, वर्ष, 46, अंक–1–2, पृ0 147–151, ISSN 0971–1430, जनवरी–अप्रैल 2023, यू.जी.सी. केयरलिस्ट।
- प्रेमचंद के कथासाहित्य में औपनिवेशिकता, हिंदी अनुशीलन, वर्ष, 65, अंक–2, पृ0 42–48, ISSN 2249–930X, अप्रैल–जून, 2023, यू.जी.सी. केयरलिस्ट।
- भाषा के अग्रदूत बाबू श्याम सुंदर दास, हिन्दुस्तानी, भाग 84, अंक–3, पृ0 241–243, ISSN 0378–319X, जनवरी–सितम्बर, 2023, यू.जी.सी. केयरलिस्ट।
- अधुनातन संदर्भ में वैश्विक हिन्दी की स्थिति, विश्व हिंदी पत्रिका, विश्व हिंदी सचिवालय मारीशस पृ0, 106–113, ISSN 1694–2477, 2023।

डॉ. शिवशंकर यादव

- 'गायबहोतादेश' उपन्यास में विकास एवं विस्थापन की समस्या, एशियन जर्नल ऑफ एडवांश स्टडीज, वर्ष, 9, अंक–2, पृ0 89–95, ISSN 2395–4965, अप्रैल–जून, 2023।

डॉ. नमिता जैसल

- गिरधर कविराय के कुंडलियों में चित्रित ग्रामीण, एशियनबोहल शोध मंजूषा, वर्ष, 19, अंक–03, पृ0 18–21, ISSN 2395–7115, मार्च, 2024।

डॉ. प्रीति राय

- केदारनाथ सिंह के काव्य मेंकिसान, सत्राची पत्रिका, भाग–2 अंक 4, पृ0 136–14, ISSN 2348–8425, जुलाई–सितंबर 2023,यू.जी.सी. केयर लिस्ट।

11. Attended/participated in Conferences/seminar/webinar/ workshop inside Country:

पो. आर. पी. गंगवार

- संत कबीर अकादमी, संस्कृति विभाग, उ.प्र. एवं शिक्षा विभाग बी.बी.ए.य., द्वारा 14 दिसम्बर 2023 कोबी.बी.ए.यू. में, विषय–निर्गुण काव्यधारा और एकात्मकता के संदर्भ में महायोगी गोरखनाथ और संत कबीर का योगदान, सत्र संयोजक।
- उ.प्र. पंजाबी अकादमी हिन्दी विभाग, बी.बी.ए.य., द्वारा 17–18 फरवरी 2024 को बी.बी.ए.यू., में, विषय–गुरमति साहित्य में उ.प्र. के संत कवियों का प्रदेय, वक्तव्य।
- उ.प्र. जैनविद्या शोध संस्थान लखनऊ एवं हिन्दी विभाग बी.बी.ए.यू., एवं भारतीय हिन्दी परिषद प्रयागराज के संयुक्त तत्वावधान द्वारा बी.बी.ए.यू., में, विषय–भारतीय ज्ञान परंपरा में जैन साहित्य, वक्तव्य।
- हिन्दुस्तानी एकेडमी उ0प्र0 प्रयागराज, द्वारा 07 नवम्बर 2023 को आयोजित राष्ट्रीय संगोष्ठी, में वक्तव्य।
- प्रेमचंद साहित्य समारोह, हिन्दी विभाग, बी.बी.ए.यू., दिनाँक 31.07.2023, मुख्य वक्तव्य।
- हिन्दी पखवाड़ा समापन समारोह सी.एम.पी. डिग्री कॉलेज इलाहाबाद विश्वविद्यालय प्रयागराज में 15.09.2023 को मुख्य वक्तव्य।
- संयोजक, विश्वविद्यालय दिवस पर आयोजित एक दिवसीय राष्ट्रीय सेमिनार Prospectus and Challenges to get social justice trough e- governance" 10 January, 2024.

डॉ. बलजीत कुमार श्रीवास्तव

- महात्मा गांधी अन्तर्राष्ट्रीय हिंदी विश्वविद्यालय वर्धा एवं अयोध्या शोध संस्थान, संस्कृति विभाग द्वारा 28–29 नवम्बर 2023 को वर्धा में
  विषय–रामकाव्य की परंपरा और उसका प्रदेय
  विषय विशेषज्ञ–स्वातंत्र्योत्तर हिन्दी रामकाव्य में भारतीय संस्कृति
- 2. संत कबीर अकादमी, संस्कृति विभाग, उ.प्र. एवं शिक्षा विभाग बी.बी.ए.य., द्वारा 14 दिसम्बर 2023 कोबी.बी.ए.यू. में
  विषय–निर्गुण काव्यधारा और एकात्मकता के संदर्भ में महायोगी गोरखनाथ और संत कबीर का योगदान
  मुख्य वक्तव्य–गुरू गोरखनाथ का युग प्रबोधन
  मुख्य वक्ता– द्विवेदी युगीन काव्य में राष्ट्रीय चेतना के स्वर
- मानविकी एवं भाषा संकाय, महात्मा गांधी केन्द्रीय विश्वविद्यालय मोतिहारी द्वारा 12 दिसम्बर 2023 को बिहार में
  विषय–भारतीय कविता में राष्ट्रीय चेतना और सुब्रहमण्यम भारती
  मुख्य वक्ता– द्विवेदी युगीनकाव्य में राष्ट्रीय चेतना के स्वर
- उ.प्र. पंजाबी अकादमी हिन्दी विभाग, बी.बी.ए.य., द्वारा 17–18 फरवरी 2024 को बी.बी.ए.यू., में
  विषय–गुरमति साहित्य में उ.प्र. के संत कवियों का प्रदेय
  मुख्य वक्तव्य–गुरमति साहित्य में उ.प्र. के संत कवियों का प्रदेय
- उ.प्र. जैन विद्या शोध संस्थान लखनऊ एवं हिन्दी विभाग बी.बी.ए.यू., एवं भारतीय हिन्दी परिषद प्रयागराज के संयुक्त तत्वावधान द्वारा बी.बी.ए.यू., में
  विषय–भारतीय ज्ञान परंपरा मे जैन साहित्य

मुख्य वक्तव्य–गुरमति साहित्य में उत्तर प्रदेश के संत कवियों का योगदान

- 6. उपाधि महाविद्यालय, पीलीभीत एवं उ.प्र. निदेशालय द्वारा 30–31 मार्च 2024 को पीलीभीत में
  विषय–राष्ट्रीय एकता और हिन्दी
  विशिष्ट वक्ता–हिन्दी साहित्य में राष्ट्रीय एकता के स्वर

12. Details of invited lectures inside country:

प्रो. रामपाल गंगवार

- संत कबीर अकादमी, संस्कृति विभाग, उ.प्र. एवं शिक्षा विभाग बी.बी.ए.य., द्वारा 14 दिसम्बर 2023 कोबी.बी.ए.यू. में, विषय–निर्गुण काव्यधारा और एकात्मकता के संदर्भ में महायोगी गोरखनाथ और संत कबीर का योगदान, सत्र संयोजक।
- उ.प्र. पंजाबी अकादमी हिन्दी विभाग, बी.बी.ए.य., द्वारा 17–18 फरवरी 2024 को बी.बी.ए.यू., में, विषय–गुरमति साहित्य में उ.प्र. के संत कवियों का प्रदेय, वक्तव्य।
- उ.प्र. जैन विद्या शोध संस्थान लखनऊ एवं हिन्दी विभाग बी.बी.ए.यू., एवं भारतीय हिन्दी परिषद प्रयागराज के संयुक्त तत्वावधान द्वारा बी.बी.ए.यू., में, विषय–भारतीय ज्ञान परंपरा में जैन साहित्य, वक्तव्य।
- हिन्दुस्तानी एकेडमी उ0प्र0 प्रयागराज, द्वारा 07 नवम्बर 2023 को आयोजित राष्ट्रीय संगोष्ठी, में वक्तव्य।
- प्रेमचंद साहित्य समारोह, हिन्दी विभाग, बी.बी.ए.यू., दिनाँक 31.07.2023, मुख्य वक्तव्य।
- हिन्दी पखवाड़ा समापन समारोह सी.एम.पी. डिग्री कॉलेज इलाहाबाद विश्वविद्यालय प्रयागराज में 15.09.2023 को मुख्य वक्तव्य।
- संयोजक, विश्वविद्यालय दिवस पर आयोजित एक दिवसीय राष्ट्रीय सेमिनार Prospectus and Challenges to get social justice trough e- governance" 10 January, 2024.

13. Students achievements:

- Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesis submission/degree awarded. 02 (Ph.D)
- Number of students completed their masters/graduation/Diploma. **31**
- Number of students pursuing higher studies. **02**
- Number of student awarded SLET/NET/JRF/any other fellowship **06**
- **Details of the Publications of the students (Books/Article/Books' chapter):**

सुनीता–

- हिंदी साहित्य में प्रकृति चित्रण का बदलता स्वरूप, अपनी माटी, अंक 49, ISSN 2322–0724, दिसम्बर, 2023, यू.जी.सी. केयरलिस्ट।

राहुल कुमार–

- गिरधर कविराय के कुंडलियों में चित्रित ग्रामीण, बोहल शोध मंजूषा, वर्ष, 19, अंक–03, पृ0 18–21, ISSN 2395–7115, मार्च, 2024।

शिवानी राठी–

- जल संकट के संदर्भ में कुईयांजान उपन्यास, अपनी माटी, अंक 51, ISSN 2322–0724, जनवरी–मार्च 2024, यू.जी.सी. केयरलिस्ट।
- खन और विकिरण के परिप्रेक्ष्य में 'मरंगगोड़ा नीलकंठ हुआ' सम्मेलन पत्रिका, भाग–108 अंक–4, ISSN2278–1773, अक्टूबर–दिसम्बर 2023, यू.जी.सी. केयरलिस्ट।

अरविन्द कुमार यादव–

- 'गायब होता देश' उपन्यास में विकास एवं विस्थापन की समस्या, एशियन जर्नल ऑफ एडवांश स्टडीज, वर्ष, 9, अंक–2, पृ0 89–95, ISSN 2395–4965, अप्रैल–जून, 2023।
- 'ग्लोबलगाँव के देवता' उपन्यास में विभिन्न विसंगतियों का चित्रण, शोध पुंज, वर्ष 14, अंक–26 पृ0 143–149, 2229–7871, जनवरी–जून, 2023।

पूजारावत–

- शोध पत्र–केदारनाथ सिंह के काव्य में किसान, सत्राची पत्रिका, भाग–2 अंक 4, पृ0 136–14, ISSN 2348–8425, जुलाई–सितंबर 2023,यू.जी.सी. केयर लिस्ट।

राधा गौतम–

- अलका सरावगी के उपन्यासों में चित्रित नारी, सम्मेलन पत्रिका शोध त्रैमासिक, भाग–108, अंक–4, पृ077–84, ISSN 2278–1773, अक्टूबर–दिसम्बर 2023 यू.जी.सी. केयरलिस्ट।

श्रुर्तिकीर्ति अग्निहोत्री–

- अरुणकमल के काव्य में स्त्री, केरल ज्योति, ISSN 2320–9976 पृ0 25–28 मार्च 2024 यू.जी. सी. केयर लिस्ट।
- हिन्दी भाषा के विस्तार में स्वाधीनता आन्दोलन की भूमिका, स्वाधीनता आन्दोलन विविध संदर्भ, प्रथम संस्करण– 2023, ISBN 978–93–90879–86–1 पृ0 137–142।

पूनमलाकरा–

- गुजरात पाकिस्तान से गुजरात हिन्दुस्तान उपन्यास में शरणार्थियों की समस्यायें, समीचीन, 80–83, ISSN 2250–2335, अक्टूबर–दिसम्बर 2023 यू.जी.सी. केयरलिस्ट।
- कृष्णा सोबती की कहानियों में विभाजन की पीड़ा, शोध दृष्टि, भाग–14, अंक–9, पृ0 15–18, ISSN0976–6650, सितम्बर 2023।

गौरवकुमार–

- नरेन्द्र कोहली के राम, हिमांजलि, अंक–28, पृ0 05–12, ISSN 2349–4905, जुलाई–दिसम्बर, 2023।

27. Google profile of the faculty members, if available

1. प्रो. सर्वेशसिहhttp://scholar.google.com/citations?user=U2OMDggAAAAJ&hl=hi

School of Legal studies

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.

The School of Legal Studies brings together leading faculties, scholars, alumni, researchers and members of the legal profession to provide students with a range of transformative and innovative experiences, both inside and outside the classroom and promote legal and ethical values through legal education.

The School of Legal Studies comprises the following Departments.

I. Human Rights
II. Law
III. Centre of Post Graduate Legal Studies

Department Of Human Rights

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 17 in Department of Human Rights; LL.M. Course is 46 during the session 2023-24.

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.

2. Course Offered:

i. LL.M. in Human Rights
ii. Ph.D.

3. Facilities available in the department:

i. The Department is housed in School of Legal Studies Building.
ii. The Building is Wi-Fi connected.
iii. Two Classrooms, one Smart classroom, one Legal Aid Room and one Conference hall.
iv. 06 faculty chambers.
v. Computers have been provided to all the teachers.
vi. Three LCD projectors and one Laptop are available for students' classes and conference hall.
vii. Xerox Machine along with required furniture is also available in the Department.

4. Details of Faculty: Academic Profile (Teaching & Research)

Department has Three Professors, One Associate Professor and Two Assistant Professor at present. One post of Professor is vacant. Faculty Members are drawn from the disciplines of Law, Political Science and Human Rights.

i. **Prof. Priti Saxena,** Professor
Specialization: Constitutional Law, Constitutional Governance, and New Dimensions in Torts Law (Technology, Human Rights and Consumer Law)
Qualification: LL.M., Ph.D. in Law

ii. **Prof. Preeti Misra,**

Professor
Dean, School of Legal Studies
Specialization: Criminal Law, Women and Law, Family Law, Human Rights Law
Qualification: M.A. (Eco); B.Ed.; LL.M.; LL.D.; Proficiency in German

iii. **Prof. Shashi Kumar,** Professor & Head, Human Rights
Specialization: Human Rights, Indian Politics, Human Right Movement & Political Theory
Qualification: M.A (Political Science); Ph.D. in (Political Science)

iv. **Dr. Rashida Ather,** Associate Professor
Specialization: Human Rights, Humanitarian and Refugee Law, Rights of Women and Children
Qualification: M.A. (Human Rights) Ph.D. (Political Science (Human Rights))

v. **Dr. Ajay Singh Kushwah,** AssistantProfessor
Specialization: Human Rights, Women and Human Rights
Qualification: LL.B., M.A. (Human Rights) & Ph.D. (Human Rights)

vi. **Dr.RashwetShrinkhal,** AssistantProfessor
Specialization: Indigenous & Tribal Rights, Legal Theory, International Human Rights Law
Qualification: LL.M. (Human Rights), M.Phil-Ph.D. (International Law)

5. Details of Seminar / Conference organized by the department:
SEMINARS/ SYMPOSIUMS/ WORKSHOP

i. Two Day International Seminar to commemorate **'Human Rights Day'** on the topic of "**UDHR @75 years: Reflection on Achievements and Challenges**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 08th& 09th, 2023.

ii. One Day Awareness programme to commemorate the **'International Day of the Girl Child'** on the theme "**स्वास्थ्यऔरसफ़ाई**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 11, 2023.

iii. Legal Aid Programme on the topic "**भारतसरकारकीकल्याणकारीयोजनाएँ**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on October 23, 2023.

6. Other Departmental Level Academic Activities:

INTERNAL QUALITY ASSURANCE CELL

The Department works under three Forums for its academic and extension activities and one for alumni activity:

1. **ACADEMIC FORUM:**

The department has an Academic Forum with Prof. Shashi Kumar, as its Chairperson with Prof. Priti Saxena, Prof. Preeti Misra, Dr. Rashida Ather, Dr. Ajay Singh Kushwah and Dr.RashwetShrinkhal as members. It is meant for arranging seminars, symposiums, workshops and guest lectures. The Forum is also commemorating various days e.g. Law Day, Human Rights Day, AIDS Day & Women Day, Health Day etc., with students participation through debates and speeches.

2. **LEGAL AID CLINIC:**

The Department has a Legal Aid Clinic with Prof. Shashi Kumar as Chairperson, Dr. Ajay Singh Kushwah as its member. The LL.M. students have been deputed for working days in the Legal Aid Clinic. The Clinic is affiliated with State Legal Services Authority, Lucknow and District Legal Services Authority. The clinic is engaged in promoting human rights and legal literacy among the cross sections of the society. The clinic makes efforts to get in touch with NGOs working in the area of law and human rights.

3. **WALL MAGAZINE**:

The Department has a Wall Magazine Committee with Prof. Shashi Kumar as its Chairperson and Research Scholars and students as members. The efforts of the Committee is to gather the knowledge from all looks and corners from the legal experts, D.H.R. teachers and students and at the same time to disseminate the same back to the students for their benefit. The purpose of the wall magazine is to come out with new ideas and theories to improve and to add the knowledge. The contribution to this magazine is presently confined to faculty members, research scholars, and students of the DHR. The matter are displayed in four sections on the Wall Magazine-

i. **Publication-** The publication of abstracts and Research Papers.
ii. **Legal Updates-** Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites
iii. **Students' achievements-** information about students winning and participating in various competitions.
iv. **Information and Guidance**- information of career prospects and vacancies in the related field.

4. **SMRITI LATIKA:**

Smriti Latika, a directory which provides a valuable and informative platform for all teachers and students of the department to promote professional links between the department and its alumni. Prof. Shashi Kumar is its Patron, and Dr. Lav Lesh Kumar (President of Alumni Association), both through print and social media. The Alumni meet of the department is organised on every Third Sunday of February each year.

LECTURES

i. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Hon'ble Mr. Justice Vishnu Sahai (Retd.), Former Chairman, State Law Commission of Uttar Pradesh, Lucknow** as Chief Guest in International Seminar on December 8th& 9th, 2023.

ii. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Prof. Mohd. Mohibul Haque, Dept. of Political Science, Aligarh Muslim University, Aligarh** as Keynote Speaker in International Seminar on December 8th& 9th, 2023.

iii. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Prof. Matthew Kramer, Professor of Legal & Political Philosophy, University of Cambridge, U.K.**as Guest Speaker in International Seminar on December 8th& 9th, 2023.

iv. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Prof. Antonietta Elia, University of Santigo de Compostela (Spain)**as Guest Speaker on December 8th& 9th, 2023.

v. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Dr. Bhanu Pratap, Assistant Professor, Faculty of Law, University of Lucknow, Lucknow** as Guest Speaker on December 8th& 9th, 2023

vi. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Prof. Abdul Rahim Vijapur, Deptt. of Political Science, Aligarh Muslim University, Aligarh**as Guest Speaker on December 8th& 9th, 2023.

vii. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Prof. Vinod Khobragade, Deptt. of Political Science, BBAU, Lucknow**as Guest Speaker on December 8th& 9th, 2023.

viii. Organised Guest Lecture on Two Day International Seminar on the topic "**UDHR @75 years: Reflection on Achievements and Challenges**" by **Mario Kareem Love, Harris Stowe University, United State** as Guest Speaker on December 8th& 9th, 2023.

ix. Organised International Special Lecture on **'International Indigenous People's Day'** on the topic of **"Rights of Tribals and the Constitutional Schemes"** by **Prof. Dr. Thangzakhup Tombing, Assistant Professor of Law, National Law University and Judicial Academy, Assam** as Guest Speaker in International Special Lecture on August 09, 2023.

x. Organised International Special Lecture (Hybrid Mode) on **'International Indigenous People's Day'** on the topic of **"Rights of Tribals and the Constitutional Schemes"** by **Prof. M. Ravi Kumar Vejendala, Head, Dept. of History, Ambedkar School of Social Sciences BBAU, Lucknow** as Guest Speaker in International Special Lecture on August 09, 2023.

xi. Organised International Special Lecture (Hybrid Mode) on the topic of **"Intellectual Property Law and IT Law"** by **Dr. Bernd Justin Jutte, College Vice-Principal for**

Internationalisation and global Engagement, School of Law, University College of Dublin, Ireland as Guest Speaker in International Special Lecture on August 31, 2023.

xii. Organised Special Lecture to commemorate the 'National Legal Service Authority Day' on the topic of **"Working of Legal Clinics in Indian Law Schools"** by **Prof. (Dr.) A.P. Singh, Professor (Law), Dr. Ram Manohar Lohiya National Law University, Lucknow** as Guest Speaker in Special Lecture on November 09, 2023.

xiii. Organised Interactive Session Programme on 'Jan Jatiya Gaurav Diwas' on the topic of **"Engagement of ST students through mentoring for Coaching of Competitive Examination & Career Counselling/training etc."** by **Dr. Lata Bajpai Singh, Assistant Professor, Dept. of Rural Management, BBAU, Lucknow** as Guest Speaker in programme on November 20, 2023.

xiv. Organised Special Lecture on the topic of **"law as a Tool to Combat Climate Change"** by **Mani Prakash, Founder & Director, "Centre for Gender and Environment", India** as Guest Speaker in Special Lecture on December 12, 2023.

7. Co-curricular/Extra-curricular/sports Activities:

i. Cultural programs organized by students on various occasions like Teacher's Day, Welcome, Farewell etc., and Plantation drives.

8. Visitors of Department from inside the Country (01/04/2023 – 31/03/2024)

i. Hon'ble Mr. Justice Vishnu Sahai (Retd.), Former Chairman, State Law Commission of Uttar Pradesh, Lucknow.
ii. Prof. Mohd. Mohibul Haque, Dept. of Political Science, Aligarh Muslim University, Aligarh.
iii. Dr. Bhanu Pratap, Assistant Professor, Faculty of Law, University of Lucknow, Lucknow.
iv. Prof. Abdul Rahim Vijapur, Deptt. of Political Science, Aligarh Muslim University, Aligarh.
v. Prof. Vinod Khobragade, Deptt. of Political Science, BBAU, Lucknow.
vi. Prof. Dr.Thangzakhup Tombing, Assistant Professor of Law, National Law University and Judicial Academy, Assam.
vii. Prof. M. Ravi Kumar Vejendala, Head, Dept. of History, Ambedkar School of Social Sciences BBAU, Lucknow.
viii. Prof. (Dr.) A.P. Singh, Professor (Law), Dr. Ram Manohar Lohiya National Law University, Lucknow.
ix. Dr. Lata Bajpai Singh, Assistant Professor, Dept. of Rural Management, BBAU, Lucknow.
x. Mani Prakash, Founder & Director, "Centre for Gender and Environment", India.

9. Visitors of Department from Outside the Country (01/04/2023 – 31/03/2024)

i. Prof. (Dr.) Antonietta Elia, Former Senior Associate of Law, University of Santiago de Compostela, Spain.
ii. Prof. Matthew Kramer, Professor of Legal & Political Philosophy, University of Cambridge, United Kingdom.
iii. Mario Kareem Love, Harris Stowe University, United State.
iv. Dr. Bernd Justin Jutte, College Vice-Principal for Internationalisation and global Engagement, School of Law, University College of Dublin, Ireland

10. Members/fellowship of Professional/Academic bodies/editorial board:

i. Prof. Priti Saxena:

a) **Legal Expert in Panel** constituted Under Section15 of **Juvenile Justice (Care and Protection of Children) Act 2015,** for making Preliminary Assessment Reports of the children in conflict with law. (Dec. 2022 onwards)
b) **Member Academic Review Committee, MOOCs for Human Rights in UGC**
c) **Member, Expert Committee, of UGC** to inspect University/Colleges under UGC Regulations 2003, for establishment and Maintenance of Standards in PrivateUniversities.
d) Member, Subject Expert Committee of UGC to recommend Major ResearchProjects.
e) Member, Subject Expert Committee of UGC to recommend funds for organizing Seminarsetc. toColleges.
f) **Member,** Project Evaluation Committee for Legal Studies, **ICSSR, Delhi**
g) **Member & Member Co-Ordinator Peer Team NAAC, Bengaluru.**
h) **Member, Inspection Committee, Bar Council of India, New Delhi**

i) **Life Member,** Indian Law Institute, NewDelhi
j) **Life Member,** Indian Association for Social Sciences and Health,Mumbai
k) **Life Member,** Indian Institute of Public Administration, New Delhi
l) **Member, School Board,** School of Law & Governance, Central University South Bihar, Gaya (from 29 June, 2021 for two years)
m) **Member, School Board,** School of Law, IGNOU, Delhi.
n) **Member, Board of Studies** in Law, **Tezpur University Central University, Assam**
o) **Member DRC, Amity Law School, Amity University, Lucknow**
p) **Member DRC, Amity Law School, Amity University, Gurugram**
q) **Chief Editor** Journal for Legal Studies an International Journal of Legal Studies (ISSN2321-1059)
r) **Member Editorial Board,** JIMS JOURNAL OF LAW, ISSN: 2581-6837
s) **Member Advisory Board,** Shodh Prerak, A Multidisciplinary **QuarterlyInternational Refereed Research Journal**, **ISSN 2231 – 413X**
t) **Member Editorial Board,** Shodh Pravah, **A Refereed Research Journal**, (ISSN **2231-4113**)
u) **Member Editorial Board,** Emerging Researcher (**ISSN 2348-5590**)
v) **Member Editorial Board,** Ad Valorem (**ISSN2348-5485**)
w) **Member** National Advisory Board, 'UNIVERSITAS' An International Peer Review Journal ISSN 2229-5542
x) **Member, Advisory Board and Consultant Editor**, **TISS Journal, Mumbai** (2021 onwards)
y) **Member Advisory Board** Social Sciences & Humanities for the Bi-Annual Journal **Researcher-A Multidisciplinary Journal**, published by **University of JammuISSN 2278-9022** (2022 onwards)

ii. Prof. Preeti Misra:

a) External Member RAC Faculty of Law, Nirma University, Ahmedabad, Gujrat **w.e.f. 16.12.2023**
b) External Member, IQAC, Amity University, Lucknow Campus, **w.e.f. 14.04.2023**
c) External Member of Dept. Research Committee of University School of Law and Research, University of Science and Technology**, Meghalaya, w.e.f. 19 November 2022**
d) Member School Board, Central University of Punjab, **Bhatinda. w.e.f. 27.01.2022 to 27.01.2024**
e) Member Board of Studies, Department of Law, Central University of Punjab, **Bhatinda. w.e.f. 09.05.2024 to 09.05.2026 (for 2 Years)**
f) Member, Dept Research Committee, Shakuntala Misra National Rehabilitation University Lucknow, **w.e.f. 13.02.2023**
g) External Subject Expert of Law, Research Award Committee, Sant Gahira Guru Vishwavidyalaya, SargujaAmbikapur, **Chattishgarh, w.e.f. 22.08.2023 till date**
h) Member of Board of Studies, (Law) IFTM University, **Moradabad, w.e.f. 31.08.2021 to till date**
i) Ex Member Research Advisory Committee, Dept. of Law, **Tripura University, Agartala.**
j) Ex Member of Board of Post Graduate Studies (BPGS), Dept of Law, **Sikkim University, Gangtok w.e.f. 01.07.2020 till 01.07.2023**
k) Life member of Indian Society of Criminology (ISC), **Chennai(Membership No. 1324) w.e.f. 19.08.2008**
l) Life member of Indian Society of Victimology (ISC), **Chennai, w.e.f. 16.09.2014**
m) Life Member of Indian Association for Women's Studies, **New Delhi(Membership No. 27-L-0151)w.e.f. 27.05.2023**
n) Life member of Indian Association For Social Sciences and Health, (IASSH), **Bombay(Membership ID 292)**
o) Life Member of Council for Peace, Democracy And, Cultural Diversity, **Morena, M.P(Membership No. L85)**
p) Life member of Vidhi Bharti Parishad, New Delhi, **(Membership No. 185) w.e.f. Jan 2008.**

iii. Dr. Shashi Kumar:

a) Life Member, Indian Academy of Social Science, Allahabad.

b) Chairperson, Board of Studies, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
c) Chairperson, Departmental Council, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
d) Chairperson, Internal Quality Assurance Cell - IQAC, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
e) Chairperson, Department Level Committee to look into the issues of Grievances of Students, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
f) Chairperson, Admission Committee, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
g) Chairperson, Admission Committee, Dr. Ambedkar Centre of Excellence (DACE), BBAU, Lucknow govern by Central Ministry of Social Justice.
h) Coordinator, of Dr. Ambedkar Centre of Excellence (DACE)
i) Chairperson, Legal Aid Clinic, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.

iv. Dr. Rashida Ather:

a) Life Member, Indian association for Social Sciences and Health
b) Life Member, Indian Academy of Social Sciences, Allahabad
c) Memberof Institutional Ethics committee for stem cell research and Therapy, Department of Stem cell and regenerative medicine, Sushma Hospital , Lucknow.

v. Dr. Ajay Singh Kushwah:

a) Member, Board of Studies, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
b) Member, Departmental Council, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
c) Member, Internal Quality Assurance Cell - IQAC, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
d) Member, Department Level Committee to look into the issues of Grievances of Students, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
e) Member, Admission Committee, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
f) Member, Admission Committee, Dr. Ambedkar Centre of Excellence (DACE), BBAU, Lucknow govern by Central Ministry of Social Justice.
g) Assistant Coordinator, of Dr. Ambedkar Centre of Excellence (DACE) w.e.f. 20/06/2023.
h) Coordinator, Legal Aid Clinic, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
i) Warden, Ashoka Boys Hostel, BBAU, Lucknow w.e.f. 05/01/2023.
j) Member, Standing Organising Committee, BBAU, Lucknow.
k) Assistant Proctor, Proctorial Board, BBAU, Lucknow.

vi. Dr.RashwetShrinkhal:

a) Member, Board of Studies, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
b) Editorial Board, The Oriental Anthropologist [Sage Publication].
c) Member, Board of Studies, University Law College, Vinoba Bhave University, Hazaribagh
d) Former, Member, School Board, School for the Study of Culture, Central University of Jharkhand.
e) Member, Board of Studies, Department of Contemporary and Tribal Customary Law.
f) Life Member, Indian Society of International Law, New Delhi.
g) Life Member, Indian Anthropological Association, New Delhi.
h) Life Member, Alumni Association of JNU, New Delhi.
i) Editorial Board Member, VBU Journal of Law and Governance
j) Editorial Board Member, Chotanagpur Law Journal
k) Editorial Board Member, The Oriental Anthropologist
l) Editorial Board Member, DNLU Law Review.
m) Former Member Legal Cell, Central University of Jharkhand.
n) Member Cultural Committee, Central University of Jharkhand.

o) Former Member Water Committee, Central University of Jharkhand.
p) Member, Social Impact Assessment Committee, Central University of Jharkhand.
q) Former Member Procter Board, Central University of Jharkhand.
r) Former, Warden, Central University of Jharkhand.
s) Member, BPGS, DHR, SLS, BBAU, Lucknow.
t) Member, Admission Committee, DHR, SLS, BBAU, Lucknow.
u) Coordinator/Member Academic Forum Committee, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
v) Member, IQAC, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
w) Member, Grievance Redressal Cell (GRC) of Students, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
x) Coordinator/Member, Information and Guidance Cell, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
y) Member, Anti-Ragging Committee, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
z) Member, Wall Magazine, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.
aa) Member, Women Cell, Department of Human Rights, School of Legal Studies, BBAU, Lucknow.

11. Details of Books written/edited by faculty members:

i. **Prof. Priti Saxena** published 'An Assessment of the Role of Artificial Intelligence on Sustainable DevelopmentGoals' published in Digital Technologies and Distributed Registries for Sustainable Development Legal Challenges' 2024, Pages 3-23 https://link.springer.com/book/10.1007/978-3-031-51067-0

ii. **Dr.RashwetShrinkhal**published **"**Indigenous Peoples and Climate Change" IN A HANDBOOK OF INTERNATIONAL ENVIRONMENTAL LAW(DilipUkey& Anil Variath, eds., 2023) [**Thomson Reuters**] [Co-authored with Meenakshi Chaudhari] PP. 178-196.

iii. **Dr.RashwetShrinkhal**published"Indigenous and Tribal Rights and ILO Convention: A Critical Overview" IN TRIBAL LAW, POLICY AND JUSTICE (V.K. Ahuja, Poddar, D. & Tombing, T. eds., 2023) [**National Law University and Judicial Academy Press**] pp. 501-352.https://nluassam.ac.in/docs/pub/Tribal%20Law,%20Policy%20and%20Justice.pdf

12. Details of Books Chapter in edited volume:

i. **Prof. Preeti Misra** Published

a) **"Women's Right To Health And Healthy Environment : In the Context of Climate Change" in** *Nutrition and Health Education* (Ed) Dr. K. Saileela. Bonfring , Coimbatore, Tamil Nadu, **2023** Chapter 50 **Pp 519-532 ISBN:978-93-92537-47-9**

b) **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 (Under Publication)

c) **Block 3 Justice Delivery Unit 9 Legal Aid,** Master of Arts in Migration and Diaspora, Under the School of Interdisciplinary and Transdisciplinary Studies, IGNOU, ProgrammeCode MDI 010 - Law, Policies and Institutional Response to Human Trafficking and Migration (Under Publication)

d) **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 (Under Publication)

e) **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 (Under Publication)

ii. **Dr Rashida Ather and Yogendra Nath Tripathi**

a) Issues and challenges of child begging and rehabilitation and reintegration of child labours by child care institutions: An analysis from Indian perspective, in Rajkumar Yadav and

Mr Rahul SK, life of children at child care institution in India; a hidden truth (edited book), Satyam law international, June 2023, ISBN number- 978-93-91345.

13. Paper Published during the year by the faculty members (during 01/04/2023 – 31/03/2024)

i. **Prof. Priti Saxena** paper published on the topic "**Technological Innovations in India's Legal Sector for Access to Justice During and Post Pandemic**" published in Law and Development Review, 2024, ISSN 1943-3867 https://doi.org/10.1515/ldr-2024-0010

ii. **Prof. Priti Saxena** paper published on the topic "**Accomplishing Basic Needs with Sustainable Development Goals via Artificial Intelligence"** published in DEHRADUN LAW REVIEW (ISSN: 2231-1157), Vol-15, Issue-1 Nov. 2023, A Peer Reviewed Journal Listed in UGC Care (S. No.:523) pp 1-16.

iii. **Prof. Priti Saxena** paper published on the topic **"Economic Justice: A Critical Review of the Constitutional Objective and Judicial Approach"** published in Journal of Law Teachers of India (JOLTI) Vol 11, 2022-23, pp 1-23, ISSN No. 2231–1580 JOLT-India.

iv. **Prof. Priti Saxena** paper published on the topic **"भोजनकामानवाधिकारएवंअंतराष्ट्रीयस्तरपरखाद्यसुरक्षा: एकआंकलन"** Published in Mahila Vidhi Bharati July-Sep 2023 Vol. 116, pp. 241-250. (ISSN: 0976-0024)

v. **Prof. Preeti Misra** paper published on the topic"**Climate Change And Women's Human Rights: A Call For Gender-Responsive Solutions**" in "**Lex Revolution"**Quarterly Published International Peer Reviewed Research Journal of Social & Legal Studies, Volume IX (1) Jan-March 2023, Pp 63-79 **(ISSN 2394-997X)(Co-Author)**

vi. **Prof. Preeti Misra** paper published on the topic"Interrelationship Between Climate Change and Women's Health: A Study in Human Rights Perspective" Central University of Kashmir Law Review (CUKLR), Vol.3 (2023) **Pp**14-58 **eISSN 2583-6935,** Open Access, Peer Reviewed & Refereed Journal **(Co-Author)**

vii. **Prof. Shashi Kumar** paper published on the topic "**21वींसदीमेंदण्डकेसुधारात्मकसिद्धांत: मानवाधिकारकेसंरक्षणएवंचुनौतियाँ**" *AD VALOREM*, Journal of Law, Vol- 10, Issue-II, Part-I, April-June, 2023, ISSN- 2348-5485, 120R Impact Factor= 6.5

viii. **Prof. Shashi Kumar** paper published on the topic "**भारतीयकैदियोंकेपुनर्वासमेंसहायकमानवाधिकार**" *Shodhasamhita*, Vol. XI, Issue 1, January 2024, UGC Care List.

ix. **Dr Rashida Ather**, शिक्षा :बालभिक्षावृत्तिसेमुक्तिकाएकमात्रमार्ग, vol 10, Kanpur philosopher, June 2023, ISSN no 2348-8301

x. **Dr Rashida Ather**, भारतमेंबालभिक्षावृत्तिकीसमस्या : चुनौतियांएवंसमाधान, vol 47, Apani Mati, June 2023, ISBN no 2322- 0724.

xi. **Dr.RashwetShrinkhal** published paper on the topic "Implementation Mechanisms under International Law for Indigenous Peoples: A Critical Overview", in the **NIU International Journal of Human Rights,** Vol.X, 2023. https://niu.edu.in/niuijhr/

xii. **Dr.RashwetShrinkhal** published paper on the topic "Review of Flood Hazards in Kosi River – A Way Forward for Disaster Risk Reduction", in the **World Water Policy**, [Wiley publication] [In press] [co authored with S. Kumar, S. Shukla, A. Singh]

14. Attended/participated in Conferences/seminar/workshop inside Country:

i. **Prof. Priti Saxena** delivered lecture as Guest of Honour in the Valedictory Session in the National Seminar on 'Uncharted Facets Within The Legal Milieu and Resolutions- A Multidisciplinary Approach' organised by Amity Law School, Amity University Lucknow on 22-23 February 2024.

ii. **Prof. Priti Saxena** delivered Valedictory Address in 7th National Conference on 'Disability, Accessibility, Inclusion and Well-being' organised by Centre for Disability Studies and Action, School of Social Work, Tata Institute of Social Sciences, Mumbai in Collaboration with All India Institute of Physical Medicine and Rehabilitation (AIIPMR), Ministry of Health and Family Welfare, Govt. of India, International Purple Festival 2024, Office of the State Commissioner of Person s with Disabilities, Government of Goa, and AYJNISHD (D), Ministry of Social Justice & Empowerment, Govt. of India on 19th December 2023.

iii. **Prof. Priti Saxena** Keynote Speaker in Inaugural Session in Two Day National Seminar on 'Law and Technology- Future Prospects and Challenges in Digitalised World' organised by Vasudev College of Law, Haldwani, Uttrakhand on 16 December 2023.

iv. **Prof. Priti Saxena** delivered a lecture as Resource Person in National Commission of Women sponsored National Seminar on Personality Development and Professional Career Skills organised by School of Law, Desh Bhagat University Mandi, Gobindgarh, Fatehgarh Sahib Panjab on 21 April 2023.

v. **Prof. Priti Saxena** Special Speaker in National Seminar on 'Unrevealed Aspects of Ambedkar's Scientific Temperament and Reform in Nation Building' organised jointly by the Department of Mass Communication and Journalism and Standard Organising Committee of the BBA University on the occasion of Ambedkar Jayanti on 14 April 2023.

vi. **Prof. Preeti Misra** Presided over an Awareness Programme on World IPR Day (WIPRD)organized by Law Dept. BBAU on 26 April 2023.

vii. **Prof. Preeti Misra Chaired 2nd Technical Session** of the 'National Commission for Women (NCW), New Delhi' supported Capacity Building & Personality Development Programme (CB & PDP) for UG & PG Girls Students organized by NCC Unit, Sports Section & Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow, on 9th June 2023

viii. **Prof. Preeti Misra Chaired a Session** in **International Seminar** on **"UDHR @ 75 Years: Reflection on Achievements and Challenges"** to Commemorate the International Human Rights Day on 10th December 2023 organised by DHR, SLS, Babasaheb Bhimrao Ambedkar University, Lucknow

ix. **Prof. Preeti Misra Chaired** Technical Session 4 on **"Human Rights of Indigenous People"** in National E Seminar on "Protection of Human Rights in the Globalized World -Emerging Challenges" held on 4th February 2024 organized by Club of Law Students in Collaboration with Birla School of Law & Jagran School of Law

x. **Prof. Shashi Kumar** Presided over on Two Day International Seminar **'Human Rights Day'** on the topic of "**UDHR @75 years: Reflection on Achievements and Challenges**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 08th& 09th, 2023

xi. **Dr. Rashida Ather** organizing Secretary on Two Day International Seminar **'Human Rights Day'** on the topic of "**UDHR @75 years: Reflection on Achievements and Challenges**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 08th& 09th, 2023.

xii. **Dr. Ajay Singh Kushwah**JointSecretary on Two Day International Seminar **'Human Rights Day'** on the topic of "**UDHR @75 years: Reflection on Achievements and Challenges**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 08th& 09th, 2023.

xiii. **Dr. RashwetShrinkhal**coordinator on Two Day International Seminar **'Human Rights Day'** on the topic of "**UDHR @75 years: Reflection on Achievements and Challenges**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 08th& 09th, 2023.

15. Attended/participated in Conferences/seminar/workshop outside Country

i. **Prof. Priti Saxena**Presented a Paper titled 'Technological Innovations in India's Legal Sector for Access to Justice During and Post Pandemic' in Law and Development Post the Pandemic, International Conference organised by National University of Singapore 9th December 2023 (8-9 Dec.).

ii. **Prof. Priti Saxena**Key Speaker in the International Online Conference on "Digital Technologies and Law: Problems of Adapting Legal Norms to Fundamental Changes in the Social Environment" organized by Business Law Department, Law Faculty, Lomonosov Moscow State University, Moscow, Russia and spoken on 'Embracing EGovernance as a Techno-Legal Instrument to Achieve Public Welfare in India: Issues and Concerns' on 23 November 2023.

16. Consultancy works, if any

i. Legal Aid Clinic provides free legal consultancy.

17. Details of invited lectures inside country:

i. **Prof. Priti Saxena**delivered a lecture on ‘Constitution: A National Policy of India’ as Resource Person in Faculty Development Program sponsored by ICSSR and organised by Department of Political Science BBA University on 30th November 2023.

ii. **Prof. Priti Saxena**deliveredelivered a Lecture on 'Noting and Drafting' under office management to Non teaching friends of the University in a Hindi Workshop organised by Rajbhasha Hindi Officer BBAU Lucknow on 25 September 2023.

iii. **Prof. Priti Saxena**Addressed as Chief Guest in National Quiz on Constitutional Law 5 Edition organised by Amity University Lucknow and spoken on " Why Constitution Matters?" on 22 September 2023

iv. **Prof. Priti Saxena**Keynote Speaker in FDP on 19 June 2023 (19-24 June 2023) organised by Amity Law School Amity University Lucknow on ‘Accentuating the Importance of the Amalgamation of Related Disciplines in the Domain of Law’

v. **Prof. Priti Saxena**delivered a lecture on ‘Strategies to Conduct Research’ as Resource Person in FDP on Research Methodology organised by Rama University Kanpur on June 10th 2023.

vi. **Prof. Priti Saxena**delivered an invited talk on ‘Environmental Constitutionalism and SDGs’ in the “International Conference on Advancement in Science, Management, Technology, Social Sciences & Humanities-2023 (ICASMTSSH-23)”. Organised by Sant Gahira Guru Vishwavidyalaya, SargujaAmbikapur, Chhattisgarh, in Association with American Institute of Management & Technology (AIMT) USA and University of Maryland Eastern Shore, USA on 30th April, 2023.

vii. **Prof. Priti Saxena**Addressed as Chief Guest in e-Conference on New Criminal Laws organised by Mahatma Gandhi Central University, Motihari on 23March 2024.

viii. **Prof. Priti Saxena**delivered a lecture in Faculty Induction Program organised by UGC MMTTC Kumaun University Nainital on ‘Fundamental Duties in The Indian Constitution’ on 19 March 2024.

ix. **Prof. Priti Saxena**delivered a lecture in Faculty Induction Program organised by UGC MMTTC Kumaun University Nainital on 'Fulfilling Fundamental Duties: Navigating Bias, Universal Values, and Ethical Standards in Education and Research' on 19 March 2024.

x. **Prof. Priti Saxena**delivered a lecture in Short Term Course organised by UGC HRDC now MMTTC Kumaun University Nainital on Children and Human Rights on 16 March 2024.

xi. **Prof. Priti Saxena**delivered a lecture in Short Term Course organised by UGC HRDC now MMTTC Kumaun University Nainital on Women and Human Rights and Children and Human Rights on 16 March 2024.

xii. **Prof. Priti Saxena**delivered a lecture on ‘Constitutional Values and Human Rights’ in Constitutional law and Human Rights in Refresher Course in UGC HRDC University of Calcutta, Kolkata on 9th March 2024.

xiii. **Prof. Priti Saxena**delivered a lecture on ‘Human Rights Evolution and Constitution’ in Constitutional law and Human Rights in Refresher Course in UGC HRDC University of Calcutta, Kolkata on 9th March 2024..

xiv. **Prof. Priti Saxena**delivered a lecture as Guest Speaker in International Women's Day organised by Tejpur Central University, Assam and spoken on "Women in Leadership Roles at Higher Education Institutes" on 8th March 2024.

xv. **Prof. Priti Saxena**delivered a lecture as Resource Person on ‘Human Rights: A Perspective of Vulnerable Persons’ in Refresher Course on Human Rights (Multidisciplinary) conducted by Malaviya Mission Teacher Training Centre, University of Kashmir on 10th February 2024. (January 31, 2024 to 13 February 2024).

xvi. **Prof. Priti Saxena**delivered TWO lectures on ‘Human Rights and Fundamental Duties’ in Faculty Induction Program organised by UGC HRDC Kumaun University Nainital on 6th January, 2024.

xvii. **Prof. Priti Saxena**delivered TWO lectures on ‘Effective Leadership, Governance and Strategic Planning’ as a Resource Person in Faculty Induction Program organised by UGC HRDC University of Allahabad on 28 October 2023.

xviii. **Prof. Priti Saxena**delivered TWO lectures on ‘Effective Leadership, Governance and Strategic Planning’ as a Resource Person in Faculty Induction Program organised by UGC HRDC University of Allahabad on 28 October 2023.

xix. **Prof. Priti Saxena**delivered a lecture on "How, What and why to teach Constitutional Law?" as a Resource Person in a Refresher Course in Law organised by UGC HRDC Ranchi University on 23 September 2023.

xx. **Prof. Priti Saxena**Addressed as the Special speaker in the International Webinar on '**विश्वगुरुभारतऔरहिंदी**' organised by Vidhi Bharti Parishad and Yog Sanskriti Peeth jointly on 23 September 2023.

xxi. **Prof. Priti Saxena**delivered a lecture on " Methods and Techniques to teach Constitutional Law" as Resource Person in Refresher Course in Law organised by UGC HRDC University of Lucknow on 14 September 2023.

xxii. **Prof. Priti Saxena**delivered a lecture on 'Application of Research Methodology in Higher Education' in FDP organised by Raffles University Neemrana Rajasthan on August 19th 2023.

xxiii. **Prof. Priti Saxena**delivered a lecture on 'Judicial Approach on Rights of Persons with Disability' organised by Changemaker20 Summit and TISS Mumbai on 17th August 2023.

xxiv. **Prof. Priti Saxena**delivered a lecture on 'Environment and the Law' in Refresher Course organised by UGC HRDC Kumaun University Nainital on 14th August 2023.

xxv. **Prof. Priti Saxena**delivered a lecture on 'Elderly Persons Human Rights' in Refresher Course organised by UGC HRDC Jamia Milia Islamia Delhi on 12th August 2023.

xxvi. **Prof. Priti Saxena**delivered a lecture on Strategies of Teaching Human Rights Law in Indian Law Schools in FDP organised by Gujarat Maritime University and Law Teachers on 2nd August 2023.

xxvii. **Prof. Priti Saxena**delivered a lecture on'Origin and Development of Human Rights' in Faculty Induction Program organised by UGC HRDC Kumaun University Nainital on 15th July, 2023.

xxviii. **Prof. Priti Saxena**delivered a lecture on 'Fundamental Duties- Indian Perspectives' in Faculty Induction Program organised by UGC HRDC Kumaun University Nainital on 15th July, 2023.

xxix. **Prof. Priti Saxena**delivered a lecture as Resource person in one Week Faculty Development Program on Constitutional Values: A way forward to Igniting humanitarianism and promoting social welfare (Under GURU-DAKSHATA 2023) organised by Amity University Noida on July 5th 2023 on the topic ''Fundamental Duties—a reminder to the citizens to create a free, healthy, and responsible society.'

xxx. **Prof. Priti Saxena**delivered a lecture on 'Gender and Law-National framework and Same-Sex Marriage' in Short Term Course on Gender Studies organised by UGC HRDC Kumaun University Nainital on 1st July, 2023.

xxxi. **Prof. Priti Saxena**delivered a lecture on 'Gender and Law-International framework' in Short Term Course on Gender Studies organised by UGC HRDC Kumaun University Nainital on 1st July, 2023.

xxxii. **Prof. Priti Saxena**delivered a lecture as Resource Person on "Artificial Intelligence and IPR" in One Day National Seminar on the topic "Copyright Protection in Emerging Technology: Issues and Challenges" on 26 April, 2023 organised by Central University of South Bihar, Bodh Gaya.

xxxiii. **Prof. Priti Saxena**delivered a lecture on 'Constitutional Values and Human Rights' in Faculty Induction Program organised by UGC HRDC Allahabad University Prayagraj on 8th April, 2023.

xxxiv. **Prof. Priti Saxena**delivered a lecture on 'Constitutional Values and Fundamental Duties' in Faculty Induction Program organised by UGC HRDC Allahabad University Prayagraj on 8th April, 2023.

xxxv. **Prof. Preeti Misra,** "Legal Rights of Persons With Disabilities" in UGC HRDC, Ranchi University, Ranchi refresher course in law, on 26th September, 2023**(Online)**

xxxvi. **Prof. Preeti Misra,** "NAAC Criterion 7 – Institutional Values & Best Practices" National Level Workshop on NAAC Accreditation Process for Higher Educational Institutions (HEIs) and Health Science Institutions (HSIs) organised by Institutions for Academic Excellence on 30th and 31st October 2023

xxxvii. **Prof. Preeti Misra,** PhD Course Work Lecture on "Social Transformation in India" Organized by Dept. of Law, Kanpur University on 31 January 2024

xxxviii. **Prof. Preeti Misra,**Guest of Honour address on **"Intersectionality of Artificial Intelligence, Data Protection, IPRs and Cyber Law"** in Inaugural Session of National Seminar organized by Amity Law School, Amity University, Lucknow on the topic "Uncharted Facets Within the Legal Milieu Issues and Resolutions- A Multidisciplinary Approach" on 23 February 2024

xxxix. **Prof. Preeti Misra,**Invited lecture entitled **"Efficacy of International Institutions in Protecting Women and Children During Humanitarian Crisis"** delivered as Panelist in PD 4 in International Seminar organized by BHU on the topic "Exploring the Role of International Institutions in Resolving Contemporary Issues" from 1st to 3rd March 2024

xl. **Prof. Preeti Misra,Key Note Address** in a National Seminar on **09 March 2024**organised by Brahmanand PG College, Kanpur and sponsored by C.S.J.M. University, Kanpur on the topic **"Parliamentary Democracy and Judicial Independence in India"**

xli. **Prof. Preeti Misra,Invited lecture** entitled **"Fair and Responsible Artificial Intelligence For Consumers"** organized by School of Law IFTM University, Moradabad on World Consumer Rights Day 15 March 2024.

xlii. **Prof. Shashi Kumar** delivered special lecture in International Conference on "**Towards an Inclusive India**" organised by Quaid E Millath Muhammad Sahib Study Circle at Aligarh Muslim University on 29th February, 2024.

xliii. **Prof. Shashi Kumar** delivered chairman address on thematic panel "**Democracy and Human Rights**" in XVII Indian Social Science congress at University of Science and Technology Management Meghalaya on 05-09th February, 2024.

xliv. **Prof. Shashi Kumar** delivered thematic address in International Seminar on "UDHR @75 Years: Reflection on Achievements and Challenges" organised by Department of Human Rights, SLS, BBAU, Lucknow on 08-09th December, 2023.

xlv. **Dr.RashwetShrinkhal**Invited Guest Speaker to deliberate [Hybrid-mode] on the topic "Protection of Nomadic, Semi Nomadic and De-Notified Tribes in India and forward trajectory" at the NHRC, New Delhi on 19th January 2024.

xlvi. **Dr.RashwetShrinkhal**Invited Lecture to deliver an Online lecture on the topic "*Utilitarian Theory of justice: Jeremy Bentham*" for Ph.D. scholars at the Department of Law, CSJMU, Kanpur on 6th March 2024

xlvii. **Dr.RashwetShrinkhal**Invited Lecture to deliver an Online lecture on the topic "*Doctrine of Social Solidarity*" for Ph.D. scholars at the Department of Law, CSJMU, Kanpur on 7th March 2024

xlviii. **Dr.RashwetShrinkhal**Invited Guest Speaker to deliberate on the topic "Human Rights of Marginalised" at the induction training programme for newly appointed Civil Judges of UP (Phase I), JTRI, Lucknow on 13th March 2024

xlix. **Dr.RashwetShrinkhal**Invited Lecture to deliver an Online lecture on the topic "*Modern American Realist Theory*" for Ph.D. scholars at the Department of Law, CSJMU, Kanpur on 27th March 2024.

18. Details of Research Projects (major and Minor):

Name of Faculty member	Title of Projects	Funding Agency	Duration (Specific Dates)	Total grant	Role (PI/CO-PI)
Dr. Ajay Singh Kushwah	Awareness of Government's Welfare Schemes for Promotion of Human Rights in Adopted Villages of University	BBAU, Lucknow	03 months	Rs. 50,000	PI

19. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	LL.M.	40
Number of Student selected in Civil Services	UPPSC- 00	
Number of Students pursuing higher studies (Ph.D.)	00	
Teaching in Higher Education	04	
Number of student selected on other government jobs/banking/school/teaching etc	03	
Number of Students placed through campus interview	03 (HCL)	
Number of Students awarded SLET/NET/JRF/RGNF/ any other fellowship	07 (NET)	

ii. Ph.D. Awarded during the year:

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	Prashant Tripathi	Prof. Priti Saxena	Dr. Shashi Kumar	A Study of Technological Developments and Changing Dimensions of Law with Special Reference to Autonomous Systems and Artificial Intelligence	JRF	PhD. Award on 12/12/2023
2.	Ms. Deepika Rani	Prof. Priti Saxena	Dr. Rashida Ather	बाल शिक्षा एवं स्वास्थ्य के मानवाधिकार पर कोविड-19 का प्रभाव :लखनऊ शहर के सन्दर्भ में सामाजिक एवं विधिक अध्ययन	UGC- Non NET Fellowship	PhD. Award on 24/01/2024
3.	Shivpriya	Prof. Preeti Misra	Dr. Rashida Ather	Climate Change and Women's Health: A Socio Legal Study with Reference to Gorakhpur District of Uttar Pradesh	UGC- Non NET Fellowship	PhD. Award on 21/03/2024

iii. Ph.D. Submitted during the year:

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	Yogendra Nath Tripathi	Dr. Rashida Ather	Prof. Preeti Misra	A Socio Legal Study of Child Beggars in Varanasi City of Uttar Pradesh	UGC- Non NET Fellowship	Ph.D. Submitted on 05/08/2024
2.	Jitendra Kumar Saroj	Prof. Preeti Misra	Dr. Shashi Kumar	सामाजिक कुप्रथाएं, अन्धविश्वास और महिला मानवाधिकार: जौनपुर जिले के सन्दर्भ में एक सामाजिक एवं विधिक अध्ययन	UGC- Non NET Fellowship	Ph.D. Submitted on 02/08/2024
3.	Jaya Chaudhary	Dr. Rashida Ather	Prof. Priti Saxena	A Socio Legal Study of Women with Disabilities in Higher Educational Institutions of Lucknow City, U.P.	UGC- Non NET Fellowship	Ph.D. Submitted on 31/07/2024
4.	Ashok Kumar	Dr. Shashi Kumar	Prof. Preeti Misra	The Status of Sanitation Workers in India: A Socio-Legal Study in Human Rights Perspective in Lucknow, U.P.	UGC- Non NET Fellowship	Ph.D. Submitted on 27/07/2024

iv. Ph.D. student's pursuing:

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	Anurag Krishan Tiwary	Prof. Preeti Misra	Dr. Shashi Kumar	Status of Women Workers in Unorganised Sector- A Socio-Legal Study of Ranchi, Jharkhand	SRF	

2.	Dinesh Kumar	Prof. Preeti Misra	Dr. Shashi Kumar	Status & Impact of Inter-Caste and Inter Religious Marriage- A Socio-Legal Study with Reference to Lucknow, U.P.	UGC- Non NET Fellowship	
3.	Deepak Yadav	Dr. Shashi Kumar	Prof. Preeti Misra	दण्ड के सुधारात्मक सिद्धांत एवं पुर्नस्थापन नीतियाँ :लखनऊ जिले के आदर्श कारागार के संदर्भ में एक आलोचनात्मक अध्ययन	NFPwD	
4.	Mr. Pranjal Kharbanda	Dr. Rashida Ather	Prof. Priti Saxena	Right against discrimination and Protection of Sexual Minorities: A study of International Law and India Response	UGC- Non NET Fellowship	
5.	Shraddha Srivastava	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
6.	Ravish Yadav	Process	Process	Ph.D. Course Work	JRF	
7.	Devesh Singh	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
8.	Akhilendra Pratap	Process	Process	Ph.D. Course Work	JRF	
9.	Shailja Shukla	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
10.	Ratna Priya	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
11.	Rajneesh Kumar Verma	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
12.	Ajay Kumar	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
13.	Vivek Kumar	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
14.	Sparsh Kumar Lal	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
15.	Avneesh Bharati	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
16.	Sujay Kumar Lal	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
17.	Anita	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
18.	Anjali Kumari	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	
19.	Rohit Kumar Chaubey	Process	Process	Ph.D. Course Work	UGC- Non NET Fellowship	

v. LL.M. Dissertations (Equivalent to M. Phil)Awarded in May 2023

Sl. No	Name of Students	Supervisor	Dissertation Title
1.	Shubham Yadav	Dr. Rashida Ather	Combating Terrorism: A Legal Study in the Indian Perspective
2.	Gauraw Pandey	Dr. Rashida Ather	Right Against Self Incrimination in India: A Legal Study with Human Rights Perspective

3.	Premprakash	Prof. Shashi Kumar	Animal Rights-Protection Against Animal Testing and Exploitation: A Critical Analysis
4.	Saurabh Kumar Pandey	Prof. Preeti Misra	Secularism in India- A Critical Study
5.	Prashansha Srivastava	Dr. RashwetShrinkhal	Human Rights to Elderly Person: A Critical Legal Study
6.	Sachin Singh	Prof. Preeti Misra	Free and Fair Election: Role of Election Commission in India
7.	Arvind Singh	Dr. Vijay Kumar Bhaskar	Socio-Legal Study of Decriminalisation of Homosexuality
8.	Shivani Pandey	Prof. Shashi Kumar	Rights to Accused in India: A Legal Study
9.	Mohsin Asad	Dr. RashwetShrinkhal	Rights of Linguists Minorities of India: A Critical Study
10.	Akanksha Bajpai	Dr. Vijay Kumar Bhaskar	Human Trafficking in India: A Human Rights Perspective
11.	Bhujbal Singh Yadav	Dr. Ajay Singh Kushwah	भारत में महिला सशक्तिकरण- एक विधिक अध्ययन
12.	Vikas Kumar	Dr. RashwetShrinkhal	Hate Speech Laws in India: A Critical Legal Study
13.	Shreshthi Gautam	Dr. RashwetShrinkhal	Caste and Justice: A Human Right Perspective
14.	Abhishek Priyadarshi	Dr. Ajay Singh Kushwah	Sustainable Development goal of Business Companies for Environment Protection
15.	Gireesh Chand	Dr. RashwetShrinkhal	भारत में चुनाव सुधार: मानवाधिकार दृष्टिकोण से एक अध्ययन
16.	Pavnesh Kumar	Prof. Priti Saxena	भारतीय राजनीति में महिलाओं का प्रतिनिधित्व
17.	Ajay Kumar	Dr. Ajay Singh Kushwah	Poverty Alleviation in India: A Critical Legal Study
18.	Radha Singh	Dr. Ajay Singh Kushwah	Changing Dimensions of Transgender Right: A Critical Study
19.	Amit Kumar	Dr. RashwetShrinkhal	Cyberspace and Cribercrime: A Legal study
20.	Ashish Raj	Prof. Priti Saxena	स्वास्थ्य के मानवाधिकार के परिप्रेक्ष्य में सरकार वन्यायालय की भूमिका
21.	Vijay Kumar	Dr. Ajay Singh Kushwah	महिला संरक्षण एवं भरण पोषण एक विधिक अध्ययन
22.	Shalini Sonkar	Prof. Shashi Kumar	Cyber Crime Against Women: A Critical Analysis
23.	Vishal	Prof. Shashi Kumar	Right to Water
24.	Kripan Kumar Kaushal	Prof. Shashi Kumar	Custodial Violence and Law: A Critical Study
25.	Jyoti	Prof. Priti Saxena	A Study on Freedom of Speech and Expression with Special Reference to Social Media
26.	Pallavi	Prof. Shashi Kumar	A Socio Legal Study on Surrogacy in India
27.	Swarnika Bhargav	Prof. Preeti Misra	Women's Abortion Rights: A Comparative Study of India and U.S.
28.	Nandini Rani	Dr. Vijay Kumar Bhaskar	अल्पसंख्यकों का अधिकार भारतीय परिप्रेक्ष्य में
29.	Ritu Singh	Dr. Vijay Kumar Bhaskar	Rights to LGBTQ: with Special Reference to Transgender Rights in India
30.	Osho Upadhyay	Dr. Rashida Ather	Preventive Detention Laws in India: An Analytical Study with Human Rights Perspective

31.	Km Divya Rai	Prof. Priti Saxena	भारत में लिवइन रिलेशनशिप के विरुद्ध चुनौतियाँ: एक समीक्षात्मक अध्ययन
32.	Mohammad Tariq	Prof. Preeti Misra	Access to Justice and Legal Aid in India: An Evaluations
33.	Km Shalini Yadav	Prof. Preeti Misra	Domestic Violence Against Women in India: A Socio-Legal Study of Dubagga in District of Lucknow, Utter Pradesh
34.	Navodita Verma	Prof. Preeti Misra	Hindu Women's Rights to Property- A Critical Analysis
35.	Keertika Singh	Prof. Priti Saxena	The Prospects of Nuclear Energy for Energy Security: A Legal Study
36.	Km Ananya Verma	Dr. Vijay Kumar Bhaskar	घरेलूहिंसा: कानूनी विश्लेषण
37.	Km Diksha Vishwakarma	Dr. Rashida Ather	Right to Privacy and Data Protection in Digital Era: A Study with Reference to Artificial Intelligence
38.	Km Mahima Srivastava	Prof. Priti Saxena	भारत में खाद्य सुरक्षा कानून: मानवाधिकार परिप्रेक्ष्य से एक अध्ययन
39.	Abhinav Kumar Gautam	Dr. Vijay Kumar Bhaskar	Subaltern Studies: A Socio-Legal Analysis of Status of Women in India
40.	Rizwan Siddiqui	Prof. Priti Saxena	हिजाब के विशेष संदर्भ में शिक्षा एवं गरिमा का अधिकार: एक अध्ययन

vi. LL.M. Dissertations (Equivalent to M. Phil)<u>Pursuing</u>

Sl. No	Name of Students	Supervisor	Broad Area of Research
1.	Shiwani Singh	Prof. Priti Saxena	Custodial Violence
2.	Shubhendu Mishra	Prof. Priti Saxena	Free Temple Movement in India
3.	Amit Kumar Maurya	Prof. Priti Saxena	Access to Justice and Role of Artificial Intelligence
4.	Pawas Tripathi	Prof. Priti Saxena	Rehabilitation and Reintegration of Prisoners in Society: Comparative Study
5.	Tanya Arora	Prof. Priti Saxena	Regulation of Medical Negligence in India
6.	Himanshi	Prof. Preeti Misra	Right to Internet
7.	Akhilesh Kumar	Prof. Preeti Misra	Child Rights
8.	Ajeet Yadav	Prof. Preeti Misra	Disable person in workplace
9.	Kunal Ranjan	Prof. Shashi Kumar	Rights of Transgender
10.	Abhuday	Prof. Shashi Kumar	Improvement of Women through Laws after 1947
11.	Bhim RatenAbhyasi	Prof. Shashi Kumar	Child Labour issues in India
12.	Shivangi Chaudhary	Prof. Shashi Kumar	Right to Education in India
13.	Shalini	Dr. Rashida Ather	Rights of Elderly People
14.	Kashish Tiwari	Dr. Rashida Ather	Child Labour
15.	Kanupriya	Dr. Rashida Ather	Older Sex Worker
16.	Rajat Kumar	Dr. Rashida Ather	Women Trafficking
17.	Vaishali Saroj	Dr. Rashida Ather	Gender Discrimination and Sexual Harassment in Sport
18.	Yadav Seema	Dr. Ajay Singh	Capital Punishment

	Ravindrakumar	Kushwah	
19.	Rajkumar Panday	Dr. Ajay Singh Kushwah	Environment
20.	Kumkum	Dr. Ajay Singh Kushwah	Social Problem of Senior Citizens
21.	Shruti Sonkar	Dr. Ajay Singh Kushwah	Medical Negligence in India
22.	Vishun Kumar	Dr. Ajay Singh Kushwah	Child Education
23.	Km Kavita Gautam	Dr. Ajay Singh Kushwah	Domestic Violence
24.	Sanjay Kumar	Dr. Ajay Singh Kushwah	Food Security
25.	Laiba Jamal	Dr. RashwetShrinkhal	Women of Prostitute
26.	Aayushi Mishra	Dr. RashwetShrinkhal	ICC in regards to Human Rights
27.	Anurag Yadav	Dr. RashwetShrinkhal	Constitutional Morality
28.	Vimal Singh	Dr. RashwetShrinkhal	Role of Technology in Law
29.	Jyotiba Ashok	Dr. RashwetShrinkhal	Cause of 1857: Law
30.	Shivani Das	Dr. RashwetShrinkhal	Use of Technology in Criminal Investigation
31.	Shruti Shrivastava	Dr. Rashida Ather	Rights of Transgenders in India
32.	Vatsal Kant	Prof. Preeti Misra	Digital Privacy: Human Rights
33.	Raja Raushan Kumar	Dr. Rashida Ather	Rights of Victim of Crime and Women
34.	Shashi Kala	Prof. Shashi Kumar	Human Rights of Prisoner in Tihar Jail

20. Google profile of the faculty members, if available

Prof. Priti Saxena: Yes

Prof. Preeti Misra:
https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F5JWi0nBOv_xOTaB0sZC5e8GBH05JsZrpNUQUQxcyL7LSkiuR-yFkQ5gJThJdXN2_KLp6Mtzsk77EzTx4gs9e5-zsMdbA&user=GSwyqPUAAAAJ

Prof. Shashi Kumar: No

Dr. Rashida Ather: No

Dr. Ajay Singh Kushwah: No

Dr.RashwetShrinkhal:
https://scholar.google.com/citations?user=kH3uKJgAAAAJ&hl=en&oi=sra#d=gsc_md_pro-d&u=%23t%3Dgsc_md_pro_ed

Department of Law

The Department of Law started from Session 2008-09 within the School for Legal Studies offering four-Semester programmes in Law. The main objective of the Department is to impart quality legal education and to prepare the students for socially responsible, make them self-employed, and well-placed in Supreme Court of India, High Courts, national and international organizations, non-governmental organizations, reputed corporate law firms, multi-national corporations, Banks and Bar. The objective is also to give them skills to develop art of advocacy and Para-logic for any social issues relating to the present day problem. During the course, emphasis is also given to acquaint the students with modern areas of law such as Intellectual Property law, environmental law, Law and Sustainable Development, Law and Bio-technology, Information Technology Law, ADR and Arbitration Law, Cyber Laws, International Trade Law etc. Further constant efforts are made to develop a taste amongst the students in the current areas of national international issues relating to climate change and disarmament (nuclear weapons) are deliberated in Seminars and Conferences with the objective to sharpen their argument and develop legal reasoning.

Objective

i. To evolve and impart comprehensive legal education and to achieve excellence.
ii. To produce able, competent and humane, Teachers, lawyers, social activist, judicial officers, legal adviser in governmental and non-governmental organization.
iii. To promote advance studies and research in all branches of law
iv. To inculcate cultural, legal and ethical values with a view to foster the rule of law and the objective enshrined in the constitution of India.
v. To empower the citizen through legal awareness by making them aware of their rights and duties.

The department is going to open different Centre's of excellence in area of Law and Governance, Environmental Law, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

1. Courses Offered:

1. **LL.M.(Two Year Course)**
2. **Ph.D.**
3. **BBA.LL.B.(H) (Five Year Course)**

2. Facilities available in the Department like Computer Lab, Departmental Library & Moot court etc:

i. **Departmental Library**
ii. **Computer Lab**
iii. **Smart Classroom**
iv. **Moot Court**
v. **Wifi**

3. Details of the faculty

i. **Prof. Sudarshan Verma**
Head, Department of Law
Specialization: Constitutional Law, Law of Torts, Administrative Law, Women and Law
Qualification: LL.M., Ph.D. (Kumaun University, Nainital)

ii. **Prof. Sanjeev Kumar Chadha**
Professor,
Specialization: Law of Tort, Administrative Law. Intellectual Property Rights, Environmental Law
Qualification: LL.M. (Rohilkhand University Barailly), Ph.D. (Bundelkhand University, Jhansi)

iii. **Dr. Sufiya Ahmed**
Associate Professor
Specialization: Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.
Qualification: LL.M. , (BHU) Ph.D.(BBAU) (UGC NET-JRF)

iv. **Dr. Anis Ahmad**
Associate Professor
Specialization: Environmental Law, Jurisprudence, Intellectual Property Law
Qualification: LL.M. (AMU Aligarh) Ph.D. (MDU, Rohtak) (UGC-NET)

v. **Dr. Pradeep Kumar**
Associate Professor
Specialization: Criminal Law, Administrative Law, Intellectual Property Law
Qualification: LL.M. (BHU) Ph.D. (BHU) (UGC-NET)

vi. **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)

4. Details of the Seminar/Conference organized by the Department:

i. Organized one day National Seminar "Inclusion of Women in Socio – Economic Culture & Political Life in Indian Society – A Step Forward for Benefit to All" on 8th March, 2024, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
ii. Organized two days National Seminar "Transformation in the Criminal Laws in India: A New Era of Indian Criminal Justice System" on 8th & 9th April, 2024, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

5. Other Departmental Level Academic Activates:

i. Organized**Academic and Cultural Fest named *UTSAV*** on **27th July 2023** Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
ii. Organized **Plantation Programme on 12th August 2023**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
iii. Organized World Intellectual Property Rights Day (WIPRD) **on 26th August 2023**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
iv. Organized **Azadi ka AmratyaMohtsav on 11th November 2023**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
v. Organized **Constitution Day on 26th November 2023**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
vi. Organized **Word Wetlands Day on 2nd February 2024**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
vii. Organized 1st**Intra Moot Court Competition on 14th& 15th March, 2024**, Department of Law, School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.

6. Members/fellowship of professional/academic bodies/ editorial board

i. Prof. Sanjeev Kumar Chadha

i. Indian Society of International Law, New Delhi. Life Member, Membership No.- 385.
ii. Indian Law Institute, New Delhi, Life Member, Membership No.- L-1726.
iii. All India Law Teachers Congress, Member, Membership No.- 362.
iv. Indian Social Science Congress, Till Life, Membership No.- LF/1038/214/2007.

ii. Dr. Sufiya Ahmed

i. Life Member All India Rights Organization, Lucknow
ii. Member, Editorial Committee, Azad Academy Journal.

iii. Dr. Anis Ahmad

i. Life Member All India Law Teachers Congress, New Delhi
ii. Member, Academic Council, BBAU, Lucknow. (28/12/2021).

iv. Dr. Pradeep Kumar

i. All India Law Teachers Congress, Member, Membership Number - 429.

7. Details of Book Chapter in edited volume/conference volume:

i. **Prof. Sudarshan Verma,** "Protection of the Right of Child Beggars and child in Street Situations" Child Rights: Contemporary issues & Challenges (2023) ISBN: 978-81-962967-1-1 National Law Publications, Prayagraj. **(Book Chapter).**

ii. **Dr. Anis Ahmad**, "Bio-Medical Waste Management in Post Covid-19 Pandemic: Need for Effective Regulation in India" in R.C. Sobti, Vipin Sobti and Aditi Sobti, Learning from the Covid-19 Pandemic: Implications on Education, Environment, and Lifestyle (2023) ISBN: 978-1-032-41605-2 **CRC Press Abingdon, Oxon**. **(Book Chapter).**

iii. **Dr. Anis Ahmad & Mujibur Rehman**, "Assessing the Role of National Commission for Protection and Promotion of Child Rights" in Ramesh Kumar Prajapati, Ramesh Kumar Bharti and Anjalika, Child Rights: Contemporary issues & Challenges (2023) ISBN: 978-81-962967-1-1 National Law Publications, Prayagraj. **(Book Chapter).**

iv. **Dr. Anis Ahmad & Sonal Singh**, Analyzing the Potentiality of Mediation process in Consumer Disputes : A contemporary Perspective in Mohammad Azwar Khan, Consumer Protection Laws: Issues and Concerns (2024) ISBN: 978-93-5909-577-6 Satyam Publishing House, New Delhi. **(Book Chapter).Page no.71-89**

v. **Dr. Pradeep Kumar & Mr. Kartikey Bajpai**, "Constitutional and Legal Rights of Children in India: Obstacles and the Way Forward" in Ramesh Kumar Prajapati, Ramesh Kumar Bharti and Anjalika, Child Rights: Contemporary issues & Challenges (2023) ISBN: 978-81-962967-1-1 National Law Publications, Prayagraj. **(Book Chapter).**

vi. **Dr. Mujibur Rehlman**& Other (2023) "Assessing the role of National Commission for Protection and Promotion of Child Rights" published in **Child Rights (Contemporary issues & Challenges)** published by National Law Publications Prayagraj- Uttar Pradesh Edition 2023, National Law Publications Prayagraj- Uttar Pradesh. ISBN No. 978-81-962967-1-1 Page No. 15-24.

8. Paper Published during the year by the faculty members (during 01.04.2023 - 31.03.2024)

i. **Prof. Sudarshan Verma**"मानवअधिकारों के संरक्षण में संत रविदास की काव्य की भूमिकाः मानव अधिकारों की सार्वभौमिक उदघोषणा के उददे्श्य के परिपेक्ष्य में एक अवलोकन श नईदिशाएं, Volume- 20, Approved by UGC Care पृष्ठ संख्या 197–204 ,दिसम्बर 2023- ISSN-0973-7588

ii. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Vindicating Environmental Rights Via Constitution" published in "Madhya Bharti, Humanities and Social Sciences " ISSN 0974-0066 (print), Issue – 83, Year 2023, January – June 2023 an UGC care listed in Journal, Group – C, (Multi-Disciplinary), Page No. 151– 157.

iii. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Right to Clean Drinking Water: Constitutional Rights and Legal Perspective" Published in "Journal of K R Kama Oriental Institute " ISSN 0970-0609 (print), Volume No.77, November Year 2023 an UGC care listed in Journal, (Multi-Disciplinary), Page No. 27 – 41.

iv. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Pegasus Spyware : Individual and National Threat" Published in "RabindraBharti University Journal of Economics" ISSN 0975-802X (print), Volume No. XVII, November Year 2023 an UGC care listed in Journal, (Multi-Disciplinary), Page No. 113 – 122

v. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Same Sex Marriages: Finding the Right way to Legalize It" Published in "Social Evolution and History" ISSN 1681-4363, Volume No. XII, No 02, Year 2023, Scopus Journal Page 743-751.

vi. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Examining Intellectual Property Rights From the Perspective of National Security: India's IP Regime" Published in "Social Evolution and History" ISSN 1681-4363, Volume No. XII, No 02, Year 2023, Scopus Journal Page 752-761.

vii. **Prof. Sanjeev Kumar Chadha,** , First Author Topic "Increasing Population Violating Right to Environment under Article 21" Published in "The International Journal of Interdisciplinary Organizational Studies" ISSN 2324-7649 (Print) ISSN 2324-7657 (Online), Volume No. 19, Issue 1, January –June 2024, Scopus Journal Page 2547-2561.

viii. **Dr. Sufiya Ahmed**, Aishwarya Kamya Singh (2024), "Nikah Halala Under Muslim Personal Law: A Critical Appraisal", Educational Administration: Theory and Practice, 30(5), 4346-4353 Doi: 10.53555/kuey.v30i5.3633

ix. **Dr. Sufiya Ahmed**& Deepali Singh, AN EMPIRICAL STUDY ON THE POSSIBLE ACCEPTANCE OF ARTIFICIAL WOMB TECHNOLOGY OVER TRADITIONAL METHODS OF PREGNANCY, WritersCrew International Research Journal, Vol-1, ISSUE -2, April 2024

x. **डा0 अनीस अहमद, निक्की कुमार एवं नीतेश कुमार चतुर्वेदी, ''उत्तर प्रदेश राज्य के सदर्भ में भौगोलिक संकेत कों का संरक्षण : एक विधिक अध्ययन'' कानपुर फिलॉस्फस]** Volume- 10, Issue- 1- (c) Approved by UGC Care पृष्ठ संख्या 332&340,जून 2023-ISSN-2348-8301

xi. **डा0 अनीस अहमद एवं सुवेक सिंह चौहान, ''साहित्यिक विधिशास्त्र एव विधिक निर्वचन एक विश्लेषणात्मक अध्ययन'' कानपुरफिलॉस्फर्स]** Volume- 10, Issue- 1- (c) Approved by UGC Care पृष्ठ संख्या 782&788, जून 2023-ISSN-2348-8301

xii. **Dr. Anis Ahmad** "Electronic Waste management in India: Regulatory regime and judicial response" Vol X, Issue II ***Kanpur Philosophers*** **December, 2023.** Pages: 1012-1019. Peer Reviewed and Refereed Journal ISSN-2348-8301.

xiii. **Dr. Pradeep Kumar & Mr. Satyendra Kumar** "Constitutional Safeguards for Unorganized Labour" Vol X, Issue II ***Kanpur Philosophers*** **December, 2023.** Pages: 1012-1019. Peer Reviewed and Refereed Journal ISSN-2348-8301.

xiv. **Dr. Pradeep Kumar** "जैविक हथियारों के प्रयोग से मानवाधिकारों का उल्लंघनः जीवन के अधिकार के विशेष सन्दर्भ में" **नई दिशाएं]** Volume- 20, Approved by UGC Care पृष्ठ संख्या 197&204 , दिसम्बर 2023- ISSN-0973-7588

xv. **Dr. Mujibur Rehman & Ram Chandra Meena** "**भारत में महिलाओं के मानवाधिकारों के संरक्षण का अनुभवपरक अध्ययनः जयपुरजिले के ग्राम गुढ़ा चक बस्सी के विशेष संदर्भ में** Volume Ten, Issue One (C) 2023 Hindi Edition ***Kanpur Philosophers,*** Approved by UGC Care List ISSN 2348-8301 Page No. 621-631.

xvi. **Dr. Mujibur Rehman & Ram Chandra Meena** "Child Care Homes in India: nA Critical Appraisal of Violation of Human Rights" Vol. X, Issue 1I- December 2023 ***Kanpur Philosophers,*** An internationally peer reviewed and Refereed Journal ISSN 2348-8301. Page No. 952-958..

9. Attended/ Participated in conferences/seminar/ workshop inside country- (during 01-04-2023 to 31-03-2024).

i. **Prof. Sudarshan Verma** attended and participated on" Legal protection to Senior Citizens: Issues, Challenges and Future held during 21st August, 2023 at City Academy Law Collage, Lucknow.

ii. **Dr. Anis Ahmad** attended and participated on "Protection of Senior Citizens: Law and Practice in India" in two days National Seminar on "Legal Protection To senior Citizens: Issues, Challenges and Future**" 21th August, 2023**organised by City Academy Law College, City Group of Colleges, Tiwariganj, Chinhat, Lucknow.

iii. **Dr. Anis Ahmad** attended and participated on "Wild Life Protection in India: A Legal Study of Law and Judicial Response" in one day National Conference on "Emerging Trends of sustainable Society: Present Perspective and Future Prospects**" 14th October, 2023**organised by Maa Vaishno Devi Educational Law College, Lucknow.

iv. **Dr. Anis Ahmad** attended and participated on "Assessing the law and Policy related to Cyber Security Challenges in India National Conference on "Recent Trends in Science and Technology**"**23rd February, 2024 organized by the Department of Information Technology, BBAU, Lucknow.

v. **Dr. Anis Ahmad** attended and participated on "Inclusion of differently-abled Women: with Disabilities: A Legal Analysis" in one days National Seminar on "Inclusion of Women in Socio-economic Cultural & Political Life in Indian Society- A Step Forward For benefit to All" **8thMarch, 2024**organised by Department of Law and Committee of Basic facilities for Women, Babasaheb Bhimrao Ambedkar University Lucknow.

vi. **Dr. Anis Ahmad** attended and participated on "Role of Artificial Intelligence for achieving the Sustainable Development Goals: Some Reflections" in One day National Seminar on "Artificial Intelligence, Technology and Cyber Law: Challenges and Future Prospects**" 21th March, 2024**organised by Department of law, V.S.S.D. College, Kanpur.

vii. **Dr. Pradeep Kumar** attended and participated on "Artificial Intelligence in Justice Delivery Mechanism: Risk & Rewards" in One day National Seminar on "Artificial Intelligence, Technology and Cyber Law: Challenges and Future Prospects**" 21th March, 2024**organised by Department of law, V.S.S.D. College, Kanpur.

viii. **Dr. Pradeep Kumar** attended and participated on "Provision regarding the Protection of Rights to Senior Citizens under Indian Constitution in One day National Seminar on "Legal Protection to senior Citizen: Issues, Challenges and Future" 31 August 2023 organized by City Academy Law College, City Group of Colleges, Tiwariganj, Chinhat, Lucknow.

ix. **Dr. Pradeep Kumar** attended and participated on "Political Participation of Women in India: A Critical Legal Study" in one days National Seminar on "Inclusion of Women in Socio-economic Cultural & Political Life in Indian Society- A Step Forward For benefit to All" **8thMarch, 2024** organisedby Department of Law and Committee of Basic facilities for Women, Babasaheb Bhimrao Ambedkar University Lucknow.

x. **Dr. Mujibur Rehman,** Presented a paper on "Right to Healthcare & Protection of Aged Parents at Home: A Critical Legal Analysis" in one day National Seminar on "Legal Protection to Senior Citizens: Issues, Challenges and Future " on 21st August 2023, Organized by City Law College, City Group of Colleges, Tiwariganj, Chinhat, Lucknow. Uttar Pradesh.

xi. **Dr. Mujibur Rehman,** Presented a paper in online mode on "Intellectual Property Rights and Sustainable Development Goals in India: A Legal Analysis" in the first National Conference on the theme "Emerging Trends of Sustainable Society: Present Perspective and Future Prospects" Organized by Maa Vaishno Devi Educational Law College, Lucknow, on dated 14thOctober , 2023,

xii. **Dr. Mujibur Rehman,** Paper Presented on "Gender Inequality in Criminal Justice System in India: A Legal Analysis" in One Day National Seminar on "Inclusion of Women in Socio-Economic Culture & Political Life in Indian Society- A Step Forward For Benefit to All" on the occasion of "International Women's Day" Dated March 8, 2024. Organized by Department of Law, School of legal Studies & Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University(A Central university), Lucknow (NAAC Accredited 'A++' Grade).

xiii. **Dr. Mujibur Rehman,** Presented a paper in online mode on the topic "Transformative AI Technology and rights of the citizens: A Legal Analysis" in the National Seminar Sponsored by Uttar Pradesh State Council of Higher Education on the theme on "Artificial Intelligence, Technology and Cyber Law: Challenges and Future Prospects" organized by Department of Law, VSSD College (Accredited "A" Grade By NAAC) Kanpur, on March 21, 2024.

10. Consultancy works, if any

i. Free Legal Consultancy

11. Details of invited lecture inside the country:

i. **Prof. Chadha, Sanjeev Kumar** Delivered a lecture as Key-Note Speaker, Topic "Transformation Constitutionalism: With special reference of Societal Morality to Constitutional Morality" Dated 17/04/2023 at Siddharth Law College, Dehradun.

ii. **Dr. Anis Ahmad** Lecture delivered on the topic "Need for E-Waste Law in India" on 16th December, 2023 at Unity Law College.Kashipur Road. Jafarpur, Rudrapur, Uttarakhand.

12. Details of National Awards/Fellowship:

i. **Prof. Chadha, Sanjeev Kumar** Awarded as "Excellence Award for the year 2023" by Hon'ble Vice Chancellor BBAU, Prof Sanjay Singh Ji, for Research Publication, on dated 26 January 2024 in Babasaheb Bhimrao Ambedkar Central University, Lucknow.

13. Students Achievements:

ii. Accomplishments of students

Number of student completed their masters/graduation/Diploma	LL.M.	40
	B.B.A. LL.B.(H)	
Number of student selected in Civil Services	UPSC	02
	UPPSC	15
Number of student pursuing higher studies	22	
Number of student selected on other government Jobs/Banking/ School teaching etc.	Government Jobs	
	Teaching in Higher Education	
	Teaching	02
	Jobs	03
Number of students placed through campus interview	Nil	
Number of student awarded SLET/NET/JRF/ any other fellowship	NET	06
	JRF	4

iii. Ph.D. Degree awarded during the year-

Sl. No.	Students	Guide	Title	Fellowship
1	Ashwini Kumar Chaudhari	Prof. Sudarshan Verma	Rights of Marginalized Groups of Rural People under E-Governance in India: a Socio Legal Study of Rural Areas of Lucknow	Non-Net Fellowship
2	Nitesh Kumar Chatuvedi	Prof. Sudarshan Verma	Appointment of Judges in India: A Legal Study with Special Reference to Collegium System	Non-Net Fellowship
3	Satish Kumar	Dr. Pradeep Kumar	Rights of Forest Dwellers under the Forest Legislations in India: A Critical Study	Non-Net Fellowship
4	Paritosh Prakash	Prof. Sanjeev Kumar Chadha	Internet as a Fundamental Right: A Bridge to Reduce the Digital Inequality in India	SRF Fellowship
5	Anuj Kumar	Prof. Sanjeev Kumar Chadha	Environmental Governance and Sustainable Development in India: A Critical Legal Study	JRF Fellowship

iii. Ph.D. Student's Pursuing :

Sl. No.	Students	Guide	Title	Fellowship
1	Shubhyanka Rao	Dr. Mujibur Rehman	Rights of Elderly Persons: A Study of Law and Policies in India with Special Reference to Lucknow City	Non-Net Fellowship
2	Sharad Kumar Pandey	Dr. Pradeep Kumar	Data Protection Law in India: A Critical Legal Study With Special Reference to Right to Privacy.	Non-Net Fellowship
3	Amit Kumar	Prof. Sanjeev	Rise of Artificial Intelligence and Protection	NFSC (SRF)

	Singh	Kumar Chadha	of Human Rights: Legal Issues and Challenges	Fellowship
4	Aishwarya Kamya Singh	Dr. Sufiya Ahmed	Gender Inequality under Personal Laws in India: A Socio-Legal Study with Special reference to Uniform Civil Code	Non-Net Fellowship
5	Nikki Kumar	Dr. Anis Ahmad	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	SRF Fellowship
6	Baba Ncyicor	Dr. Pradeep Kumar	Jurisprudential Aspects Of Customary Law In *'Galo'* Tribes: A Socio-Legal Study With Special Reference To Lower Siang District Of Arunachal Pradesh	Non-Net Fellowship
7	Shubhyanka Rao	Dr. Mujibur Rehman	Rights of Elderly Persons: A Study of Law and Policies in India with Special Reference to Lucknow City	Non-Net Fellowship
8	Ram Chandra Meena	Dr. Mujibur Rehman	Violation of Human Rights in Child Care Home: A Socio-Legal Study With Special Reference to Jaipur District	NFST Fellowship
9	Snigdha Srivastava	Dr. Mujibur Rehman	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	JRF Fellowship
10	Kartikey Bajpai	Dr. Pradeep Kumar	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	JRF Fellowship
11	Varsha Singh	Prof. Sanjeev Kumar Chadha	The Crime Of Ecocide In India: Developing A Legal Framework For Environmental Rights And Pathways Towards Environmental Justice.	Non-Net Fellowship
12	Shubham Kumar Rai	Prof. Sanjeev Kumar Chadha	Legal Implication of Over The Top Platform in India: Challenges Ahead	Non-Net Fellowship
13	Kamal Rajora	Prof. Sanjeev Kumar Chadha	Regulation of Cyber Space with Special Reference to Net Neutrality in India	JRF Fellowship
14	Ravi Shankar Singh	Prof. Sanjeev Kumar Chadha	Enhancing Equality And Overcoming Social Bariers, The Struggle And Prospect Of Sc/St: Challenges Ahead	Non-Net Fellowship
15	Himalay Gaund	Dr. Anis Ahmad	Solid Waste Management : A Socio-Legal Study of Gorakhpur City	NFST Fellowship
16	Diwan Jauher Khan	Dr. Anis Ahmad	Energy Conservation In India: A Critical Study On Law And Policy	JFR Fellowship
17	Maria Momin	Dr. Mujibur Rehman	Impact Of Domestic Violence On Children's Welfare: A Socio-Legal Study Of Lucknow City	Non-Net Fellowship
18	KM. Manisha Gaur	Prof. Sudarshan Verma	Socio-Economic Status of Women Farmers in India with Special Reference to Land Ownership of Women Farmer's in the District of Lucknow	Non-Net Fellowship
19	Abhishek Verma	Prof. Sudarshan Verma	The Legal Status of Gig-Workers in India: A Socio-Legal Study with Special Reference to Social Security of Gig-Workers Under Labour Codes	Non-Net Fellowship
20	Sunidhi Singh	Dr. Sufiya Ahmed	Artificial Intelligence: Constitutional and Legal Challenges and Solutions.	Non-Net Fellowship
21	Kajal Singh	Prof.	Not Allotted	Non-Net

	Gautam	Sudarshan Verma		Fellowship
22	Sagarika Singh	Prof. Sudarshan Verma	Not Allotted	JRF Fellowship
23	Aayush Verma	Prof. Sudarshan Verma	Not Allotted	Non-Net Fellowship
24	Prashant Kumar Gond	Prof. Sanjeev Kumar Chadha	Not Allotted	Non-Net Fellowship
25	Shobhit Raj Pandey	Dr. Sufiya Ahmed	Not Allotted	JRF Fellowship
26	Chandrakant Pandey	Dr. Anis Ahmad	Not Allotted	JRF Fellowship
27	Anushka Srivastava	Dr. Pradeep Kumar	Not Allotted	Non-Net Fellowship
	Harsh Kumar	Dr. Pradeep Kumar	Not Allotted	NFSC Fellowship
	Amit Kumar	Dr. Pradeep Kumar	Not Allotted	JRF Fellowship

iv. LL.M. Dissertation Submitted:

Sl. No.	Students	Title/ Area
1	Ashutosh Kumar Shukla	Deepfake, Individual Rights and legal Challenges: An Analytical Study
2	Alka Devi	Al-generated Creative Works: Examining Copyright Challenges and Implications
3	Rajan	Constitutionality of Same Sex Marriage in Contemporary India For Inclusive Society: A Legal Study
4	Atul Kumar	Constitutional Value of Punishment In The Criminal Justice
5	Jennifer Nivedita Kujur	Constitutional and Legal Recognition of Indigenous Right
6	Ashish Kumar Pandey	A Study on Human Trafficking And Exploitation of Women And Children In Indian Perspectives.
7	Vikas Verma	Prevention of Money Laundering Act, 2002: Two Decadal Analytical Study
8	Surbhi Gupta	Human Right To Shelter And Adequate Housing Crisis in India: A Critical Legal Study
9	Priya Kumari	An Analysis of Constitutional Mandate of free Legal Aid with Special reference to Working and Effectiveness of state Legal Authority (Uttar-Pradesh)
10	Vijay Gautam	Right to Life in Conjunction with Fake Encounter
11	Kshama Sonkar	Intellectual property Right And Innovation: Comparative patentability or Al IN INDIA, The USA , And The UK'
12	Rahul Kumar	ekrk&firk ,oaofj'Bukxfjdksa dk Hkj.kiks'k.k % ,d fof/kd v?;;u A
13	Sudhanshu Upadhyay	Gender Equality Under Sustainable Development Goal 5: A Critical Analysis in Indian Context.
14	Aditya Tripathi	Geographical Indication in India: A Critical Analysis of the Issues and Challenges
15	Priyanka Tiwari	Right to Bail: Balancing Individual Liberty and public Safety In Indian Jurisprudence.
16	Ajeet Kumar Dubey	Striking the balance: the Role of Data protection Laws in Mitigating state Surveillance And Upholding Individual Privacy Rights.

17	Pawan Kumar Sharma	Role of Forensic Evidence in Criminal Investigation And Trial: A Critical Study.
18	Abhishek Kumar Singh	Implications of Artificial Intelligence on Intellectual Property Rights: A Critical Analysis
19	Chandan Pandey	Impact of live-In Relationship and Its Recognition in Society: A socio Legal Study.
20	Priya Dubey	"Changing Dimension of Muslim Maintenance from Shah Bano Till Date"
21	Deepali Singh	"Treating Infertility Through Artificial. Womb Technology:
22	Nikhil Kumar	Application of Modern Scientific Techniques in Criminal Investigation—Need of the Hour.
23	Abhishek Mishra	"Cyber Security In India: Issues and Challenges in Contemporary perspective.
24	Manish Verma	A Comparative Legal study with Special Reference to uniform Civil Code in Uttrakhand and Goa State
25	Satyjeet Varun	"Legal provisions Relating to manual Scavengers In India : A Critical Study"
26	Kuldeep Singh	Impact of Digitization on Copyright law in the Context of Social media.
27	Karmesh Singh	" Challenges In Cinematographic work In Digital Era : Issues And Challenges In India "
28	Aditya Prakash Arya	Human Trafficking for Organ Removal An Indian perspective.
29	Sulen Saran Suman	Cyber Terrorism: Law. Issues And Challenges In Current In India Dissertation
30	Purnendu Upadhyay	Legal Framework of Surrogacy And Adoption Law: Right From India.
31	Awaneesh Tiwari	The "Right to Privacy in the Era of Digital World: A Critical Study of Legal, Social and Technological Dimensions
32	Ritvick Gaur	"Innovation And Intellectual property Rights :A Tool For Achieving sustainable Development GoALS in India"
33	Dinkar Kumar	दिव्यांग महिलाओ के मानवाधिकारो की संरक्षण एवं चुनौतियो का विधिक अध्ययन लखनऊ के विशेष संदर्भ में।
34	Asheesh	'Protection Of Rights of Person With Disabilities" A Dissertation
35	Chandani Rawat	Right to compensation with special Reference to POCSO Victims.
36	Aradhana Devi	Legal Implication of Maternity Benefits and Workplace Policies: Insuring Social Security for Working Mother in India.
37	Prabhansh Pathak	One Nation One Election: A Legal Analysis
38	Tarun Mishra	Geographical Indication and Economic Development: A Socio-Legal Study of Uttar Pradesh
39	Radhika Rai	Comparative Analysis of personal Laws And Uniform Civil Code Bridging Legal Diversity with Legal Uniformity.
40	Saurabh Kumar	Access to justice In India: From Legality to Reality.

B.B.A.LL.B.(B) Dissertation Submitted:

Sl. No.	Students	Title/ Area
1	Nilesh Kumar Singh	Exploring The Dynamics Between Constitutional Morality And Religious Morality With Special Reference To Sabrimala
2	Akriti Mani Tripathi	Anti-Defection Act, 1985: It's Effectiveness And Inconsistency
3	Krittika Kashyap	Analytical Study Of The Judicial Review Of Administrative Actión In India
4	Pravesh Kumar	From Script To Screen: The Role Of Ipr In Entertainment Industry
5	Nitish Kumar Mishra	Strengthening International Legal Protection For Animal A Comparative Analysis Of Animal Testing And Criminal Penalties For Animal Cruelty

6	Amartya Prakash Tiwari	Surrogacy In India: Analysis Of Surrogacy In Indian Legal Framework
7	Ankit Sinha	"Restitution Of Conjugal Rights: An Analysis Under Hindu Marriage Act"
8	Jyotirmaya Singh	
9	Ashlesh Yadav	Navigating The Legal Landscape Of Cyber- Stalking: Addressing Issues And Challenges
10	Kirti Shri	Rights Of Surrogate Child And Mother In India A Legal Study
11	Mayank Pandey	"A Critical Study Of Anticompetitive Legal Trade Practises Associated With Intellectual Property"
12	Saumya Shukla	HUMAN RIGHTS OF ACCUSED: A CRITICAL ANALYSIS
13	Shailesh Pratap Singh	Failure Of State Machinery In The State And Satisfaction Of The President To Impose Emergency In The State: A Critical Legal Study With Special Reference To Manipur Violence
14	Adarsh Yadav	"Changing Paradigm Of Reasonable Restriction Under Article 19(2) Of The Constitution Of India"
15	Ritesh Kumar Yadav	A Detailed Study On Domestic Violence In India
16	Surendra Vikram Singh	An Analytical Research On Uniform Civil Code
17	Mariyam Fatima	Harmonizing Diversity-India's Uniform Civil Code
18	Deepak Verma	Right To Equality: Issues & Challenges
19	Divyanshu Priyadarshi	Preserving Justice: A Study Of Constitutional Rights For The Accused
20	Satvik Rakesh	"Framework For Food Safety And Standards In India: A Legal Study"
21	Kumar Siddharth	Impact Of Ai In Legal System
22	Adira Verma	Domestic Violence Against Women In India: A Socio-Legal Study
23	Kunal	A Critical Analysis Of Victim Rights In India
24	Dheeraj Kumar	Right To Employment To The Lgbtq Equal Opportunity In Public Employment: Analysis Of Law And Society
25	Abhishek Rawat	Role And Accountability Of Media In Democracy With Special Reference To Freedom Of Press And Media In India
26	Kriti Bhushan	Cruelty Against Husband: The Lack Of Gender Neutrality In Bhartiya Nyaya Sanhita And Its Remedies
27	Abhishek Raj	The Social-Legal Impact Of Decriminalization Of Adultery In India
28	Alok Singh	"Deceptive Similarity In Trade Mark"
29	Dileep Gautam	Sports Law Recent Trends And Future Prospects In India
30	Ruchi Kanaujia	"Comparative Advertising, Disparagement, And Trademark Infringement In India: An Interface Analysis"
31	Suraj Kumar	The Role Of International Intellectual Property Regimes In Preventing Biopiracy And Promoting Benefit Sharing: A Comparative Analysis
32	Aryan Raj	A Study On Assessing Gender Equality And Discrimination Within Indian Laws
33	Vishal Gautam	Corporate Offences And Corporate Social Responsibility In Indian Scenario
34	Pratibha Bharti	Legal Aspect Of Human Trafficking In India
35	Vivek Gautam	Legal Implications Of Women's Political Participation: Enhancing Representation And Decision Aking In Electoral Processes
36	Pooja Nishad	"Marital Rape And Criminalization Of Sexual Assault Within Marriage"
37	Deepali Verma	"Access To Justice For Women Victims Of Crime In The Indian Legal System"
38	Astha Mishra	Impact Of Education In Preventing Child Labour In India
39	Siddharth Gupta	Impact Of Artificial Intelligence On Intellectual Property Rights

40	Pooja Chaudhary	Role Of Forensic Science In Criminal Investigation: Legal Implication & Analysis
41	Priyanshi Singh	Cyber Crime Against Women And Children
42	Prashant Shukla	Digital Copyright: A Global Perspective With Focus In India
43	Rasika	Empowering Gender Equality: Legal Mechanism
44	Anshu	Regulation Of Ground Water In India
45	Atul Kanoujiya	Critical Analysis On The Issues Of Human Trafficking In India
46	Kishan Chaturvedi	Legislative Framework For Prevention And Prosecution Of Cybercrime In India
47	Gaurav Verma	Voilation Of Human Rights Of Scheduled Castes And Scheduled Tribes: A Socio Legal Study With Special Reference To Hardoi District Of Up
48	Supriya Singh	"A Critical Legal Study OfPndt Act 1994 With Special Reference To Right To Know About The Health Of Pre Natal Child"
49	Ayush Ratan	Right To Strike In India
50	Deepak Chandra	Significance And Challenges Of One Nation One Election In Present Time
51	Avaneesh Pratap Singh	Investigating The Consequences Of India's Absence Of Refugee Legislation For Stateless Individuals

14. StudentPublications :

i. **निक्की कुमार, शोध छात्र ''उत्तर प्रदेश राज्य के सदर्भ में भौगोलिक संकेतकों का संरक्षण : एक विधिक अध्ययन'' कानपुर फिलॉस्फर्स]** Volume- 10, Issue- 1- (c) Approved by UGCCareपृष्ठ संख्या 332–340,जून 2023.ISSN-2348-8301

ii. **Kamal Rajora, Research Scholar**, First Author Topic "Increasing Population Violating Right to Environment under Article 21" Published in "The International Journal of Interdisciplinary Organizational Studies" ISSN 2324-7649 (Print) ISSN 2324-7657 (Online), Volume No. 19, Issue 1, January –June 2024, Scopus Journal Page 2547-2561.

iii. **Ram Chandra Meena, Research Scholar, "भारत में महिलाओं के मानवाधिकारों के संरक्षण का अनुभवपरक अध्ययनः जयपुरजिले के ग्रामगुढ़ा चक बस्सी के विशेष संदर्भ में**Volume Ten, Issue One (C) 2023 Hindi Edition ***Kanpur Philosophers,*** Approved by UGC Care List ISSN 2348-8301 Page No. 621-631.

15. Google profile of the faculty members:

iv. **Prof. Sanjeev Kumar Chadha**
   1. https://scholar.google.com/citations?user=LyNvNGgAAAAJ&hl=en

v. **Dr. Sufiya Ahmed**
   1. https://scholar.google.com/citations?user=KDaqVJcAAAAJ&hl=en

Centre of Post Graduate Legal Studies

Centre of Post Graduate Legal Studies was established under School for Legal Studies in 2013 started functioning from the session 2013-14 to offer One Year LL.M. Degree as per UGC Guidelines. The Centre started with an intake of 20 and with EWS reservation presently the intake is 24. The teaching is done by the senior faculty members of Department of Human Rights and Department of Law under School of Legal Studies along with Resource Persons. Presently Two Groups i.e. Constitutional Law and Administrative Law and Corporate and Commercial Law are running in the Centre and will run Criminal Law Group in near future. The object of the course is to promote good academicians, corporate lawyers and Masters in International principles. The Students of the centre are also benefitted by the special lectures delivered by visiting faculties and guest faculties. The Degree of One Year LL.M. is conferred to the students who fulfill the criteria of publication/presentation in International/National Conferences during the program.

2. Course offered

One Year LL.M.

3. Facilities available in the Department

i. Fully Wi-Fi connected Building
ii. One Classroom
iii. One Laptop and One projector

4. Details of Faculty

i. Prof. Priti Saxena (Dept. of Human Rights)
ii. Prof. Preeti Misra (Dept. of Human Rights)
iii. Dr. Sufiya Ahmad (Dept. of Law) in I Sem.
iv. Dr. RashwetShrinkhal (Dept. of Human Rights)
v. Mr. Tamesh Kumar Pandey (Resource Person, CPGLS)
vi. Ms. Arpita Ranjan (Resource Person, CPGLS)
vii. Dr. Dhirenda Vikram Singh (Resource Person, CPGLS)

5. Details of the Seminar/Conference/Webinar organized by the Dept.

One Day National Seminar (Hybrid Mode) on World Day for International Justice on the topic 'Overcoming Barriers and Unleashing Opportunities for Social Justice' on 17th July 2023.

6. Other departmental level Academic Activities:

Seminars by Students on current legal issues on Fridays.

7. Details related to Good Governance at the Department level to ensure transparency/ student participation/time bound result etc.:

i. Women Cell Committee
ii. Grievance Redressal Committee
iii. Students Enrichment Cell
iv. Anti-Ragging Committee

8. Students achievements:

i. Accomplishment of the Students

Number of students completed their Master/Graduation / Diploma	**22**
Number of student selected in civil services (UPSC/UPPSC)	**01**
Number of students selected pursing higher studies	**06 (Ph.D.)**

Number of students selected on other government jobs/banking/University teaching/ practice in court etc.	**15 (Practicing in Court)**
Number of students awarded SLET/NET/JRF/any other fellowship	**UGC NET 08 & UGC JRF 01**

ii. Ph. D and M. Phil students/Dissertation and thesis submission/ degree awarded:

Sr. No.	Supervisor	Name of the Student	Dissertation/ Project Title	Remarks
1.	Prof. Priti Saxena	Tamesh Kumar Pandey	"A legal study on economically weaker sections Reservation vis-à-vis economic justice: problems And perspectives"	Awarded
2.	Prof. Priti Saxena	Priya Bhatnagar	A Critical Examination Of The Provisions And Efficacy Of The Consumer Protection Act 2019	Awarded
3.	Prof. Priti Saxena	MrRipeen	"Problem And Protection Of Animal Rights : A Legal Study"	Awarded
4.	Prof. Preeti Misra	Satyam Mishra	Issues And Challenges Of Creditors In Corporate Insolvency Resolution Process :- An Indian Approach	Awarded
5.	Dr. Sufiya Ahmed	Sparsh Kumar Lal	Saviour Sibling: Legal Ethical Issues	Awarded
6.	Dr. RashwetShrinkhal	Sriya Sonkar	" Study Of Acid Attack'in India: A Critical Legal Study"	Awarded
7.	Dr. RashwetShrinkhal	Harshita Raj	Hate speech versus freedom of speech and expression on social media: a critical legal study.	Awarded
8.	Dr. RashwetShrinkhal	Shubha Nandini	From Gender Equality To Gender Neutrality In India: A Critical Legal Study	Awarded
9.	Dr. RashwetShrinkhal	Vinay Kannojiya	The Constitution Of India As Transformative Constitutionalism: A Study With Special Reference To Right To Equality.	Awarded
10	Dr. RashwetShrinkhal	Sujay Kumar Lal	Human Rights To Street Children With Special Reference To Lucknow A Socio-Legal Study	Awarded
11	Dr. RashwetShrinkhal	Pratyush Mishra	The dynamic landscape of artificial intelligence: exploring legal and social challenges in an evolving sphere"	Awarded
12	Dr. Dhirendra	Devesh Singh	"Legal study of irretrievable breakdown of	Awarded

	Vikram Singh		marriages as a ground of divorce"	
13	Dr. Dhirendra Vikram Singh	Yojana Srivastava	Admissibility And Evidentiary Value Of Scientific Evidence With Special Reference To Recent Judicial Trends	Awarded
14	Dr. Dhirendra Vikram Singh	Shivanshu Mishra	Uniform Civil Code: Misconceptions And Reality	Awarded
15	Dr. Dhirendra Vikram Singh	Hardik Anand	Comparative Study Of Law Relating To Rights Of Transgender Community Vis-A-Vis Health Care Laws In India Usa And Uk	Awarded
16	Dr. Dhirendra Vikram Singh	Akanksha Singh	Dalit Women And Their Socio-Economic Sphere In India : In Pursuit Of Social Justice	Awarded
17	Dr. Dhirendra Vikram Singh	Samriddhi Mishra	"Condition of women prisoner and their children in indian prison''	Awarded
18	Dr. Sonali Roy Choudhury	Amogh Kant Mishra	A Legal Study On Post Traumatic Stress Disorder And The Insanity Defense In Criminal Proceedings.	Awarded
19	Dr. Sonali Roy Choudhury	Prabhash Ranjan	A Legal Study On Capital Punishment In India With Reference To Effective Punitive Mechanism	Awarded
20	Dr. Sonali Roy Choudhury	Neeraj Kumar Jaiswal	"A study on right to privacy with reference to The digital personal data protection bill, 2022"	Awarded
21	Dr. Sonali Roy Choudhury	Prateek Arya	A Legal Study O F Law Of Sedition With Reference To Freedom Of Speech And Expression	Awarded
22	Dr. Sonali Roy Choudhury	Pratibha Elin Lakra	A Study On The Need Of Law On Ott Content	Awarded

School of Life Sciences

The School of Life Sciences comprises the Department of Zoology and Department of Biotechnology. Both the departments offer P.G. and Ph.D. courses. The Department of Zoologycommenced its first ever academic session since 2001 and the Department of Biotechnology started functioning from September 2005. Both the departments are well equipped with laboratories and field facilities, as per requirement. The faculty members of the school belong to varied regions of the country with diverse fields of specialization. Since courses are multifaceted, the school arms its students for 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 the departments.

Department of Biotechnology

The Department of Biotechnology started in September, 2005 under the School for Biosciences and Biotechnology, presently, under School of Life Sciences (SLSc). The present intake capacity is 38 students. Apart from M. Sc in Biotechnology, the department also offers Ph. D in Biotechnology with a diverse field of specialization including Enzyme Technology and Microbial Technology, Plant Molecular Biology, Immunotechnology and Bioinformatics.
Department has also started two self-finance courses of M. Sc Industrial Biotechnology and M. Sc Bioinformatics with intake capacity of 22 students each from academic session 2022-23.

Biotechnology, being a multidisciplinary subject, requires knowledge from various areas of biological as well as technological sciences. It encompasses understanding of fundamental concepts and their applications in the area of Molecular biology, Cell Biology, Immunology, Microbiology, Biochemistry, Bioinformatics and Bio-processing. Keeping in view the developing of modern applied aspect of the subject, Biotechnology has now become a multi-billion-dollar industry. The teaching programmecaters the requirement of Biotechnology Industry and Institutes in India and aboard.
Presently, Choice Based Credit System has been introduced and many courses which may supplement and compliment core Biotechnology subject from various discipline i.e. Law, Zoology, Horticulture, Microbiology, Environmental Science, Management, Statistics etc. have been introduced.
The course curriculum of M. Sc. Biotechnology has been prepared taking the guidelines from UGC and DBT, Govt. of India modified time to time in respective BoS (Board of Studies) meetings held on16-11-2022, 20-08-2019, 20-04-2018, 22-05-2015, 21-03-2014, 11-11-2009 and October 2005. Modifications in syllabus in consultation with the industry professionals, practitioners, students and their parents are continuous process.
In addition to the normal teaching classes and the practical training, the curriculum has integral components of Research communication, Seminars and Research based project works targeted to shape the student's career in accordance with the requirement of the present national and international needs.
The department is in the process of developing facilities conducive for training in the field of Biotechnology at par with that of international level. Faculty of the department is running various extramural research projects from agencies like UGC, DST and DBT. Many distinguished scientists and eminent scholars from premier research institutes such as CSIR, ICAR, Indian and foreign Universities are invited to deliver lectures in their area of research interest from time to time. The students are exposed to both academics as well as extracurricular activities during their tenure

1. **Courses offered**
   i. M. Sc. Biotechnology
   ii. Ph. D. Biotechnology
   iii. M. Sc. Industrial Biotechnology (Self-Finance)
   iv. M. Sc. Bioinformatics(Self-Finance).
2. **Facilities available in the Department**
   i. M. Sc. Laboratory.
   ii. Research Laboratory.
   iii. Central Instrumentation Laboratory.
   iv. Smart Classroom.

v. Departmental Library.

3. Details of faculty

(i) Prof. Dinesh Raj Modi
Professor & Head
Specialization: Microbial Technology and Bioremediation
Qualifications: M.Sc., Ph.D.

(ii) Prof. SangeetaSaxena
Professor, Department of Biotechnology
Dean, School of Life Sciences
Specialization: Plant Molecular Biology, Plant Virology,Molecular Markers, RNA Interference, Medicinal plants in age related studies on*C.elegans*
Qualifications: M. Sc., M. Phil., Ph. D.

(iii) Dr. G. Sunil Babu
Associate Professor
Specialization: Immunomodulation, Cancer Genetics, Host-pathogeninteraction at miRNA level, Bioinformatics
Qualifications: M.Sc., Ph.D.

(iv) Dr. Monica Sharma
Assistant Professor
Specialization: Enzyme and Microbial Technology, Bioinformatics
Qualifications: M.Sc., Ph.D.
Teaching Experience: 15 Years
Research Experience: 15Years
Contact No: (+91) 9717386785
Email ID: monashimla@gmail.com, dr.monikas@bbau.ac.in

(v) Dr. Yusuf Akhter
Assistant Professor
Specialization: Protein Structures; Drug discovery against bacterial and Protozoan pathogens
Qualifications: M.Sc., Ph.D.

(vi) Dr. RatikaSrivastava
UGC- Assistant Professor
Specialization: Immunomodulation, Cancer Immunotherapy, Drug Discovery
Qualifications: M.Sc., Ph.D.

4. Details of Seminar / Conference organized by the department

i. Organized "World Immunology Day" on 28th April, 2023
ii. Organized Indo-US flow cytometry workshop on "Flow cytometry and its applications in Biology" during 3rd& 4th Feb 2024

5. Other departmental level Academic Activities

i. Organized an invited talk on "Cancer progression, bone metastasis and neuroendocrine differentiation" by Dr. Girijesh K. Patel, Ramalingaswami / Scientist D, Department of Gastroenterology, SGPGIMS, Lucknow on 05-05-2022.
ii. Organized an expert talk / discussion on "History and Science Agriculture" by Dr. SushmaNaithani, Associate Professor, Dept. of Botany and Plant Pathology, Oregon State University, Corvallis, U.S.A. on 23-06-2022.
iii. Organized guest lecture on "Molecular Basis for Prostate Cancer" by Dr. ShashwatSharad, Principal Research Officer, Rajeev Gandhi Cancer Institute and Research Center, Rohini, New Delhi on 13-07-2022.
iv. Organized guest lecture on "Nature as classroom: Understanding the environment through the lens of our surroundings" by Dr. Rudra Banerjee, CSIR-NBRI, Lucknow on 11-11-2022.

6. Visitors of Department from inside the country(01.04.2023 – 31.03.2024)

i. Prof Himanshu Kumar, Department of Biological Sciences, IISER Bhopal visited the Department on the occasion of International day of Immunology on 28th April 2023

7. Member/fellowship of professional/academic bodies/editorial board (Kindly don't furnish confidential work)

i. Prof. Dinesh Raj Modi

- Association of Microbiologists of India - Life Member
- Biotech Research Society of India - Life Member

ii. Prof. SangeetaSaxena

Membership in Academic bodies

- Chairperson , National Education policy (08.02.2023 onwards)
- Member, Board of Management of BBAU (19.10.2022onwards)
- External expert of the Board of Studies (SRMU, 10.09.2022onwards)
- External expert of the Board of Studies (Integral University, 16.08.2022onwards)
- Member, Planning Board of the BBAU (27.07.2022onwards)

Membership in Professional bodies:

- Association for promotion of DNA fingerprinting and other DNA technologies (ADNAT) CCMB, Hyderabad.
- Society of Biological Chemist (SBC), India.
- Indian Society of Genetics & Plant Breeding.

iii. Dr. G. Sunil Babu

Membership in Professional bodies:

- Life Member, Indian Immunology Society.
- Life Member, The Society of Biological Chemists (SBC) India.
- Life Member, TheCytometry 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

Academic bodies

- Member Secretary, Institutional Ethics Committee, BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh- 226025.
- Member Secretary, Institutional Biosafety Committee, BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh- 226025.

Administrative bodies

- 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

iv. 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: 2022*Frontiers* in Extreme Microbiologypublished by Frontiers Media, Switzerland

- Guest Associate Editor *Frontiers* in Extreme Microbiologypublished by Frontiers Media, Switzerland (since 2022)
- Guest Associate Editor in *Frontiers in* Microbiotechnology published by Frontiers Media, Switzerland (since 2022)
- Review Editor *Frontiers* in Microbiotechnologypublished by Frontiers Media, Switzerland (since 2020)

v. Dr. Yusuf Akhter

- Editor-in-Chief, Archives of Microbiology, published by Springer-Nature, Berlin (2023).
- Associate Editor, Frontiers in Genetics (Bioinformatics and ComputationalBiology) published by Frontiers Media, Switzerland (since 2018)
- Associate Editor, BMC Genomics published by BioMed Central, UnitedKingdom (since 2018)
- Associate Editor, BMC Microbiology published by BioMed Central, UnitedKingdom (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 byBentham Science Publishers (since 2016)
- Review Editor in the Editorial Board of Frontiers in Microbiology, Frontiersin Medicine and Frontiers in Public Health (since 2016)
- Life Member, Society of Biological Chemists, India, (since 2013)

vi. Dr. RatikaSrivastava

- Life Member Indian Immunology Society
- Life Member of Indian Pharmacology Society

8. Details of Book chapter in edited volume / conference volume :-

I. J. Verma, C. Kumar, M. Sharma, Amritesh C. Shukla, **S. Saxena**(2024)Exploitation of microbial consortia for formulating biofungicides, biopesticides and biofertilizers for plant growth promotion,**Book title:** Entrepreneurship with Microorganisms(pages 227-257),Publisher: **Academic Press, ISBN:** 978-0-443019049-0

II. RanbirChanderSobti, **Sunil BabuGosipatala**, Pushpa Reddy, NiveditaBisht, Shruti R Kuril, KajaMadhuri, Gyan Chand, TejinderKaur and Manish Thakur. (2024). Advanced Therapeutic Approaches in Cancer Therapy. In: Sobti, R.C., Ganguly, N.K., Kumar, R. (eds) Handbook of Oncobiology: From Basic to Clinical Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-99-2196-6_79-1

III. RanbirChanderSobti, **Sunil BabuGosipatala**, Monicalsharma, Pushpa Reddy, raj Kumar Khalko, TejinderKaur and Manish Thakur. (2024). Types of Cancers, Epidemiology, and Molecular Insights. In: Sobti, R.C., Ganguly, N.K., Kumar, R. (eds) Handbook of Oncobiology: From Basic to Clinical Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-99-2196-6_1-1

IV. **Sunil BabuGosipatala**, Pushpa Reddy, Raj Kumar Khalko,NiveditaBisht, Shruti Kuril, KajaMadhuri, RishabhKasaudhan, SaurabhYadav, Monica Sharma, Pradyumn Singh, Gyan Chand, TejinderKaur Manish, Thakur and RanbirChanderSobti(2024). Current Concepts and Advances in Oncobiology. In: Sobti, R.C., Ganguly, N.K., Kumar, R. (eds) Handbook of Oncobiology: From Basic to Clinical Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-99-2196-6_80-1

V. Pushpa Reddy, Pradyumn Singh, ShrutiR. Kuril ,ArtiPriyadarshini, **Sunil BabuGosipatala**, Gyan Chand, Venkatesh Kumar R , TejinderKaur, Manish Thakur and RanbirChanderSobti (2024). Technological Advancements in Cancer Diagnosis and Prognosis. In: Sobti, R.C., Ganguly, N.K., Kumar, R. (eds) Handbook of Oncobiology: From Basic to Clinical Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-99-2196-6_81

VI. SnehaKumari, AbhishekPandeya, Raj Kumar Khalko, PrashansaKhanna, Utkarsha, R.C,. Sobti and **Sunil BabuGosipatala*(2024).** Viral miRNAs role asdiagnostic, prognostic biomarkers for

cancer and infectious disease. Edited by Sobti et al. -Biomarkers in Cancer detection and monitoring of Therapeutics, Vol:I: Discovery and Technologies published by Elsevier-Academic press. pg no:199-214

VII. AbhishekPandeya, Raj Kumar Khalko, BhartiKotarya, Hema, Jitendra Kumar Yadav, SudiptaSaha, RanbirChanderSobti, **Sunil BabuGosipatala*. "**Human Papillomavirus (HPV) - molecular epidemiology of infection and its associated diseases (2023)." in *Biomedical Research, Medicine And Disease: CRC Publishers*.

9. Paper published during the year by the faculty members :- (during 01.04.2023 -31.03.2024)

I. Chaturvedi, S., Singh, S., Pooja.,Modi, D. R. The Correlation between KCNJ11 rs5215 Gene Polymorphism and Type 2 Diabetes Mellitus in Northern Population. Biological Forum – An International Journal. 2023;15(4): 678-683.

II. Sailendra Kumar, AnamtaRizvi, SangeetaSaxena (2024) Phylogenetic and evolutionary analysis of papaya leaf curl virusesinfecting a diverse host range: An ***in-silico***approach, Journal of Applied Science, Innovation and Technology, ISSN: 2583-505X

III. AnamtaRizvi, Sailendra Kumar, SangeetaSaxena (2024) Physicochemical evaluation of microgreens and mature leaves ofOcimum sanctum using mid-infrared spectroscopy, scanning electronmicroscopy and energy dispersive x-ray spectroscopy, Journal of Applied Science, Innovation and Technology, ISSN: 2583-505X

IV. KritiRoopendra, Priyanka, Amaresh Chandra, Yusuf Akhter, **SangeetaSaxena** (2024) Transcriptome scale analysis to decode the differential sucrose accumulation mechanisms in sugarcane under the effect of gibberellin, PhysiologiaPlantarum, ISSN: 1399-3054

V. Priyanka, Yusuf Akhter, **SangeetaSaxena** (2024) First Report of Tomato Leaf Curl Kerala Virus Infecting Papaya in India, New Disease Report, ISSN: 2044-0588

VI. Raj Kumar Khalko, AbhishekPandeya, **SangeetaSaxena**, Sunil BabuGosipatala (2024) HCMV miR-UL70-3p downregulates the rapamycin-induced autophagy by targeting the autophagy-related protein 9A (ATG9A), International Reviews of Immunology, ISSN: 1563-5244

VII. Shubham Singh, **Sangeeta Saxena**, Himani Sharma, KeshavRaj Paudel, Amlan Chakraborty, Ro nan MacLoughlin, BrianG. Oliver, Gaurav Gupta, Poonam Negi, Sachin Kumar Singh, Kamal Dua(2023) Emerging role of tumor suppressing microRNAs as therapeutics in managing non-small cell lung cancer, Pathology – Research and Practice, ISSN: 0344-0338

VIII. MadhurimaYadav, Sailendra Kumar, AnamtaRizvi, **SangeetaSaxena** (2023) Vertical hydroponics for sustainable soilless farming revolution in strawberry cultivation for urban dwellers, Journal of Applied Science, Innovation and Technology, ISSN: 2583-505X

IX. Raj Kumar Khalko, AbhishekPandeya, SangeetaSaxena and Sunil BabuGosipatala (2023). HCMV miR-UL70-3p downregulates the rapamycin-induced autophagy by targeting the autophagy-related protein 9A (ATG9A). International Reviews of Immunology .**I.F 5.078**

X. Venkatesh Kumar R, Sunil BabauGosipatala, Ram Kumar, DevikaSrivastava, Vandana Singh, KusumalaSuman, Deepak Kumar Tripathi, AbhishekVerma, Akash Mishra, Karan Kumar Vishwakarma, Stuti Annapurna Singh, TriptiPandey, SanskratiAgarwal, MohdElyies, Ishani Singh, Pinky Kumar, SahChaya Sharma, RishabParag, PragyaSaxena, Akanksha Raj, anshikaTripathi, Poonam Devi and Krishna Mohan Poluri (2023) " Characterization, antioxidant and antimicrobial properties of Mulberry lattices, ACS Omega , DOI:10.1021/acsomega.3c06069. **IF: 4.132**

XI. Akshita Singh, ShrutiRajkishore Kuril, Pushpa Reddy, NikkuYadav, Raj Kumar Khalko and **Sunil BabuGosipatala** (2023). Lab grown meat: A low carbon and water footprint alternative. **Kahaar**: July-September page no: 41-47

XII. MeghnaArya, ArpitTiwari and **Monica Sharma*** (2024) Pretreatment effects on the biomass composition and saccharification of wood sawdust.Biochemical and Cellular Archive, 24: 235-242. DOI:doi.org/10.51470/bca.2024.24.1.235

XIII. MeghnaArya, GarimaChauhan, UtsavVerma, **Monica Sharma*** (2024) Cloning, heterologous expression and purification of the novel thermo-alkalistablecellulase from Geobacillus sp. TP-3 and its molecular characterization.Beni-Suef University Journal of Basic and Applied Sciences , 13: 36 DOI:10.1186/s43088-024-00495-9 (Impact factor -3.1)

XIV. MeghnaArya, GarimaChauhan, Tazeem Fatima, DigvijayVerma, **Monica Sharma*** (2024) Statistical Modelling of ThermostableCellulase Production Conditions of

ThermophilicGeobacillus sp. TP-1 Isolated from Tapovan Hot Springs of the Garhwal Himalayan Mountain Ranges, India. Indian Journal of Microbiology, DOI:10.1007/s12088-024-01258-x

XV. **Monica Sharma***, SrastiVerma, GarimaChauhan, MeghnaArya, AshaKumari (2024) Mycelium-based biocomposites: synthesis and applications. Environmental Sustainability, DOI:10.1007/s42398-024-00305-z

XVI. GarimaChauhan, MeghnaArya, Vikas Kumar, DigvijayVerma, **Monica Sharma*** (2024). An improved protocol for metagenomic DNA isolation from low microbial biomass alkaline hot-spring sediments and soil samples. 3 Biotech 14: 34.

XVII. Birgit Sattler*, **Monica Sharma*** (2023) Women in extreme microbiology: 2022. Editorial in Frontiers in Microbiology: Section Extreme Microbiology, 14: 1339335. DOI:https://doi.org/10.3389/fmicb.2023.1339335

XVIII. Extracellular mitochondrial components as new biomarkers for lupus nephritis.Gowda S, Rana K, Kumar A, Prajapati PK, Patel N, Pandya S, **SrivastavaR.**Lupus. 2024 Jul;33(8):779-786. doi: 10.1177/09612033241247622. Epub 2024 Apr 15.PMID: 38621786

XIX. Glycolate oxidase-1 gene variants influence the risk of hyperoxaluria and renal stone development.Patel YP, Patel SB, Patel P, Parikh A, Soni S, **Srivastava R**, Raval C, Ganpule AP, Desai MR, Patel SG, PandeySN.World J Urol. 2024 Jan 12;42(1):28. doi: 10.1007/s00345-023-04718-z.PMID: 38214752

XX. A systematic review and meta-analysis recite the efficacy of Tacrolimus treatment in renal transplant patients in association with genetic variants of *CYP3A5* gene.ChauhanPM,Priyal M Chauhan[1], Rashmi J Hemani[1], Nilay D Solanki[1], Nitiraj B Shete[2], Sishir D Gang[3], Abhijit M Konnur[3], **RatikaSrivastava**[4], SachchidaNandPandey[5]. Am J ClinExp Urol. 2023. PMID: 37645617

XXI. Madhu, Swati and Trivedi, Pinal and Shukla, Suraj and Srivastava, Dr. Ratika and Gajjar, Devarshi, Qualitative and Quantitative Estimation of Beta-Glucan (B-1,3-Glucan) Extracted from Keratitis Causing Fusarium Spp.Available at SSRN: https://ssrn.com/abstract=4748945or http://dx.doi.org/ 10.2139/ ssrn. 4748945

XXII. Gauri Shankar and **Yusuf Akhter** (2024) 'Molecular insights into ferric-siderophore transport by the putative TonB-dependent transporter in Mycobacterium tuberculosis', *Journal of Biomolecular Structure and Dynamics*, pp. 1–18(Impact factor 2.7)

XXIII. Subhash Kumar Yadav, Saif Ali Khan, MayankTiwari, Arun Kumar, Vinit Kumar, **Yusuf Akhter** (2024) 'Taking cues from machine learning, compartmental and time series models for SARS-CoV-2 omicron infection in Indian provinces',*Spatial and Spatio-temporal Epidemiology*,Volume 48,100634(Impact factor 2.1)

XXIV. SabahatYasmeenSheikh, Firoj Hassan, DeepanjaliShukla, ShashiBala, TabrezFaruqui, **Yusuf Akhter**, Abdul Rahman Khan, and Malik Nasibullah. "A review on potential therapeutic targets for the treatment of leishmaniasis." *Parasitology International* (2024): 102863(Impact factor 1.5)

XXV. SunidhiBhatt, PriyankaChoudhary, SubhankarChatterjee, and **Yusuf Akhter**. "Comparative analysis of SilA-laccase mediated degradation of ciprofloxacin, norfloxacin and ofloxacin and interpretation of the possible catalytic mechanism." *Journal of Biomolecular Structure and Dynamics* 42, no. 1 (2024): 425-434(Impact factor 2.7)

XXVI. Priyanka,**YusufAkhter**, and SangeetaSaxena. "First report of Tomato leaf curl Kerala virus infecting Carica papaya in India." *New Disease Reports* 49, no. 1 (2024)(Impact factor 2)

XXVII. VinitKumar, Gauri Shankar, and **Yusuf Akhter**. "Deciphering drug discovery and microbial pathogenesis research in tuberculosis during the two decades of postgenomic era using entity mining approach." *Archives of Microbiology* 206, no. 1 (2024): 46(Impact factor 2.3)

XXVIII. MadhuYadav, and **Yusuf Akhter**. "Validating Fractalkine receptor as a target and identifying candidates for drug discovery against type 2 diabetes." *Journal of Cellular Biochemistry* 125, no. 1 (2024): e30511(Impact factor 3)

XXIX. ChinmoyGhosh, Manash C. Das, ShukdebAcharjee, SamadritaBhattacharjee, PadmaniSandhu, Monika Kumari, JoyantaBhowmik, RanjitGhosh, Birendranath Banerjee, Utpal Chandra De, **Yusuf Akhter**&SurajitBhattacharjee. "Combating Staphylococcus aureus biofilm formation: The inhibitory potential of tormentic acid and 23-hydroxycorosolic acid." *Archives of Microbiology* 206, no. 1 (2024): 25(Impact factor 2.3)

XXX. VishwajeetSingh, Saif Ali Khan, Subhash Kumar Yadav, and **Yusuf Akhter**. "Modeling global monkeypox infection spread data: a comparative study of time series regression and machine learning models." *Current Microbiology* 81, no. 1 (2024): 15(Impact factor 2.3)

XXXI. GarimaSingh, YuvarajuVenkataramaraju, GeetanjaliMeher, Bhavani Shankar Sahu, Mohammed Saleem, and **Yusuf Akhter**. "Distinct membrane perturbation effects of Catestatin and its CST-364 S variant: Insights from molecular simulations and anisotropy measurements." *Biochimica et BiophysicaActa (BBA)-Biomembranes* 1866, no. 1 (2024): 184238(Impact factor 2.8)

XXXII. NavneetSharma, **Yusuf Akhter**, and Showkat Mir. "Revival and Resurgence of Science Education in India: Lessons from the Hoshangabad Science Teaching Programme." *SEAQIS Journal of Science Education* 3, no. 02 (2023): 19-30.

XXXIII. PraneshKumar, TabrezFaruqui, Ajay K. Yadav, Dinesh Chandra, SaumyaVerma, SudiptaSaha, Jawahar L. Jat, and **Yusuf Akhter**. "Targeting caspase pathway by novel N-Me aziridine derivatives for hepatocellular carcinoma drug discovery." *Journal of Biomolecular Structure and Dynamics* (2023): 1-12(Impact factor 2.7)

XXXIV. SurayaJan, Mohd I. Dar, Gauri Shankar, RubiadaWani, JagjeetSandey, ShilpiBalgotra, Syed MudassirMohd J. Dar, Sanghapal D. Sawant, **Yusuf Akhter**, Sajad H. Syed. "Discovery of SDS-347 as a specific peptide competitive inhibitor of G9a with promising anti-cancer potential." *Biochimica et BiophysicaActa (BBA)-General Subjects* 1867, no. 9 (2023): 130399(Impact factor 2.8)

XXXV. **YusufAkhter**, ShubhamRastogi, and GauravKaithwas. "Frequent brushing of teeth inhibits the dissemination of the SARS-CoV-2: the biochemical mechanism." *Environmental Sustainability* 6, no. 3 (2023): 423-426(Impact factor 3)

XXXVI. AveepsaSengupta, Kunwali Das, NidhiJha, **Yusuf Akhter**, and Ashutosh Kumar. "Molecular evolution steered structural adaptations in the DNA polymerase III α subunit of halophilic bacterium Salinibacterruber." *Extremophiles* 27, no. 2 (2023): 20(Impact factor 2.6)

XXXVII. Sheikh, SabahatYasmeen, Waseem Ahmad Ansari, Firoj Hassan, TabrezFaruqui, Mohammad Faheem Khan, **Yusuf Akhter**, Abdul Rahman Khan, Maqsood A. Siddiqui, Abdulaziz A. Al-Khedhairy, and Malik Nasibullah. "Drug repositioning to discover novel ornithine decarboxylase inhibitors against visceral leishmaniasis." *Journal of Molecular Recognition* 36, no. 7 (2023): e3021(Impact factor 2.3)

XXXVIII. Azad, Iqbal, Tahmeena Khan, Naseem Ahmad, Abdul Rahman Khan, and **Yusuf Akhter**. "Updates on drug designing approach through computational strategies: a review." *Future Science OA* 9, no. 5 (2023): FSO862 (Impact factor 2.4)

XXXIX. Alnomasy, Sultan F., Bader S. Alotaibi, Ziyad M. Aldosari, Ahmed H. Mujamammi, Ahmad Alzamami, PragyaAnand, **Yusuf Akhter**, Farhan R. Khan, and Mohammad R. Hasan. "Molecular Interactions of Zyesami with the SARS-CoV-2 nsp10/nsp16 Protein Complex." *Combinatorial Chemistry & High Throughput Screening* 26, no. 6 (2023): 1196-1203 (Impact Factor 1.6)

XL. Firoz, Ahmad, Adeel Malik, Hani Mohammed Ali, **Yusuf Akhter**, BalachandranManavalan, and Chang-Bae Kim. "PRR-HyPred: A two-layer hybrid framework to predict pattern recognition receptors and their families by employing sequence encoded optimal features." *International Journal of Biological Macromolecules* 234 (2023): 123622(Impact Factor 7.7)

XLI. Mondotte, Juan A., and **Yusuf Akhter**. "Retirement of Prof ErkoStackebrandt, a long-standing stalwart advocate of microbiology, the Editor-in-Chief." *Archives of Microbiology* 205, no. 4 (2023): 119(Impact factor 2.3)

10. Participated/ Paper Presented in conference/seminar/workshop inside country

i. Dr Sunil BabuGosipatala Chaired asession on Indian Science day at BabasahebBhimraoAmbedkar University, Lucknow 28thFeb2024.

ii. Attended Golden Jubilee Conference of the Indian Immunology Society (Immunocon-2023) organized by Department of Biochemistry, AIIMS, New Delhi during 5th to 8th October 2023.

iii. **Dr. Monica Sharma chaired International Conference-** Oral presentation on title "Cloning and heterologous expression of thermophilicamidases enzyme isolated from the metagenome of Tapovan hot spring, Uttarakhand" 64th Annual International Conference Association of Microbiologists of India - 2023 on Microbes for LIFE-Lifestyle for the Environment-A Strategy for Wellbeing December 1-3, 2023.

iv. KhushbooRana, SharathGowda, **RatikaSrivastava**. IUIS-FIMSA-IIS-IMMUNO-INDIA-2023 course on "Epigenetic regulation in immune response" with Poster presentation on **Exploring mitochondrial DAMPs as potential non-invasive biomarker of Systemic Lupus Nephritis.** 1st - 6th October 2023. RajivGandhi Centre for Biotechnology (RGCB), Thiruvananthapuram, India.

11. Details of invited lectures inside country

i. Delivered a keynote lecture on **"Exploring the therapeutic potential of miRNAs in human diseases caused by Herpes viruses**" at the faculty development program on "Current updates in Biotechnology and Biological sciences" at ShriRamaswaroop Memorial University, Deva Road, Lucknow on 15th July 2023.

ii. Dr. Monica Sharma delivered an invited lecture on, "Role of Intellectual Property Rights in Biotechnology", in the UPCST-sponsored Workshop On Role of Intellectual Property Rights In Science & Technology (19-23 Feb 2024) organised by the IPR cell of SRM University held on 21 February 2024.

iii. Dr. Monica Sharma Delivered lecture on "Protein Isolation and Quantification Strategies for Western Blotting" on 7th March 2024, in SERB-sponsored Karyashala (High-End Workshop) on "FLOW CYTOMETRY, qRT-PCR, WESTERN BLOTTING AND ITS APPLICATIONS IN PHARMACEUTICAL RESEARCH" organised by Department of Pharmaceutical Sciences, BBAU Lucknow.

iv. Dr. Monica Sharma delivered lecture on "Avenues and Career Prospects in Bioengineering" organised by the Department of Biotechnology Engineering, Integral University, 6th June 2024.

v. Dr. Monica Sharma delivered lecture on titled "The Pivotal Role of Higher Education in Fostering Entrepreneurship and Skill Development" in "One Week Online Workshop on Entrepreneurship and Skill Development" from 10th -14 th June 2024, organised by SRM University, 14th June 2024.

12. Details of Research Projects (Major and Minor) :-04

S. No.	Title ofProjects	Funding Agency	Duration(Specific Dates)	Totalgrant (Lakh)	Role (PI/CO-PI)
1.	Examining the regulatory role(s) of HCMV miRNAs on proapoptotic genes"	UP-CST	30thAug 2022 to 29thAug2025	**6L**	**P.I. Dr Sunil BabuGosi patala**
2.	"Identification and functional analysis of SARS CoV-2 miRNAs and their respective cellular targets involved in host immune regulation"	DST-SERB	11 March 2022 to 10 March 2025	**40.36L**	**P.I Dr Sunil BabuGosi patala**
3.	"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 BabuGosi patala**
4.	"Microbes Assisted Recovery Of Rare Earth Elements (Ree) From Laterite Badlands, Coal And Lignite Mines Overburden"	SERB	8thMay 2024 to 7thMay 2027	**Rs. 40,35780/-**	**CO-P.I Dr. YusfAkhtar**

13. Student achievements : –

I. **Accomplishment of the students.**

Number of Students completed their Master/Graduation/ Diploma	M. Sc Biotechnology	38
Number of students pursuing higher studies	Enrolled in Ph. D	05
Number of Student selected placed through campus interview		002
Number of student awarded SLET/NET/ JRF other fellowship	GATE	00
	UGC NET	00
	CSIR JRF	00

II. **Faculty wise supervision of the M.Sc. Student/ Dissertation submission/degree awarded :-**

i. Prof. D.R. Modi

i. ADITI KUMARI (2024): Benefits of using conventional or advanced methods for degradation of Plastics. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
ii. PUNGKHA BASUMATARY (2024): Relationship between Type 2 Diabetes and Thyroid disease. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
iii. KhushiIshikaMahato (2024): Algae-assisted photosynthetic microbial fuel cells for energy production. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
iv. KM NIDHI (2024): Effect of diabetes in haemophillia patients compared to childhood and adolescence. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
v. Nandana U.M (2024): Novel Anti-diabetic drugs for type 2 diabetes mellitus. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
vi. Sandhya (2024): Gestational Diabetes mellitus. BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
vii. Sradha (2024): n.s Correlational between PCOS and Diabetes mellitusBabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
viii. Nisha Kishore Prashad (2024): Impact of soil bacteria on biochemical cycles BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
ix. JadavSrikanth (2024): Relationship between Type 2 diabetes and Inflammation BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
x. ANNU RANA (2024): Micro-organism used in the industrial preparation of yogurt.BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.

ii. Prof. SangeetaSaxena

i. Ashish Kumar, (2024).**Ameliorate Potential of Beetroot Microgreens Extract on Rotenone Induced Neurodegenerative*Caenorhabditiselegans.*** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
ii. Emmanuel Debbarma, (2024).**Trailing the prospects of microgreens as functional foods.**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
iii. Sadaf Khan, (2024).**Cultivation and biochemical characterization of basil microgreens and assessment of its neuroprotective and anti-aging properties on *C. elegans.*** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
iv. Komal Dixit, (2024).**Extrapolation of potential antioxidant properties of Ripe papaya fruit in preventing H_2O_2-induced aging in*Caenorhabditis elegans.*** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
v. Aruna Mishra, (2024).**Exploring the Therapeutic Role of *Ocimumbasilicum*L. in Alleviating Neurodegeneration: Insights from *Caenorhabditiselegans* Studies.** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh
vi. DeepikaUpadhyay, (2024). **Unripe papaya multi-faceted influence on *Caenorhabditiselegans*: lifespan extension, stress resistance, and health enhancement.** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh

vii. EshaBansal, (2024). **Biochemical characterization of *Withaniasomnifera* and assessment of its anti-aging properties on *Caenorhabditiselegans*.**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh

iii. Dr. Sunil BabuGosipatala:

i. Ms. Alka Singh (2024): **Exploring the miRNAs in different variants of Monkeypox and their regulatory role in cellular autophagy,** BBAU, lucknow
ii. Ms. TanuBano (2024): **In-silico identification of Nipah Virus micro-RNAs and their role on generation of human immune response,** BBAU, lucknow
iii. Ms. Shruti R Kuril (2024): **Unraveling the mosaic: Gene Reassortment& Human Cell Culture,** BBAU, lucknow
iv. Ms. AditiAgrawal (2024): **Investigation on the role of miRNA like sequences of SARS-CoV-2 on apoptosis,** BBAU, lucknow
v. Ms. DivyaPandey (2024): **In-silico identification of microRNA like sequences in different strains of SARS-CoV-2 and their role on human immune response generation.** BBAU, lucknow
vi. Mr. Prateek Singh(2024): **Exploring the anti-apoptotic potential of hcmvmiR UL 70-3p in AD 549 cells,** BBAU, Lucknow

iv. Dr. Monica Sharma :-

I. GunjanParashar (2024). **"Deinking Potential of Recombinant Xylanase enzyme rxyn-GM"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
II. UtsavVerma (2024). **"Purification studies on novel thermo-alkalistablecellulase of Geobacillus sp. TP-3 and its characterization"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
III. Sushila (2024). **"Investigatigational Analysis of Various seeds for Hydroxynitrilelyase activity."**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
IV. ArpitTiwari (2024). **"Saccharification of pretreated sawdust using cellulase producing Geobacillus strain isolated from hot spring of Uttarakhand Region."**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.

v. Dr. Yusuf Akhtar :-

i. RishabhKasaudhan (2024). "**studying the role of ESAT-6 in phagosome membrane destabilisation:Mechanistic insight from molecular dynamic simulations".** BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
ii. AyushDuttPandey (2024). **"Menaquinone biosynthesis pathway as potential site of target and inhibitor designing against menE"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
iii. Anjali Kandpal (2024). **"A review Heme mediated iron uptake in MTB and possible drug development targets"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
iv. Anantverma (2024). **"A review on mechanism of biofilm formation in Mycobacterium tuberculosis and its impacts in drug resistance"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
v. SaurabhYadav (2024). **"Designing putative inhibitors to target thr Rv1258c efflux pump in Mycobacterium tuberculosis."**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
vi. ShubhangiKumari (2024). **"A review on iron uptake in Mycobacterium tuberculosis and role of ABC transporter in iron uptake process"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.
vii. Prayanhsuverma (2024). **"Inhibitor designing against monotopic NDH – 2 protein as potential anti-TB target"**BabasahebBhimraoAmbedkar University, Lucknow, Uttar Pradesh.

vi. Dr. RatikaSrivastava :-

i. SumangalaChoudhary (2024). **Immunomodulatory effects of tobacco based carcinogens in various cancers.**
ii. HabbibaKaneez (2024). **Neutrophils to lymphocyte ratio: A potential biomarker of survival rate in oral cancer patients.**

iii. RimitaMajumder (2024). **Cell free mitochondrial DNA as potential biomarker for breast cancer.**
iv. MilikaZhimomi (2024). **Immunogenicity risk assessment in medical implants/prosthetics: A comprehensive review.**
v. AsthaPandey (2024). **BST-2 Antagonist: a potential therapeutic entity in various diseases.**
vi. NishantRai (2024). **NLR as biomarker of tobacco mediated oral cancer.**
vii. SwetaBharti (2024). **Unveiling BST-2: Its role, structure and therapeutic target in human solid cancers.**

III. **Ph. D. Submitted during the year. :-**02

S. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Ms. GarimaChauhan	Dr. Monica Sharma		Bioprospecting of Hot Springs of India for ThermophilicXylanases Using Metagenomics Approach	UGC-SRF
2.	Ms. MeghnaArya	Dr. Monica Sharma		Investigational Analysis of the Geothermal Springs of India for Cellulose Degrading Enzymes	UGC Non-NET

IV. **Ph.D. Student's Pursuing:**

S. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Mr. Raj Kumar Khalko	Prof. Sangeeta Saxena	Dr. G. Sunil Babu	Identification and functional analysis of anti-autophagic HCMV miRNAs.	N.A.
2.	Mr. Sailendra Kumar	Prof. Sangeeta Saxena		"*Caenorhabditiselegans* as a model organism to evaluate the anti-aging potential of *in silico* screened phytochemicals present in papaya fruit extracts"	UGC Non-NET
3.	Ms. ShubhangiChaturvedi	Prof. D. R. Modi		Genetic variants and their effect against anti-diabetic drugs in T2DM.	UGC Non-NET
4.	Ms. Anamta Rizvi	Prof. Sangeeta Saxena		"Role of Microgreens as Nutraceuticals Against Neurodegeneration using *Caenorhabditiselegans* as a Model"	DST INSPIRE
5.	Ms. Shivangi Singh	Prof. D. R. Modi		Anti-inflammatory Cytokine gene polymorphism associated with Type 2 diabetes.	UGC Non-NET
6.	Ms. Garima Singh	Dr. Yusuf Akhter		Studies on MFS proteins from Mycobacterium species.	UGC Non-NET
7.	Ms. AshaKumari	Dr. Monica Sharma		Weeds as potential source of HydroxynitrileLyase: Isolation, Characterization and Purification	UGC-SRF

8.	Ms. Priyanka	Prof. Sangeeta Saxena		"Studies on Diversity of Begomoviruses Causing Leaf Curl Disease in Papaya and Its Effective Management using RNAi"	CSIR-SRF
9.	Ms. ArtiPriadarshini	Dr. G. Sunil Babu		Studies on the regulatory role(s) of HCMV miRNA's on proapoptotic genes.	UGC Non-NET
10.	Ms. Pooja	Prof. D. R. Modi		Genetic variation of wntsignalling pathway and its association in the progression of type 2 diabetes mellitus.	UGC Non-NET
11.	Ms. LoveleenKaur	Prof. D. R. Modi		Bioremediation of 4-chloro-2-methylphenoxy- acetic acid and 2,4-dichlorophenoxyacetic acid by bacteria of contaminated soil.	UGC Non-NET
12.	Mr. Gauri Shankar	Dr. Yusuf Akhter		Structural and functional studies on outer membrane proteins involved in siderophore mediated iron acquisition from mycobacteria	UGC Non-NET
13.	Ms. PragyaAnand	Dr. Yusuf Akhter		Studies on electron transport chain complexes of mycobacteria	UGC Non-NET
14.	Mr. Viral Kumar Tiwari	Dr. Monica Sharma		Studies on Polyethylene terphthalate (PET) degrading bacteria and their microbial enzymes.	DST INSPIRE
15.	Ms. DeeptiDhusia	Prof. D. R. Modi		Targeting Drug Efflux Pumps in Mycobacteria to Overcome Antibiotic Resistance-research Topic of Deepti Dhusia.	UGC Non-NET
16.	Mr. Ankit Kumar	Prof. SangeetaSaxena		Deciphering the Evolutionary and Pathogenic Landscape of Geminivirus	UGC Non-NET
17.	Ms. JiyaJayant	Dr. G. Sunil Babu		Studies on the regulatory potential of SARS-COV-2 miRNAs on human immune response	UGC Non-NET
18.	Mr. Chandra NathHansda	Prof. D. R. Modi		Pre-Ph. D course work going on	UGC Non-NET

V. **Ongoing Post Doctoral fellows:**

S. No.	**Post Doctoral fellows**	**Guide**	**Title**	**Fellowship availed/availing**
1.	Dr. Aradhana Lucky Hans	Prof. Sangeeta Saxena	Topically applied dsRNA based antiviral therapy for improved immunity of papaya crop against viral infections**.**	DST-WomenScientist (WOS-A)(11.05.2023 to 10.05.2026**)**
2.	Dr. ShilpiYadav	Prof. Sangeeta	Molecularcharacterization of exogenousmiRNAs from	ResearchAssociate-I (ICMR)(09.12.2022

		Saxena	*Withaniasomnifera*anditsrole in regulation of Alzheimer's disease (AD) using *C. elegans* as a model.	to 08.12.2025)
3.	Dr. Madhavi Sonane	Prof. Sangeeta Saxena	Investigation of protective effects of microgreens on rotenone induced neurodegenerative diseases using *C. elegans* as a model organism.	DSK Post DoctorateFellow (UGC).(23.09.2021 to 22.09.2024)
4.	Dr. MadhuYadav	Dr. Yusuf Akhtar	DHR Fellowship Project name - Genomic-wide identification and modeling of functional human Fracktalkine receptor CX3CRI binding sites and establish it as a novel drug target for Type 2 diabetes.	WomanScientist
5.	Dr. Mohammad Kashif	Dr. Yusuf Akhtar	Project Name: ore Forming Mechanism of Novel Cytocidal PFT Candidate to Combat Cancer and HIV	Young Scientist in the HRD scheme

29. Google profile of the faculty members, if available –

- **Prof. D.R. Modi :-**

	All	Since 2019
Citations	1607	734
h-index	20	14
i10-index	32	19

- **Prof. SangeetaSaxena :-**

	All	Since 2019
Citations	1212	489
h-index	21	14
i10-index	34	20

- **Dr. G. Sunil Babu:-**

	All	Since 2019
Citations	455	289
h-index	13	10
i10-index	14	10

- **Dr. Monica Sharma :-**

	All	Since 2019
Citations	1003	587
h-index	13	10
i10-index	15	10

- **Dr. Yusuf Akhtar:-**

	All	Since 2019
Citations	2985	2134
h-index	31	25
i10-index	73	62

-
- **Dr. Ratika Srivastava :-**

	All	Since 2019
Citations	1357	784
h-index	15	14
i10-index	20	15

Department of Zoology

The Department runs two Post Graduate programs (M.Sc. Zoology & M.Sc. Life Sciences) and an Under Graduate degree Programme (B.Sc. Life Sciences). M.Sc. Zoology consists three specializations viz., Sericulture, Fisheries, and Parasitology. The main aim of the department is to impart training to students by which they can become self-employable and attain the heights of success in the future. In India, Sericulture and Fisheries have been developed as agro-based industries with a vast potential for the rural economy. These areas generate employment opportunities as given below:

a) Direct employment through mulberry cultivation, nursery management, silkworm rearing and cocoon production;

b) Indirect employment through Silk rearing, twisting, warping, dyeing and weaving; and

c) Generation of employment and revenue through inland fish culture.

In addition, the curriculum of M.Sc. Zoology includes general papers such as Apiculture, Pearl Culture, Prawn Culture and Vermiculture. The Department has well equipped research laboratory as well as silkworm rearing and reeling unit and offers Ph.D. programme in the field of Sericulture, Fisheries, Parasitology, Animal Behaviour and Wildlife &Conservation Biology.

2. CoursesOffered:

- **i.** Ph. D. Zoology
- **ii.** M. Sc. Zoology
- **iii.** M. Sc. Life Sciences
- **iv.** B.Sc. Life Sciences

3. Facilitiesavailableinthedepartment:

- **i.** Laboratories for M.Sc., and B.Sc. Students.
- **ii.** Research Laboratories.
- **iii.** Central Instrumentation Laboratory.
- **iv.** Smart Classrooms.
- **v.** Departmental Library.
- **vi.** Rearing House and Silk reeling units.

Details of Faculty:

I. Prof. Kamal Jaiswal
Professor
M.Sc., Ph. D., F.Z.S.I., F.S.L.Sc.
Animal Science, Zoology, Parasitology, Sericulture, Silkworm Pathology, Silkworm Rearing, Silk Reeling

II. Prof. V. Elangovan
Professor& Head
Specialization : Animal Behaviour

III. Prof. Venkatesh Kumar R.
Professor
Qualification : M.Sc. Ph.D.
Specialization : Sericulture, Entomology& Natural Product Research

IV. Name : **Prof. Suman Mishra**
Designation : Professor
Qualification : Ph. D. (Zoology)
Specialization : Parasitology

V. Name : **Prof. Abha Mishra**
Designation : Professor
Qualification : Ph.D.
Specialization : Fish and Fisheries

VI. Name : **Dr. Sandhya**
Designation : AssistantProfessor
Qualification : Ph.D. (Zoology)
Specialization : Fish Biology

VII.	**Name**	**:**	**Dr. Neeshma Jaiswal**
	Designation	**:**	Assistant Professor
	Qualification	**:**	M.Sc., D.Phil., F.Z.S.I., F.H.S.I., FMSET-FICCB
	Specialization	**:**	Molecular Parasitology, Environmental Biology

4. Members/fellowshipofprofessional/academicbodies/editorialboard:

i. Prof. Kamal Jaiswal

- External Expert, Board of Studies, Deendayal Upadhyay Gorakhpur University, Gorakhpurfrom 2023 to continue.
- **Member,** Board of Studies, Himalayan University, Itanagar, AP from 23.06.2023 to continue.
- Member, School Board, Ch. Charan Singh University, Meerut from 15.06.2023 to continue.
- Member, Board of Studies, Zoology, Pt. S. N. Shukla University, Shahdol (M.P.) from 24.06.2022 to continue.
- Member, Board of Studies, Dr. HarisinghGour Vishwavidyalaya, Sagar (M.P.) from 23.08.2022 to continue.
- **Technical Expert,** School Board of Life Science, Central University of Kashmir (Kashmir) from 07.10.2022 to continue.
- **Editor,** Proceedings of Zoological Society of India, Bodh Gaya,Bihar

ii. Prof. Suman Mishra

- Special Content Editor, Proceedings of Zoological Society of India, Bodh Gaya, Bihar

iii. Dr. Sandhya

a) The Indian Science Congress Association - Life Member

5. DetailsofBookwritten/editedbyfacultymembers:

i. Prof. Kamal Jaiswal

a) Environmental Studies and Climate Change. Eds. R.C. Sobti, S.K.Malhotra, Kamal Jaiswal and Sanjeev Puri

6. Paper published during the year by the faculty members(during 01.04.2023-31.03.2024)

i. Prof. Kamal Jaiswal

a. 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 (11.01.2024),ISSN – 2454 – 3055. International, (UGC CARE Listed)WebofScience

b. Jaiswal Kamal, Meena Vikram Singh and Mishra Suman(2024). Measurement of Infection Intensity of Microsporidian Parasite in Labeorohita in Lucknow (Uttar Pradesh, India); International Journal of Zoological Investigations Vol. 10, No. 1, pp. 45-54 (11th January, 2024)https://doi.org/10.33745/ijzi.2024.v10i01.006ISSN – 2454 - 3055. International, (UGC CARE Listed) Webof Science.

c. Jaiswal Kamal, Mishra Suman and Meena Vikram Singh(2023). Characterization of Microsporidian Infection in Labeorohita by Using Scanning Microscopy;International Journal of Zoological Investigations Vol. 9, No. 2, 1174-1178 28th November, 2023 https://doi.org/10.33745/ijzi.2023.v09i02.130ISSN – 2454 - 3055. International, (UGC CARE Listed)WebofScience.

d. Kamal Jaiswal, Suman Mishra and Swati (2023). Molecular characterization of a microsporidian parasite, OvipleistophoraovariaeSW02 infecting the snakehead fish, Channa punctatus from the river Gomti, Lucknow, India. Biochem. Cell. Arch. 23, pp. 1037-1044. ISSN 0972-5075 eISSN 0976-1772. International, (UGC CARE Listed)WebofScienceNAAS score-5.31

e. **Jaiswal Kamal,**Mishra Suman and Swati **(2023)** Morphological identification of microsporidian parasite in Channa punctatus from River Gomti, Lucknow, Uttar Pradesh, India. Intern. J. Zool. Invest. 9(2): 613-627. ISSN 2454-3055. **International,(UGC CARE Listed)WebofScienc**

f. Anurag Kumar Sonker, Kamal Jaiswal and Suman Mishra(2023). A Study on Varroa Mite Affecting Honey Bee Apismellifera and Their Colony by Using Light and Scanning ElectronMicroscopy. Journal of Experimental Zoology India, Vol. 26, No. 2, pp. 2547-2553, ISSN

0972-0030, eISSN0976-1780 (DOI:https://doi.org/10.51470/jez.2023.26.2.254 7). International, (UGC CARE Listed)WebofScience

g. Anurag Kumar Sonker, Kamal Jaiswal and Suman Mishra(2023).A Study on Molecular Characterization of *Varroa* Mite forSpecies Identification by Using the PCR Method.; Journal of Experimental Zoology India, Vol. 26, No. 2, pp. 1477-1483,ISSN0972-0030, eISSN 0976-1780 (DOI:https://doi.org/10.51470/jez.2023.26.2.147 7). International, (UGC CARE Listed)WebofScience

h. Sonker A K., Jaiswal K.,& Mishra, S. (2023).Light and Scanning Electron Microscopy Studies on the Parasitic Mite Affecting Honey Bee *Apis mellifera*.); Bio Science Research Bulletin-Biological Sciences, 39(1) Number 1(January-June 2023: pp.28-38 ISSN: 0970-0889 (Print) ISSN: 2320-3161 (Online). International, Peer –reviewed & Refereed Journal.

i. Morphological Identification of endoparasites in Catlacatla by Pratima Chaudhary, Kamal Jaiswal, Swati Singh; International Journal of Fisheries and Aqautic Research, Vol 8, Issue 1, 2023 Pg. no. 13-18 ISSN: 2456-7248 (25.04.2023)

ii. Prof. V. Elangovan

1. Elangovan V (2023) Impact of reproduction on roost selection of the Indian flying fox, Pteropus medius (Temminck, 1825). Journal of Bat Research & Conservation 16 (1): 39 – 45.

iii. Prof. Suman Mishra

a. 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. **International,(UGC CARE Listed)WebofScience**

b. Jaiswal Kamal, Meena Vikram Singh and **Mishra Suman (2024).** Measurement of Infection Intensity of Microsporidian Parasite in Labeorohita in Lucknow (Uttar Pradesh, India). International Journal of Zoological Investigations Vol. 10, No. 1, ISSN – 2454 – 3055. **International,(UGC CARE Listed)WebofScience**

c. Jaiswal Kamal, **Mishra Suman** and Meena Vikram Singh**(2023).** Characterization of Microsporidian Infection in Labeorohita by Using Scanning Microscopy by International Journal of Zoological Investigations Vol. 9, No. 2, 1174-1178. ISSN – 2454 – 3055. **International,(UGC CARE Listed)WebofScience**

d. Kamal Jaiswal, **Suman Mishra** and Swati **(2023)** Molecular characterization of a microsporidian parasite, OvipleistophoraovariaeSW02 infecting the snakehead fish, Channa punctatus from the river Gomti, Lucknow, India. Biochem. Cell. Arch. **23**, pp. 1037-1044. ISSN 0972-5075 eISSN 0976-1772. **International, (UGC CARE Listed)WebofScience**NAAS score-5.31

e. Jaiswal Kamal, **Mishra Suman** and Swati **(2023)** Morphological identification of microsporidian parasite in Channa punctatus from River Gomti, Lucknow, Uttar Pradesh, India. Intern. J. Zool. Invest. 9(2): 613-627. ISSN 2454-3055. **International,(UGC CARE Listed)WebofScience**

f. Anurag Kumar Sonker, Kamal Jaiswal and **Suman Mishra (2023)**. A Study on Varroa Mite Affecting Honey Bee Apis Mellifera and their Colony By Using Light And Scanning Electron Microscopy .J. Exp. Zool. IndiaVol. 26, No. 2, pp. 2547-2553, **International,(UGC CARE Listed)WebofScience**NAAS score-5.51

g. Anurag Kumar Sonker, Kamal Jaiswal and **Suman Mishra (2023)**. A study on molecular characterization of Varroamite for species identification by using the PCR method. J.Exp. Zool. India Vol. 26, No. 2, pp. 1477-1483. pISSN: 0972-0030, e-ISSN:0976-1780. **International,(UGC CARE Listed)WebofScience**NAAS score-5.51

h. Anurag Kumar Sonker, Kamal Jaiswal and **Suman Mishra (2023)**. Light and Scanning Electron Microscopy Studies on the Parasitic Mite Affecting Honey Bee Apis mellifera. Bio-Science Research Bulletin, pp 28-38. eISSN: 2320-3161, pISSN: 0970-0889 **Impact Factor:** 4.072 (Cosmos). **International, Peer- reviewed & Refereed Journal.**

7. Attended/Participated in conference/seminar/workshop inside country

i. Prof. Kamal Jaiswal

a) Convenor, 34th All India Congress of Zoology (34thAICZ), 3-Day National Conference on the theme "Changing Course in Global Environment: Challenges and Solutions"; Department of Environmental Science University of Kashmir in collaboration with Zoological Society of India (ZSI) (5th to 7th June 2023).

b) Co-Convenor,International Conference on Technological Advancements for Sustainable Development towards Biodiversity Conservation organized by School of Biological and Environmental Sciences, Shoolini University during 22-24 February, 2024.

ii. Prof. Suman Mishra

a. **Co-Convenor of Conference and Co-Chair,**TechnicalSessionduring 34th All India Congress of Zoology (34th AICZ) & 3-Day National Conference on "Changing Course in Global Environment: Challenges and Solutions, organized by Department of Environmental Science, University of Kashmir, Srinagar from 5-7 **June, 2023**

b. Participated and successfully completed Training Programme on "Basic Bioinformatics Tools for Genome Analysis" organized by ICAR-NBAGR, Karnal during October 16-20, 2023.

8. Detailsofinvitedlectureinsidethecountry:

i. Prof. Kamal Jaiswal

a) Key note Speaker "Role of Animal Sciences in Empowering Women through Skill Development & Vocational Education"; 5th International Conference on Environment and Society (ICES 2023) during 29 & 30 December, 2023; Dr. R.M.L. Avadh University, Ayodhya (U.P.), India; (International)

ii. Prof. Suman Mishra

a. Invited Lecture on "A review on entomopathogenic nematodes as insecticidal agents and studies on their prevalence in Lucknow region" during 34th All India Congress of Zoology (34th AICZ) & 3-Day National Conference on "Changing Course in Global Environment: Challenges and Solutions, organized by Department of Environmental Science, University of Kashmir, Srinagar from 5-7 **June, 2023**

DetailsofNationalAward/fellowship:

i. Prof. Kamal Jaiswal

a. Founding Fellow of the Punjab Forum for Science & Technology Communicationby Punjab Forum for Science & Technology Communication during November 22, 2023 at DAVUniversity, Jalandhar.

ii. Prof. Suman Mishra

a. Fellowship Award by Glocal Environment & Social Association for her commendable contribution in the field of Science, Society and Nature during 5th International Conference on Environment and Society (ICES 2023) held at Dr. RML Avadh University, Ayodhya on December 29 & 30, 2023.

9. Studentsachievements:

i. AccomplishmentsofStudents

Number of students completed their Masters/graduation/Diploma	**M.Sc. Zoology**	**63**
	M.Sc. Life Sciences	**39**
	B.Sc. Life Sciences	**-**
	Ph.D. Zoology	**02**
	Projects	**-**

ii. Ph.D.Awardedduringtheyear:

Sl. No.	**Students**	**Guide**	**Co-guide**	**Title**	**Fellowshipavailed/availing**
1.	Saumya Sharma	Prof. Kamal Jaiswal	NA	Detection of Entemopathogen Microsporidia in Declining Poplulation of Pollinators: Honey Bees & Bumble Bees.	DST
1.	Swati	Prof. Kamal Jaiswal	NA	Prevalence, morphological and molecular characterization of Microsporidia in Channa punctatus in Lucknow	UGC Non-Net fellowship
2.	Shakti Vardhan Singh	Prof. V. Elangovan	NA	Behavioural ecology of the mouse-tailed bat, Rhinopomahardwickii	UGC Non-Net fellowship
3.	Vandana Singh	Prof. Venkatesh Kumar R.	Dinesh Kumar	Development, characterization, drug loading and drug release properties of silk fibroin hydrogels for biomedical applications	UGC- NON-NET Fellowship
4.	Anurag Kumar Sonker	Dr. Suman Mishra	NA	Studies on the parasitic mite affecting honey bee (Apismellifera L.)	UGC Non-Netfellowship
5.	Pooja Pandey	Dr. Abha Mishra	NA	Curcumin effects on biological property of freshwater catfish, Heteropneustesfossilis(Bloch,1794)	UGC Non-Net fellowship
6.	Chetan Singh	Dr. Sandhya	NA	Analyses of contamination of the Ganga River water and its impact on their fish in UP region	UGC Non-Net fellowship
7.	Dhananjay Yadav	Dr. Neeshma Jaiswal	NA	Microfaunal Diversity and Population Dynamics of Hyperparasite Inhabiting Fishes of Gomti River at Lucknow	UGC Non-Net fellowship

iii. Ph.D. student'sPursuing

8.	Awanish Kumar Singh	Prof. Kamal Jaiswal	Dr. Manishi Mukesh, Karnal	Understanding the Mechanism of Tick Resistance in Indian Native Cattle.	UGC Non-Net fellowship
9.	Komal Singh	Prof. Kamal Jaiswal	Dr. Suman Mishra	"Studies on the Prevalence and Morpology of Parasites of Gallus gallusdomesticus and	NA

				their Impact on Meat Quality"	
10.	Vikram Singh Meena	Prof. Kamal Jaiswal	NA	"Studies on Morphology and Molecular Characterization of Microsporidia in Economically important selected edible fishes"	CSIR-NET JRF
11.	Ms. Swati Yadav	Prof. Kamal Jaiswal	NA	Studies On HaemopartasitesOf Freshwater Fishes In And Around Lucknow, Uttar Pradesh	UGC Non-Net fellowship
12.	Ms. Vandana	Prof. Kamal Jaiswal	NA	Prevalence, Morphological and Molecular Characterization of Gastrointestinal Cestode in Gallus gallusdomesticus in Lucknow Region	UGC Non-Net fellowship
13.	Ms. Sneha Gautam	Prof. Kamal Jaiswal	NA	Impact Of Parasitic Infestation On Nutritional Value Of Channa Punctatus From River Gomti, Lucknow, U.P.	UGC Non-Net fellowship
14.	Naheda	Prof. V. Elangovan	NA	Roosting and reproductive ecology of the Indian flying fox, Pteropusmedius (Temminck, 1825)	UGC Non-Net fellowship
15.	Mr. Shiv Shanker	Prof. V. Elangovan	NA	Impact Of Demography And Distributional Overlap Of Insectivorous Bats On Fungal Diversity	UGC Non-Netfellowship
16.	Ms. Amita Singh	Prof. V. Elangovan	NA	A studty on food habits, heavy metal accumulation, survival and fitness of insectivorous bats	UGC Non-Net fellowship
17.	Mr. Manjulendra Kumar	Prof. V. Elangovan	NA	A metagenomics investigation on food habits and ecological services of Indian fluing fox, pteropusmedius (Temminck, 1825)	UGC Non-Net fellowship
18.	Mr. Vijay Kumar	Prof. V. Elangovan	NA	Ecological consequences of artificial lights on behavioural ecology of Scotophilus bats	UGC Non-Net fellowship
19.	Devika Shrivastava	Prof. Venkatesh Kumar R.	NA	Studies on Isolation, Purification and Characterization of Alpha-linolenic Acid of Tasar Pupae Oil	UGC-NON-NET Fellowship
20.	Kusumala Suman	Prof. Venkatesh Kumar R.	NA	Advances in research on the utilization of pupal oil of mulberry silkworm Bombyx mori and tasar silkworm Antheraea proylei for pharmaceutical applications	UGC-NON-NET Fellowship
21.	Akash Mishra	Prof. Venkatesh Kumar R.	NA	Characterization and Analysis of the Therapeutic Properties of Eri Silkworm (Philosamiaricini) Pupal Oil	UGC-NON-NET Fellowship

22.	Abhishek Verma	Prof. Venkatesh Kumar R.	NA	Research on characterization and biological properties of tasar silkworm (Antheraea mylitta) pupal oil	UGC-NON-NET Fellowship
23.	ShabbirHussain	Dr. Suman Mishra	Prof. Fayaz Ahmad, Department of Zoology, University of Kashmir, J&K	Studies on the Gastrointestinal Helminth Fauna in Small Ruminants of Kargil (Ladakh) and their control by select ethnoveterinary plants	CSIR-NET JRF
24.	Ms. Jahanvi Chauhan	Dr. Suman Mishra	NA	Studies On Lymphatic Filariasis And The Biocontrolling Factors In Selected Districts Of Uttar Pardesh	CSIR-NET JRF
25.	Mr. Suraj Kumar	Dr. Suman Mishra	NA	Study On The Parasites Of Cold Water Fishes	CSIR-NET JRF
26.	Bulbul Ali	Dr. Abha Mishra	NA	Influence of pyrimidine and it's derivatives on brain physiology of freshwater catfish Heteropneustesfossilis (Bloch 1794)	CSIR (JRF)
27.	Ms. Neelam Sharma	Dr. Abha Mishra	NA	Brain and Blood Barrier Characterization in Freshwater Catfish Heteropneustesfossilis (Bloch,1794)	UGC Non-Net fellowship
28.	Mr. Rohit Kumar Gautam	Dr. Abha Mishra	NA	Microplastic induced alteration in reproductive physiology of Heteropneustesfossilis (Bloch,1794)	UGC Non-Net fellowship
29.	Mr. Omar Nawaz	Dr. Abha Mishra	NA	Characterization and identification of GnRH and its receptor Heteropneustesfossilis (Bloch,1794)	UGC NET JRF
30.	Poonam	Dr. Sandhya	NA	Toxicity analysis of polycyclic aromatic hydrocarbon (PAH) on the integumentary system of carp fish	UGC-National Fellowship for scheduled caste (UGC-NFSC) JRF
31.	Neha Gondial	Dr. Sandhya	NA	Analysis of contamination of the Gomti River water in Lucknow using fish as a bioindicator	UGC-JRF
32.	Mr. Shameen Ahmad khan	Dr. Sandhya	NA	Toxicity analysis of glyphosate based herbicide on fish	UGC-JRF
33.	Km Reshu	Dr. Neeshma Jaiswal	NA	Epidemiological studies on helminth parasites in cat fishes of Gomati river	UGC Non-Net fellowship
34.	Pradeep	Dr. Neeshma	NA	Diversity and Population	UGC

	Kumar	Jaiswal		Dynamics of Helminth Parasites in fish of Wetland Ecosystem	Non-Net fellowship
v.	**M.Phildegreeawarded**				
1	N/A	N/A	N/A	N/A	N/A
vi.	**M.PhildissertationSubmitted**				
1.	N/A	N/A	N/A	N/A	N/A
vii.	**M.Phil. pursuing**				
1.	N/A	N/A	N/A	N/A	N/A

10. Google profile of thefacultymembers:

Prof. Kamal Jaiswal

	All	Since 2018
Citations	194	157
h-index	8	6
i10-index	6	6

Prof. V. Elangovan

	All	Since 2018
Citations	734	293
h-index	16	10
i10-index	22	10

Prof. Venkaesh Kumar R.

	All	Since 2018
Citations	1036	731
h-index	17	14
i10-index	26	20

Prof. Suman Mishra

	All	Since 2018
Citations	283	167
h-index	10	6
i10-index	10	6

Prof. Abha Mishra

	All	Since 2018
Citations	500	294
h-index	12	10
i10-index	15	10

Dr. Sandhya

	All	Since 2018
Citations	180	98
h-index	5	4
i10-index	5	3

Dr. Neeshma Jaiswal

	All	Since 2018
Citations	138	98
h-index	8	6
i10-index	5	3

School of Management & Commerce

School for Management Studies was established in the Year'2010 with One Department, 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 the Year, 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 the Year, 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

The Department of Rural Management under School for Management Studies (SMS) was established in the year 2010. The main objective of the School is to produce socially, culturally and economically sensitive leaders in the field of Management and particularly in the world of Rural Management. India still being the largest agriculture based economy needs high skilled manpower to cater to the needs of farmers, agro based industries, NGOs, and other rural financial sectors. Contemporary Doctoral, Postgraduate and Undergraduate courses pertaining to Business administration are run in this department. The various courses offered in the department are Ph.D., MBA (Rural Management), MBA (HR/Finance/Marketing) under various disciplines and BBA. The thrust of the program is focused on quality teaching and research in management sphere. The objective of the department has always been to create a niche in management education. Identifying this importance the Department of Rural Management was upgraded to Department of Management Studies in the year 2022. The School is bestowed with rich legacy of successful 13 years.

The teaching pedagogy is at par with best practices comprising of Case studies, Presentations, Industry Interaction, Projects etc. enabled with Audio-visual and field-based studies. The department has well experienced faculty with expertise in different aspects of business studies. The department regularly conducts curricular and extracurricular activities. Management Quiz, Extempore, Management Skits, Management Games, Cultural and Sports events are conducted for multifaceted development of young managers being groomed in department.

- **Course Offered:**
  - I. Ph.D.,
  - II. MBA(Rural Management, Financial Management, Human Resource Management, Marketing Management Innovation Entrepreneurship & Venture Development& Defense Management)
  - III. BBA

- **Facilities available in the department:**
  - i. WI –Fi campus.
  - ii. Well-equipped computer lab.
  - iii. Rich department library along with central library
  - iv. Placement and Training assistance.
  - v. Smart Classroom

4. Details of Faculty:

I. Prof. Kushendra Mishra
Professor,
Specialization: Economics, Legal and Regulatory Framework, Finance
Qualification: MBA, Ph.D. (Business Administration)

II. Prof. Amit Kumar Singh
Professor,
Dean, School of Management & Commerce
Head, Department of Commerce
Coordinator, University Placement Cell

Specialization: Human Resource Management Personal Management and Industrial Relations Carbon Management Research Methodology Organizational Behavior Small, Scale Business
Qualification: Ph.D.

iii. **Dr. Taruna**
Associate Professor
Specialization: H.R.M. OB, Stress Management
Qualification: M.B.A, Ph.D. (Business Administration)

iv. **Dr. Krishna Murari**
Associate Professor
Specialization: Banking & Investment• Financial Econometrics • Behavioral Finance •Non-Banking sector & Business Analytics•Portfolio management
Qualification : Ph.D

v. **Dr. Ramesh Kumar Chaturvedi**
Assistant Professor
Specialization: Consumer Research, Microfinance
Qualification: M.B.A, PhD, MDSE, MA (Public Administration)

vi. **Dr. Lata Bajpai Singh**
Assistant Professor
Specialization: H.R.M. OB, Research Publication & Ethics, HR Analytics, Entrepreneurship
Qualification: M.B.A, M.A, U.G.C - NET (JRF), Ph.D.

vi. **Dr. Arpit Shailesh**
Specialization: Micro Finance, Financial Reporting and Analysis, Cost and Management Accounting, Financial Services, Entrepreneurship & IPRs
Qualification: Ph.D

vii. **Dr. Salil Seth**
Specialization: Marketing, Human Resource Management, Business Communication
Qualification: Ph.D (Management)

5. Details of Seminar / Conference organized by the department:

(i) Special Lecture on Indenture ship and Entrepreneurship on 3rd November 2023, Convener –Dr. Taruna

(ii) Five Days Management Development Program (MDP), 4-9 March, 2024 on Tourism and Travel Management sponsored by Ministry of MSME, GoI, Coordinator, Dr. Taruna

(iii) Five Days Management Development Program (MDP) was organized Taxation Management in collaboration with Dalit Indian Chambers of Commerce and Industry from 7th – 11th November 2023 by Dr. Lata Bajpai Singh

6. Other Department level Academic Activities:

Alumni Meet-01 organized by Dr. Taruna

(i) MoU was executed between BBAU Lucknow and Bundelkhand University Jhansi, Coordinator, Dr. Taruna

7. Members/fellowship of professional/Academic bodies/editorial board

i. Dr. Taruna
a)Indian Commerce Association (ICA) Life member
ii. Dr. Krishna Murari-
a) Member of Indian Academy of Management (INDAM); Member of North-East Management Association (NEMA); Member of North East India Commerce and Management Association (NEICMA)

12. Details of Book written/edited by faculty members:

Dr. Taruna

a. "Tourism and Pilgrimage in India (2023) Edited by Dr.Taruna,published by Bharti Publications, New Delhi, ISBN: 978-81-19079-62-9

Dr. Taruna, Dr. Arpit Shailesh

a) "Building Aatmanirabhar Bharat (2022) Edited by Dr. Taruna, Dr. Arpit Shailesh,published by Weser Books, Germany ISBN: 978-396-492-48-65".
b) "Make in India: A Path for Achieving Inclusive Growth (2023) Edited by Dr. Taruna,published by Bharti Publications, New Delhi, ISBN: 978-81-19079-05-06.

14. Details of Book Chapter in edited volume/conference volume:

Dr. Taruna

S. No.	Title of Chapter	Title of the Book	ISBN No.	Publisher	Whether International / National	Year of Publication	Page Nos.
1	HR Analytics in an Era of Rapid Automation	Identifying Antecedents and outcomes of Happiness at work-A Review	978-16-68489-420	IGI Global	International	2023	
2	Religious Tourism and Pilgrimage in India	Achieving Success in the Tourism Industry: A Roadmap to Strategic Excellence through Talent Management	978-81-19079-62-9	BhartiPublication, New Delhi	National	2 023	
3	Contemporary Issues in Human Resource Management	Investigation of causes and coping mechanisms of stress at the work place	978-81-19350-89-6	Kalamkar Publisher Pvt. Ltd, New Delhi	National	2023	

15. Paper published during the by the faculty members (during 01.04.2023 to 31.03.2024)

i. Dr. Taruna

(i) Singh, S.**Taruna, Dr.,**Bharti, J.S; (2023) Effect of perception of organizational support on organizational citizenship Behaviour: the mediating role of employee happiness, Employee Responsibilities and Rights Journal, 35,58-65 **(Web of Science)**

(ii) Bharti, J.S; **Taruna, Dr.,**Singh, S.,(2023) Measuring Local Residents' Satisfaction Towards tourism in Lucknow, Uttar Pradesh,Journal of Tourism, 24, 39-48**(UGC Care List -I)**

(iii) Mishra, P.,**Taruna, Dr.,**(2023) Impact of growing women responsibilities on bridging gender discrimination and on performance of MSME sector in India with reference to Uttar Pradesh, Education and Society,46, 360-370. **(UGC Care List-I)**

(iv) Bharti, J.S; **Taruna, Dr.,**(2023) Violence against women: a never-ending tale of women's tyranny in India , Satraachee, 40,317 **(UGC Care List-I)**

(v) Singh, S.**Taruna, Dr.,**(2023) Unfolding Role of Artificial Intelligence for Enhancing Human Resource Management Functions,Sanshodhak, 91,**(UGC Care List-I)**

ii. Dr. Krishna Murari

a) Murari, K; Shukla, S; Dulal, L. 2024. Social Media Use and Social Wellbeing: Systematic review and Future research Agenda, *Online Information Review*, Vol.48(5), pp.959-982 (ABDC-A, Scopus, WoS)

b) Shukla, S; Murari, K 2023. A Systematic Literature Review on Social Media and Civic Engagement Research, *International Journal of Research in Management*, Vol.5(1), pp. 108-118.

c) Rai, Adarsh; Murari, Krishna 2023. Gambling Motives and Problem Gambling Severity: Evidence from Gamblers In Sikkim, *AIMS Journal of Management*, Vol.9(1), pp. 61-73. (UGC CARE-Group I)

d) **Singh, L. B. (2**024). Moderating role of intrinsic motivation in managing the consequences of workplace ostracism. Tourism Review. (**Impact Factor: 7.689**; **ABDC- B Category** Publication; **SCOPUS - Listed**).

e) **Singh, L. B.,** Srivastava, S., &Bhumika. (2023). I am done now! Linking workplace incivility to job search behaviour and employee silence. International Journal of Conflict Management. (**ABDC- A Category; SCOPUS - Listed**)

f) Srivastava, S., &**Singh, L. B. (**2023). Role of inclusive leadership in employees' OCB in hospitality industry: a social cognitive perspective. Journal of Management Development. (**ABDC- C Category Publication; SCOPUS - Listed**).

g) Kaur, J., Gupta, S., &**Singh, L. B**. (2023). Role of justification of unethical behaviour in sustainable fashion consumption among Indian consumers: a parallel mediation approach. Journal of Consumer Marketing. (**ABDC- A Category Publication; SCOPUS - Listed)**.

h) Mehdi, S. A., &**Singh, L. B.** (2023). Fear of failure and entrepreneurship: a systematic literature review. International Journal of Entrepreneurial Venturing, 15(6), 575-594. **(Impact Factor: 1.5; SCOPUS - Listed**).

16. Attended/Participated/ Paper presented in conference/seminar/workshop inside country: (during 01.04.2023 to 31.03.2024)

i. Dr. Taruna: 04
ii. Dr. Krishna Murari-4

17. Details of invited lecture inside the country

i. Dr. Taruna: 04
ii. Dr. Krishna Murari-3

18. Details of National Award/ fellowship:

i. Dr.Taruna-Research and Academic Excellence Award-2024 by BBAU Lucknow
ii. Dr. Lata Bajpai Singh was awarded with Research & Academic Excellence 2023 by Babasaheb Bhimrao Ambedkar University, Lucknow on the occasion of Republic Day 2024.

19. Details of International Award/fellowship:

Dr. Lata Bajpai Singh, Assistant Professor has been awarded with a short-term Empirical Research Project (Individual) of six months, entitled "An Assessment of Reach and Socio-economic Impact of Stand- up India Scheme on Rural Women Entrepreneurs in Uttar Pradesh" by Indian Council of Social Science Research (ICSSR) in August 2023, (Grant Sanctioned: Rs. 4,50,000/-).

20. Details of Research Projects (major/minor): None

Dr. Krishna Murari- 1 ongoing ICSSR sponsored Major research project

21. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**BBA**	**128**
	MBA	**140**
Number of Student selected in Civil Services (UPSC/UPPSC)	**06**	
Details of students selected for teaching in higher education	**05**	
Number of student pursuing higher studies	**102**	
Number of student selected on other government jobs/banking/school teaching etc	**09**	
Number of student awarded SLET/NET/JRF/any other fellowship	**NET 10**	

ii. Ph. D Awarded during the year.

Sl. No.	**Students**	**Guide**	**Co-guide**	**Title**	**Fellowship availed/ availing**
1.	Saumya Chandel	Prof. Kushendra Mishra	Dr. Lata Bajpai Singh	An Empirical Study on the Effectiveness ofFinTech Innovations in Financial Inclusionwith Special Reference to Banking Sector in Uttar Pradesh	SRF
2.	Manu Pal	Dr. Lata Bajpai Singh	-	A Study on the Role of Opportunities, Efforts and Resourcefulness on the Entrepreneurial Success of Rural Entrepreneurs	NON-NET
3.	Syed Asif Mehdi	Dr. Lata Bajpai Singh	-	A Quantitative Study Measuring TheeffectOf Entrepreneurial Fear Offailure On The Psychological Well-Being Of Entrepreneurs	SRF
4.	Pradeep Kumar Rai	Prof. Kushendra Mishra	Dr. Arpit Shailesh	An Empirical Analysis OfMgnrega Scheme And Its Impact On Socio-Economic Status Of Working Labours In Uttar Pradesh	NFST
5.	AbhivyktiKumari	Dr. Ramesh K. Chaturvedi	-	Quality of Work Life among Employees of Microfinance Institutions in Eastern Region of UP: An Impact	RGNFSC
Ph.D. thesis submitted during the year					
1.	Neerja Rai	Prof. Kushendra Mishra	-	An Empirical Investigation on Customer AdoptionIntenstion of loT (Internet of Things) in Commercial Banks of Lucknow	NON-NET
2.	Shalini Singh	Prof. KushendraMishra	-	Institutional Financeoriented Rural Entrepreneurship Development In Uttar Pradesh	NON-NET

3.	Sachita Srivastava	Dr. Lata Bajpai Singh	-	Investigating the Impact of AbusiveSupervision and Workplace Incivility on Counterproductive Work Behavior: With Special Reference to Service Sector Employees	UGC-NET
	Shiwani Singh	Dr. Taruna	-	Measuring The Impact OfEmployeehappiness On Organizational Citizenship BehaviourIn Select Indianorganizations	UGC-NET
	Jyoti Singh Bharti	Dr. Taruna	-	Exploring The Antecedents Ofemployee Silence And Its Impact On Organizational Commitment In Select Indian Organizations	UGC NET JRF(NFSC)
	Shiv Kumar Tripathi	Dr. Ramesh Kumar Chaturvedi	-	-	NON-NET
	Richa Mishra	Prof. Kushendra Mishra	Dr. Ramesh Kumar Chaturvedi	Doption Intention Of E-CommerceplatformsByUnorganisedFmcgsector Vendors In Lucknow Region	NON-NET
	Srishti Chaubey	Prof. Kushendra Mishra	-	The effect of saving behavior andinvestment patterns on the OrientationTowards Finance (ORTOFIN) for workingwomen	UGC-NET
Ph. D student's Pursuing					
1.	Ayush Sabat	Prof. Kushendra Mishra	-	Navigating The Music Industry: Unraveling The Drivers And Challenges Of Musipreneurship	----
2.	Soonmo Kwon	Prof. Kushendra Mishra	-	-	----
3.	Aplak Singh	Prof. Kushendra Mishra			JRF
4.	Amarpreet Kaur	Prof. Amit Kumar Singh	-	Perception of Artificial intelligence and digital autonomy on innovative work behaviour of employees: role of digital competence as a mediator	NON-NET
5.	**Mohammad** Azim Mokhlis	Prof. Amit Kumar Singh	-	Impact Of Spiritualism and Job Satisfaction for Teachers engaged in Higher Educational Institution	ICCR

6.	Salahuddin Khan	Dr. Taruna	-	-	-
7.	Asadullah Zahir	Dr. Taruna	Dr. Ramesh Kumar Chaturvedi	An Analysis of Financial Model and their Effectiveness in the Appraisal of Development Projects under PPP.	ICCR
8.	Kavita Singh	Dr. Taruna	-	-	Non-net
9.	Shilpi Pandey	Dr. Krishna Murari	-	-	Non-net
10.	Shreyashee Tripathi	Dr. Ramesh Kumar Chaturvedi	-	-	NON-NET
11.	Prashant Singh	Dr. Ramesh Chaturvedi			Non-net
12.	Masood	Dr. Lata Bajpai Singh	-	Influence of Spirituality on Entrepreneurial Ethics in the context of Micro and Small Entrepreneurs	ICCR
13.	Neha Gautam	Dr. Lata Bajpai Singh	-	-	Non-net
14.	Charu Vaish	Dr. Lata Bajpai Singh	-	-	Non-net
15.	Ziaulhaq Zia	Dr. Arpit Shailesh	-	A comparative study on green technology practices	ICCR
16.	Vaibhav Dixit	Dr. Arpit Shailesh	-	-	Non-Net
17.	Suneeta Singh	Dr. Arpit Shailesh	-	-	Non-Net
18.	Mohd Irfan Pathan	Dr. Salil Seth	-	-	JRF
19.	Lokesh Tomar	Dr. Salil Seth	-	-	NFSC

22. **Student Publications**

S. No.	**Name of Student/Scholar**	**Books**	**Book Chapters**	**Papers in UGC listed journal**	**Papers in other peer review journal**
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23. Google profile of the faculty members, if available :

1. Prof. Kushendra Mishra

	All	Since 2013
Citations	560	--
h-index	--	--
I 10-index	--	--

2. Dr. Krishna Murari

https://scholar.google.com/citations?user=XDSSmG4AAAAJ&hl=en

	All	Since 2019
Citations	348	256
h-index	11	11
i10-index	12	11

3. Dr. Ramesh Kumar Chaturvedi

	All	Since 2013
Citations	28	60
h-index	4	3
I 10-index	--	--

4. Dr. Lata Bajpai Singh

	All	Since 2019
Citations	685	675
h-index	13	13
i10-index	13	13

Department of Commerce

Department of Commerce has started its functioning independently as fully fledged Department from 6th January'2021. All those students who were admitted under DRM in B.Com (Hons) programme are transferred to the new Department of Commerce henceforth. Currently the Department is running 3 years B.Com (Hons) course with a total intake capacity of 90 students including UR, SC/ST, OBC and EWS Category students. The Department is being run with the help of a team of experienced, well qualified and highly motivated faculty who have made concerted efforts to take it to a greater height in terms of teaching quality through regular lectures, seminars, and field visits by students to gain direct exposure to the practices of commercial world. As a matter of policy, the department lays emphasis on teaching, interdisciplinary research, and concurrent field work. All the modern day teaching facility like Wi-Fi, Computer lab, centralized library, play ground, neat and clean class room equipped with amenities, placement cell, committee rooms etc are available to the students of B.Com (Hons). The Department intends of start very soon, Two year full time M.Com Course and Ph.D in Commerce. The Department is poised to traverse a new height and unknown and unconquered horizons.

1. **Courses offered**
   B.Com (Hons)

2. **Facilities available in the Department like Library, Moot court etc**
   Yes

3. **Detail of faculty**

Sr. No.	Name of The Faculty	Experience	Qualification
1.			MBA, PhD
2.	Resource person1	Good Experience	MBA,PhD
3.	Resource person2	Good Experience	MBA,PhD
4.	Resource person3	Good Experience	MBA,PhD
5.	Resource person4	Good Experience	MBA,PhD
6.	Resource person5	Good Experience	MBA,PhD
7.	Resource person6	Good Experience	MBA,PhD
8.	Resource person7	Good Experience	MBA,PhD
9.	Resource person8	Good Experience	MBA,PhD

School of Media and Commuication

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.D 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 educationand degree but also a plat form 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 place dinreputed organizations across India but also brought many moments of pride for the School and the University. The film sand the research work of the students are well recognized by the Stateand Central Government Bodies. One of the films of a research scholar not only won first prizein the International Science Film Festival of India but alsogot appreciation from the State Government and Industry.

Students are placed in reputed organizations such as Lucknow Metro Rail Corporation, IndianInformation Services, Times of India, Hindustan Times, Dainik Jagran, Amar Ujala etc. Many ofthe research scholars are working as Assistant Professors in Central and State Universities. A number of students are working as free lancer 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.Variousco-curricul ar activities are also conducted foran all-inclusive development of the students at School of Media and Communication.

Department of Mass Communication & Journalism

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.

1. **Courses offered:**

- Ph.D (2008)
- M.Phil(2013)
- M.A. (JMC) (2008)

2. **Facilities available in the Department (like Departmental Library, Moot court etc.)**

- Departmental Library
- Computer Lab
- Smart Class Room

3. **Details of faculty:**

i. 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

ii. Prof. Govind Ji Pandey
Professor & Head
Qualification: - MJ, LLB, Ph.D. UGC NET

Specialization: - TV and Film Studies Communication Research & Development Communication

iii. 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

iv. Dr. Rachana Gangwar
Associate Professor
Qualification: - Ph.D.
Specialization: - Cross cultural Communication, Communication Research, Communication Theories, Folk Communication

v. 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

vi. 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

vii. Dr. Arvind Kumar Singh
Asstt. Professor
Qualification: - MJMC ,Ph.D., UGC NET-JRF
Specialization:- Development communication, Electronic media and new media

5- Members / Fellowship of professional / academic bodies / editorial board / editorial Board (Kindly don't furnish confidential work)

i. Prof. Gopal Singh:

a. RAC Member of Department of Journalism and Mass Communication, KMCLU
b. DRC member of Doon University, Dehradun.
c. DRC member of Himanchal Pradesh University, Shimla
d. DRC member of Veer Bahadur Singh Purvanchal University, Jaunpur
e. Advisory Committee in Doon University, Dehradun.
f. Member of Board of Studies Veer Bahadur Singh Purvanchal University, Jaunpur
g. Member of Board of Studies in Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

ii. Prof. Govind ji Pandey :

a. BPGS member , UPRTOU, Allahabaad .
b. BPGS member ,Awadh University , Faizabaad .
c. BPGS Member, DMCJ, Kushabhau Thakre University, Raipur.

iii. Dr. M.K. Padhy

Life Member:

a. Life Member, Indian science Association, Kolkata.
b. Life Member, Indian science Writers association, New Delhi
c. Life Member, Indian Public administration association, New Delhi
d. Life Member, Social Science Associations
e. Member of Academic and Administrative Bodies of the University

f. Member , IQAC BBAU Lucknow
g. Member , NAAC Steering Committee
h. Member , Academic Audit Team of the University , BBAU
i. Member, Guest House Management Committee , BBAU
j. Member, School Board, SMC , BBAU
k. Member , BPGS , DMCJ, BBAU
l. Incharge ,Universty Guest House , BBAU
m. Member, University Roadmap Committee , BBAU
n. Life Member , Indian Science Congress Association

iv. Dr Rachana Gangwar :

a. Member of Referee Board in "Radha KmalMukharji Chintan Parampara" a UGC Care listed research journal.
b. Executive Council member, Public Relation Society of India ,Lucknow, U.P
c. Member of Nation Communication Association
d. Life Member of Public Relation Society of India
e. Life Member of Indian Sociological Society
f. Member of Asian Media Information and Communication Centre
g. Life Member of National Book Trust of India
h. Life Member of Indian Social Science Association
i. Life member of Blue Planet Society
j. Life member of Global Environment & Social Association
k. Life member of "Patel Mahila Evam Bal Vikas Smiti" an NGO

v. Dr. Loknath :

a. BPGS member , UPRTOU, Allahabaad .

vi. Dr. Arvind Kumar Singh

a. Life Member of Indian Science writers association, New Delhi.
b. Life Member of Indian Science Communication Society. Lucknow.
c. Associate editor, Kahar, Multilingual magazine from Lucknow.
d. Member of Editorial board, ShodhSanchyan International Research Journal, New Delhi.
e. Member of International Youth Hostel Association of India.

6- Details of editing journals and magazines

i.Prof. Gopal Singh :-

a) Bollywood Cinema and Mental Illness: An Approach to Balance Entertainment and Exactness ISSN 2582-7472 ShodhKosh : Journal of Visual and Performing Arts Junuary 2024 **.**

ii. Dr.Kunwar Surendra Bahadur:-

a. Jal sanrakshanjagrukta me social media ki bhoomika ka adhyyan(snatakevamsnatkottarvidhyarthiyokesandarbh me) 232-239 , Sodh Disha 0975735X CARE LISTED
b. The role of scientific temper in daily life :Empowering critical thinking and rational dicision making , Mdhya pradesh journal of social science research, 0973855X, CARE LISTED

iii. Dr. Arvind Kumar Singh :-

a. Rashtriya Shiksha Neeti kekriyanvayanmai Digital technique, Sanshodhak January to March 2024 , 2394- 5990 Peer reviewed UGC care listed,
b. Research Journal Mekal Mimansa, 2023, Vol 15, Issue 2, 0974-0118, UGC Care list
c. A study of SWAYAM'S Challenge , Humanities and Social Science Studies January-June 2023, 2319-829X Peer reviewed UGC care listed IF-7.28.
d. A study of Awareness of SWAYAM, page-86-94 , Education and Society, April-June 2023, Vol 47, No-2, 2278-6864, Peer reviewed UGC care list

iv. Dr. Loknath :-

a. स्वतंत्राता आन्दोलन में हिन्दी पत्राकारिताः एक विश्लेषणात्मक अध्ययन/Page nos.- 57-72 इतिहास: शोध-पत्रिका (अंक9, भाग-1, जनवरी-जून, 2023), ISSN No. 2319-8818 ,UGC approved care listed journal , J.ID (UGC) : 101002499

b. Study of Waste Water Management and Reuse among RO Users: With Special Reference to Sharadha Nagar, Lucknow, India/ Page 203-213, Asian Journal of Advanced Research and Reports/ Volume 17, Issue 11, Published : 07 October, 2023, Article no.AJARR.107186, ISSN: 2582-3248, Peer reviewed.

c. Impact of Political News on Youth/ Page nos.- 2013-2026, International Journal of Innovative Science and Research Technology, ISSN No. 2456-2165/ Volume 8, Issue 11, November 2023, Peer reviewed

d. Impact of Soap Operas on Women (Study with special reference to Lucknow) Page nos.- 01-13 International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)/ Volume 3, Issue 1, December 2023, ISSN (Online) 2581-9429 , International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

e. सोशल मीडिया पर धार्मिक पर्यटन केंद्रों की जागरूकता का विश्लेषणात्मकए **मध्यभारती** (मानविकी एवं समाज विज्ञान की द्विभाषी शोधए ISSN: 0974-0066 , UGC Care Approved, Peer Reviewed and Referred Journal

f. अध्ययन (राजस्थान के प्रमुख धार्मिक पर्यटन केंद्रों के विशेष सन्दर्भ में)Page nos.- 10-25 पत्रिका)/ Vol 83 No 11, July-December 2023 ,Impact Factor- 6.1

g. केंद्रीय विश्वविध्यालयों में मीडिया शिक्षा की वर्त्तमान स्थिति का अध्ययन/ Page Nos. 38-43 संचार माध्यम/ खंड 35 (2), July-December, 2023, ISSN: 2321-2608 UGC care listed journal, Peer Reviewed and Referred Journal

h. वाल्मीकि रामायण में संचार के विविध संदर्भ /Page Nos. 31-40, संचार माध्यम/ खंड 36, अंक: 1, January -June, 2024, ISSN: 2321-2608 ,UGC care listed journal, Peer Reviewed and Referred Journal

i. Decline of News Websites : A Study on regional digital news outlets Page nos.- 264-272, Research Today (Vol. xv, N0. 1) January-June, 2024 , ISSN : 2319-6947 , International Peer-Reviewed and Refereed Research Journal of Humanities and Social Sciences

j. Digital Minimalism-A Study to find out ways to make the best use of digital technologies and minimise its ill-effects. Page nos.- 279-290, ShodhKosh: Journal of Visual and Performing Arts, January-June, 2024 5(1) ISSN (Online) : 2582-7472, UGC care listed journal, Peer Reviewed and Referred Journal

k. डिजिटल- लर्निंग में आर्टिफिशियल इंटेलिजेंस की उपयोगिता का विश्लेषणात्मक अध्ययन/Page Nos. 47-52, समकालीन हस्तक्षेप/ साहित्य, समाज, और संस्कृति की पीयर-रिव्यूड त्रैमासिक शोध-पत्रिका/वर्ष: 17, अंक: 04/ April-June, 2024, ISSN:

l. 2277-7857 , Peer Reviewed and Referred Journal

7- Details of Book Chapter in edited volume / conference volume.

i. Prof. Govind Ji Pandey :-

a. Role of Science and Technology for Sustainable Future, 2024

ii. Dr. Kunwar Surendra Bahadur :-

a. **शोध दिशा**, **जल संरछण जागरूकता में सोशल मीडिया की भूमिका का अध्ययन** (**स्नातक एवं स्नाकोत्तर विद्यार्थयों के सन्दर्भ में**) ISSN 0975 - 735 X

iii. Dr. Loknath

b. MAKE IN INDIA A PATH FOR ACHIEVING INCLUSIVE GROWTH Editors –.Taruna, Dr.Arpit Shailesh, समाचार पत्रों में प्रकाशित जल संरक्षण की खबरें: एक विश्लेषणात्मक अध्ययन ए 978-81-19079-05-6

8- Paper Published during the year by the faculty members(during01.04.2023 - 31.03.2024)

i. Dr. Kunwar Surendra Bahadur :-

a. A study of development challenges in special component plan for National seminar on Survival and livelihood of SCs and STs in contemporary India , 18-19 july 2023
b. The impact of artificial intelligence on media: A case study of lucknow media housesInternational conference on Future communication media and mass communication, School of media and communication, Pondicherry university .

ii. Dr. Loknath :-

a. Online paper presentation in International Seminar - "Role of Artificial Intelligence in setting New Social Trends on Social Media Platforms.", International Seminar on "Artificial Intelligence (AI) in Media: Unveiling Possibilities, Challenges, and Road Ahead"Department of Mass Communication and Journalism, BHU, Varanasi (U.P.)01-03 Dec., 2023.
b. General public for prevention and control of vector-borne diseases Example –malaria, Risk communication for awareness creation among students, teachers and general public for prevention and control of vector-borne diseases through traditional and folk media and outreach programmes.Indian Science Communication Society(ISCOS) , 09 February to 10 February, 2024

9- Attended/participated in Conferences/ seminar/workshop outside country

i. Prof. Govind Ji Pandey,attend The 9th International Conference on Media & Mass Communication 9 - 10 May - 2024 Colombo , Sri Lanka

10-Details of invited lectures inside country

i. Prof. Govind Ji Pandey ,Invitation for being Resourse Person, UGC - Malaviya Mission Teacher Training Programme from 01.07.2024 to 13.07.2024 Topic Information and Communication Technology .
ii. Dr. Arvind Kumar Singh**, (**Invited lecture as a resource person) Workshop on Risk Communication for Awareness creation among students teachers and general public,February 9 and 10, 2024,DMCJ and ISCOS with help of NCSTC With help of DST (N.Delhi)
iii. Dr. Loknath , Delivered invited Lecture on "भारतीयसिनेमाकीऐतिहासिकता",Cine workshop of EAST,Bhartiya Chitra Sadhna Delhi, Bhartiya Chitra Sadhna Delhi and Digital Soochna Kendra Lucknow 24-25 Sept. 2022
iv. Dr. Kunwar Surendra Bahadur , Invited lecture as a resource person , Workshop on Risk Communication for Awareness creation among students teachers and general public , DMCJ and ISCOS with help of NCSTC With help of DST (N.Delhi),February 9 and 10, 2024

11- Details of National Awards/fellowship

i. Dr.M.K.Padhy

a) Research and Academic Excellence Award, January 2024
b) Out standingAchiwver Award Jamuary 2024

Details of Research Projects (major and Minor)

i. Dr. M.K.Padhy

a) ONE Research Project awarded from ICSSR, New Delhi, Funding Amount: Five Lakhs, Year- 2023.

12- Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/degree awarded

i)Ph. D Awarded during the year:-

S.N.	Name	Supervisor	Award Year	Title	Fellowship Availed / Availing
1	Pratima	Prof. Govind Ji Pandey	2023	भारत के भाषाई सिनेमा में प्रदर्शित सामाजिक , सांस्कृतिक परिदृश्य का समाज पर प्रभाव : भोजपुरी एवं बांग्ला फिल्मो के सन्दर्भ में	ICSSR

	Chandra Mohan Meena	Prof . Gopal Singh	2023	सामाजिक – सांस्कृतिक परिवर्तन में जनमाध्यमो की भूमिका एवं उनका प्रभाव :एक अध्ययन (राजस्थान की मीणा जनजाति के विशेष सन्दर्भ में	NFST
2	Brijendra Kumar Verma	Dr. Mahendra Kumar Padhy	2023	ग्रामीण परिवारों के सामाजिक विकास में जनमाध्यमों की भूमिका का अध्ययन(लखनऊ मंडल के परिप्रेक्ष्य में	ICSSR
3	Girish Shastri	Dr. Kunwar Surendra Bahadur	2023	डॉ. भीमराव अम्बेडकर का पत्रकारीय अवदान (आधुनिक परिप्रेक्ष्य में प्रासंगिकता)	NFSC
4	Anurag Pandey	Prof. Govind Ji Pandey	2023	Emergence of Alternative media Platforms and its Impact on the Society	UGC NON - NET
5	Anurag Gupta	Dr. Arvind Kumar Singh	2024	A Study of SWAYAM MOOCs Platform's Contribution in Providing E - learning Opportunities to the Students Pursuing Higher Education	NFS OBC
6	Arvind Kumar	Prof. Govind Ji Pandey	2024	Investigative Journalism in India: A study to analyse the recent trends and impact of investigative journalism on the society	JRF
7	Imon Shyam	Prof. Gopal Singh	2024	A Study on social media obsession and its impact on behavioural changes among people	SWSGC
8	Ravi Singh	Dr. Mahendra Kumar Padhy	2024	सोशल मीड़िया का राजनीतिक संचार और मतदान व्यवहार पर प्रभावः (उत्तर प्रदेश विधान सभा चुनाव 2017 के विशेष सन्दर्भ मे एक **अनुसंधान अध्ययन**)	JRF
9	Pooja Arya	Prof. Gopal Singh	2024	Media Portrayal of Same -Sex Love and Popular Opinion : A Study Focusing on LGBTQ Community	JRF

ii)Ph.D thesis submitted during the year :-

S. N.	Name	Super visor	SubmisstionYear	Title	Fellowship Availed / Availing
1	Sushma Devi	Dr. Arvind Kumar Singh	2024	राजनीतिक संचार में न्यू मीडिया की भूमिका	UGC Non NET
2	Shalini Srivastava	Prof. Gopal Singh	2024	भारत में पत्रकारों की वैचारिक अभिव्यक्ति की स्वतंत्रता संबंधित कानून एवं सामाजिक आर्थिक तथा राजनैतिक दबाव : एक अध्ययन	UGC Non NET

iii) Ph. D student's Pursuing :-

S.N.	Student Name	Supervisor Name
1	PanyathipMyeangoEnchat	Prof. Govind Ji Pandey
2	Vinit Vishal	Dr. Mahendra Kumar Padhy
3	Harsh Vardhan Dubey	DR. Lokhnath

4	Priyanka Singh	Prof. Govind Ji Pandey
5	Ranjeet Kumar	DR. Lokhnath
6	Kuldeep Kumar	Dr. Rachana Gangwar
7	Satyendra Kumar Manjhi	Dr. Arvind Kumar Singh
8	Sahab Kumar	DR. Lokhnath
9	Shweta Singh Rathore	Dr. Kunwar Surendra Bahadur
10	Arin	Dr. Kunwar Surendra Bahadur
11	Meenu Nawariya	DR. Lokhnath
12	Padmini Mauvel	Dr. Arvind Kumar Singh
13	Jyotsana Sinha	Prof. Gopal Singh
14	Ashutosh Kumar Rai	Prof. Govind Ji Pandey
15	David Dinakaran	Prof. Govind Ji Pandey
16	Swapan Kumar Roy	Prof. Gopal Singh
17	Princi Mishra	Dr. Rachana Gangwar
18	Priyanka Pathak	Dr. Rachana Gangwar
19	Vijaya Bala	Prof. Govind Ji Pandey
20	Ritika	Prof. Govind Ji Pandey
21	Abhishek Kumar	Dr. Racahna Gangwar
22	Abhishek Rajput	Prof.Govind Ji Pandey
23	Naren Sahay	Prof. Govind Ji Pandey
24	Nisarga C A	Prof. Govind Ji Pandey
25	Nivedita Singh	Dr. Kunwar Surendra Bahadur
26	Sadhana Subhadarsini	Dr. Racahna Gangwar
27	Shweta Dubey	Dr. M.K. Padhy
28	Sukant Tiwari	Dr. Kunwar Surendra Bahadur
29	Tarun Kumar	Dr. Mahendra Kumar Padhy
30	Ujjwal Kumar	Dr. M.K. Padhy
31	Upali Mitra	Dr. Mahendra Kumar Padhy
32	Vidya Sagar	Dr. Mahendra Kumar Padhy
33	Vimalendra Dwivedi	Dr. Arvind Kumar Singh

- **Number of student completed their Masters/Graduation/Diploma**

S.N.	MA (JMC)	Pass out Student
1	2023	44
2	2024	40

- **Details of students selected for teaching in higher education.**

S.N.	Student Name	Higher Education	Year	University
1	Harinath Kumar	Join as a Assistant Prof.	2023	Allahabaad University
2	Ravi Suryavanshi	Join as a Assistant Prof.	2023	Allahabaad University

- **Number of student selected on Other government jobs/banking/school teaching, etc**

S.No.	Year	Student Placement in Govt. Sector / Central	Private Sector
1.	2024		**07**

- **Number of student awarded SLET/NET/JRF/any other fellowship**

S.No.	Year	NET/JRF/GATE	Awards
1	2023- 2024	04 (NET)	

School of Pharmaceutical Sciences

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.

Department of Pharmaceutical Sciences

The Department of Pharmaceutical Sciences was established in 2010. It offers M.Pharm and Ph.D. programs in Pharmacology, Pharmaceutics & Pharmaceutical Analysis. The permanent faculty members are well qualified and are experts in the field of Pharmaceutical Sciences to enable a holistic environment of learning. The Department is well equipped with state of the art infrastructure and equipments. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell Springer-Verlag. Taylor & Francies and so on. Being placed at Lucknow, networking is possible with institutes like CSIR-CDRI, CSIR-CIMAP, SGPGI and so on. Alumni of the Department are placed in the industry, drug regulatory affairs, teaching and a host of other profiles. The Department has secured Extramural Research Grants from various funding Agencies like ICMR, UGC, SERB, DST and DBT more then 2 cr.

(1) Course Offered:

i. **1.**M.Pharm (Pharmaceutics)
ii. **2.**M.Pharm (Pharmacology)
iii. **3.**M.Pharm (Pharmaceutical Analysis)
iv. Ph.D. Pharmaceutical Sciences

(2) Facilities available in the Department:

i. Pharmaceutics Lab I and II
ii. Pharmacology Lab I and II
iii. Pharmaceutical Analysis Lab
iv. Central Facility
v. Smart Class Rooms
vi. Library
vii. Office
viii. Seminar Hall

4. Details of Faculty

i. Prof. Gaurav Kaithwas
Professor & Dean School of Pharmaceutical Sciences

ii. Prof. P.S Rajinikanth
Professor & Head Department of Pharmaceutical Sciences

iii. Dr. Vikas Mishra
Assistant Professor, Department of Pharmaceutical Sciences

iv. Dr. Vijaya kumar M.R.
Assistant Professor, Department of Pharmaceutical Sciences

v. Dr. Chimpiri Srujani
Assistant Professor, Department of Pharmaceutical Sciences

vi. Prof. Shubhini A. Sarf (On Deputation for period of five years w.e.f.)

(5) Details of Seminar / Conference/Webinar organized by the Department:

i. Department of Pharmaceutical Sciences organized the seminar Inaugural function of the KARYASHALA (High-End Workshop) on "Flow Cytometry, qRT-PCR, Western Blotting and Its Applications in Pharmaceutical Research" dated 07-13 March 2024

ii. Department of Pharmaceutical Sciences organized one day Presentation Demonstration program to showcase new techniques /products related to westrn workflow, DNA Biology, Multiplexing of ELISA and quantigene technology on 01-06-2023

(6) Members/fellowship of professional/academic bodies/editorial board (Kindly don't furnish Confidential work)

i.Prof. Gaurav Kaithwas

a. Dean
b. Associate Dean Academic Affairs (ADAA) in all academic programs.
c. Member of Board Post Graduate studies of Department of Pharmaceutical Sciences.
d. Member of Departmental Research Committee of Department of Pharmaceutical Sciences.
e. Member of Institutional Library Purchase Committee.
f. Member in BBAU Alumini cell

Life member of

a. Association of Pharmacy Teachers of India: UPLM- 126
b. Science Advisory Board, USA- Life Member: 101350
c. Laboratory Animal Science Association of India: Life Member
d. Zoology Society of India: Life Member: G38

(ii) Prof. P.S Rajinikanth

Associate Member of

a. Malaysian Pharmaceutical Society
b. Controlled Release Society, Malaysia Chapter

Life member of

a. Tamil Nadu Pharmacy Council
b. Indian Pharmaceutical Graduates Association
c. Indian Pharmaceutical Association
d. American Chemical Society (ACS)

Members of various committees of the university

a. Academic council members, BBAU, Lucknow
b. Member Incubation and innovation cell (IIC), BBAU
c. DRC member, Department of Pharmaceutical Sciences, BBAU
d. Chairman, IAEC, BBAU
e. Board of post-graduate Studies of Department Pharmaceutical Sciences, BBAU
f. Board of post-graduate studies of Department Pharmaceutical Sciences, Ramswaroop Memorial University, Lucknow.
g. Member of the proctorial board, BBAU, Lucknow

iii. Dr. Vikas Mishra

a. Indian Academy of NeuIA- Life member since 2009
b. Society for Neurochemistry, INDrosciences, INDIA- Life member since 2010
c. Indian Pharmacological Society, India- Life member since 2019
d. Translational Biomedical Research Society, India- Life member since 2019

iv. Dr. ChimpiriSrujani

a. Life member of Association of Pharmacy Teachers of India
b. Gender Parity Committee (GPC) at department level- Convener
c. Community Participation and Development Committee at department level- Convener
d. Department Placement Co-Ordinator
e. Department IQAC Co-Ordinator

12. Details of Books written/edited by faculty members

i. Prof. P.S Rajinikanth

a. Fundamentals of Biostatistics and Research Methodology Volume I, LAP LAMBERT Academic Publishing
b. Fundamentals of Biostatistics and Research Methodology Volume II, LAP LAMBERT Academic Publishing

13. Details of Book Chapter in edited volume/ conference volume.

i. Prof. P.S Rajinikanth

a. Biomaterial-Based Nanofibers for Drug Delivery Applications, Biomedical Research, Medicine and Disease, CRC Press

ii. Dr. Vikas Mishra

a. Chaudhary, R., Chaudhary, D., and Mishra, V. (2023). Pharmacogenomics and COVID-19. In **Interaction of Coronavirus Disease 2019 with other Infectious and Systemic Diseases** (CRC Press), pp. 181–197. 10.1201/9781003324911-16.

iii. Dr. Vijayakumar M.R.

a. V. Kumar, N. Praveen, P. Kewlani, Arvind, A. Singh, A.K. Gautam, Vijayakumar M.R., Transdermal Drug Delivery Systems, in: T.S. Santra, A.U.S. Shinde (Eds.) Advanced Drug Delivery: Methods and Applications, Springer Nature Singapore, Singapore, 2023, pp. 333-362.

b. V. Kumar, P. Kewlani, A. Singh, Sanjay, A.K. Gautam, Vijayakumar M.R., Multifunctional Liposomes to Attain Targeting, Stimuli Sensitive Drug Release and Imaging Cancer, in: T.S. Santra, A.U.S. Shinde (Eds.) Advanced Drug Delivery: Methods and Applications, Springer Nature Singapore, Singapore, 2023, pp. 49-87.

c. Amita Singh*, Vipin Kumar, Anurag Kumar Gautam, Vijayakumar M.R., Toxicokinetic and Toxicodynamic Studies of Cosmetics and Personal Healthcare Products Using 3D Skin Models: Progress Made and Path Ahead, in the book “Skin 3-D Models and Cosmetics Toxicity” (Published, 2023).

15. Paper Published during the year by the faculty members (during 01.04.2022-31.03.2023).

i. Prof. Gaurav Kaithwas

a. Sonkar, Archana Bharti, et al. "Antiproliferative effect of indeno [1, 2-d] thiazolo [3, 2-a] pyrimidine analogues on IL-6 mediated STAT3 and role of the apoptotic pathway in albino Wistar rats of ethyl carbamate-induced lung carcinoma: In-silico, In-vitro, and In-vivo study." Cancer Cell International 24.1 (2024): 219.

b. Sonkar, Archana Bharti, et al. "Antiproliferative, apoptotic and anti-inflammatory potential of 5H-benzo [h] thiazolo [2, 3-b] quinazoline analogues: Novel series of anticancer compounds." International Immunopharmacology 137 (2024): 112496.

c. Rastogi, Shubham, et al. "Novel carbamodithioate regulates cellular hypoxia through chemical activation of prolyl hydroxylase-2 for breast cancer chemoprevention." Chemical Biology & Drug Design 103.5 (2024): e14531.

d. Rastogi, Shubham, et al. "Novel furan chalcone modulates PHD-2 induction to impart antineoplastic effect in mammary gland carcinoma." Journal of Biochemical and Molecular Toxicology 38.4 (2024): e23679.

e. Soniya Rani , Mohd Nazam Ansari , Abdulaziz S. Saeedan , Gaurav Kaithwas. 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. 2024, 38(5): 4153-4170 https://doi.org/10.23812/j.biol.regul.homeost.agents.20243805.330

f. Rastogi, Saumya, et al. "Lactate acidosis and simultaneous recruitment of TGF-β leads to alter plasticity of hypoxic cancer cells in tumor microenvironment." Pharmacology & Therapeutics (2023): 108519.

g. Rastogi, Shubham, et al. "NF-κB mediated regulation of tumor cell proliferation in hypoxic microenvironment." Frontiers in pharmacology 14 (2023): 1108915.

h. Singh, Lakhveer, et al. "Hypoxia induced lactate acidosis modulates tumor microenvironment and lipid reprogramming to sustain the cancer cell survival." Frontiers in Oncology 13 (2023): 1034205.

i. Kumar, Anurag, et al. "Optimization of novel method for isolation of high purity food grade α-linolenic

j. acid from Linum usitatissimum seeds." LWT 189 (2023): 115466.

ii. Prof. P.S Rajinikanth

a. Resveratrol-Ampicillin Dual-Drug Loaded Polyvinylpyrrolidone/Polyvinyl Alcohol BiomimicElectrospun Nanofiber Enriched with Collagen for Efficient Burn Wound Repair published in Taylor & Francis Online Journal.

b. Bioinspired core-shell nanofiber drug-delivery system modulates osteogenic and osteoclast activity for bone tissue regeneration published in Materials Today Bio

c. Surface entrenched β-sitosterol niosomes for enhanced cardioprotective activity against isoproterenol induced cardiotoxicity in rats published in International Journals of Pharmaceutics.

d. Antimicrobial peptides as antimicrobials for wound care management: A comprehensive review published in Journal of Drug Delivery and Technology
e. Revolution of nanotechnology in food packaging: Harnessing electrospun zein nanofibers for improved preservation - A review published in International Journal of Biological Macromolecules.
f. Surface functionalized Naringin stacked Polymeric Nanoparticles for the management of Cardiotoxicity in Rats published in International Journal of All Research Education and Scientific Methods.
g. Supramolecular self-assembled peptide-engineered nanofibers: A propitious proposition for cancer therapy published in International Journal of Biological Macromolecules.
h. Stimuli-responsive polysaccharide-based smart hydrogels for diabetic wound healing: Design aspects, preparation methods and regulatory perspectives published in Carbohydrate Polymers.
i. Biomimetic electrospun nanofibrous scaffold for tissue engineering: preparation, optimization by design of experiments (DOE), in-vitro and in-vivo characterization published in Frontiers in Bioengineering and Biotechnology
j. Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing published in Biomedical Materials
k. Novel synergistic approach: tazarotene-calcipotriol-loaded-PVA/PVP-nanofibers incorporated in hydrogel film for management and treatment of psoriasis published in Molecular Pharmaceutics
l. Multilayered nanofibrous scaffold of Polyvinyl alcohol/gelatin/poly (lactic-co-glycolic acid) enriched with hemostatic/antibacterial agents for rapid acute hemostatic wound healing published in International journal of pharmaceutics.
m. c (RGDfK) anchored surface manipulated liposome for tumor-targeted Tyrosine Kinase Inhibitor (TKI) delivery to potentiate liver anticancer activity published in International journal of pharmaceutics.
n. Tazarotene-calcipotriol loaded Nanostructured lipid carrier enriched hydrogel: A novel dual drug synergistic approach towards Psoriasis management published in Journal of Drug Delivery Science and Technology
o. Evaluation of cardioprotective effect of naringin loaded lignin nanoparticles against isoproterenol induced myocardial infarction published in Journal of Drug Delivery Science and Technology.
p. Multifunctional electrospun nanofibrous scaffold enriched with alendronate and hydroxyapatite for balancing osteogenic and osteoclast activity to promote bone regeneration published in Frontiers in Bioengineering and Biotechnology
q. Pentapeptide cRGDfK-Surface Engineered Nanostructured Lipid Carriers as an Efficient Tool for Targeted Delivery of Tyrosine Kinase Inhibitor for Battling Hepatocellular Carcinoma published in International Journal of Nanomedicine
r. Stimuli-responsive polysaccharide-based smart hydrogels for diabetic wound healing: Design aspects, preparation methods and regulatory perspectives published in Carbohydrate Polymers
s. Overcoming barriers in cystic fibrosis therapy through inhalational lipid nanoparticles: Challenges and advance published in Journal of Drug Delivery Science and Technology.
t. Supramolecular self-assembled peptide-engineered nanofibers: A propitious proposition for cancer therapy published in International Journal of Biological Macromolecules
u. Untangling breast cancer: Trailing towards nanoformulations-based drug development. Published in Recent Patents on Nanotechnology

iii. Dr. Vikas Mishra

a. Shweta Jaiswal, Md Meraj Anjum, Dilip Kumar Arya, Sunita Thakur, Prashant Pandey, Payal Deepak, Shubham Kanaujiya, Sneha Anand, Arjun Singh Kaushik, Vikas Mishra, ParuvathanahalliSiddalingam Rajinikanth, "Surface entrenched β-sitosterol niosomes for enhanced cardioprotective activity against isoproterenol induced cardiotoxicity in rats" **International Journal of Pharmaceutics**, https://doi.org/10.1016/j.ijpharm.2024.123872 (2024)
b. Rishabh Chaudhary, Ajay Prasad, Vipul Agarwal, Mujeeba Rehman, Anand Kumar, Arjun Singh Kaushik, Siddhi Srivastava, Sukriti Srivastava and Vikas Mishra, "Chronic stress predisposes to the aggravation of inflammation in autoimmune diseases with focus on rheumatoid arthritis and psoriasis" **International Immunopharmacology**, https://doi.org/10.1016/j.intimp.2023.111046 (2023)
c. Anand Kumar, Priyanka Prajapati, Vinit Raj, Seong-Cheol Kim, Vikas Mishra, Chaitany Jayprakash Raorane, Ritu Raj, Dinesh Kumar, Sapana Kushwaha, "Salbutamol ameliorates skeletal muscle

wasting and inflammatory markers in streptozotocin (STZ)-induced diabetic rats" **International Immunopharmacology**, https://doi.org/10.1016/j.intimp.2023.110883 (2023)

d. Kumar A, Prajapati P, Singh G, Kumar D, Mishra V, Kim S-C, Raorane CJ, Raj V, Kushwaha S. Salbutamol Attenuates Diabetic Skeletal Muscle Atrophy by Reducing Oxidative Stress, Myostatin/GDF-8, and Pro-Inflammatory Cytokines in Rats. **Pharmaceutics** ; 15(8):2101. https://doi.org/10.3390/pharmaceutics15082101 (2023)

e. Vipul Agarwal, Arjun Singh Kaushik, Rishabh Chaudhary, Mujeeba Rehman, Siddhi Srivastava & Vikas Mishra, "Transcutaneous vagus nerve stimulation ameliorates cardiac abnormalities in chronically stressed rats" **Naunyn-Schmiedeberg's Arch Pharmacol**, https://doi.org/10.1007/s00210-023-02611-5 (2023).

iv. Dr. Vijayakumar M.R.

a. 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-κB signaling pathway, International immunopharmacology, 140 (2024) 112813. (IF 4.8)

b. M.M. Anjum, K.K. Patel, S. Bhattacharya, D.K. Arya, P. Pandey, M.R. Vijayakumar, S. Singh, P.S. Rajinikanth, Overcoming barriers in cystic fibrosis therapy through inhalational lipid nanoparticles: Challenges and advances, **Journal of Drug Delivery Science and Technology**, 89 (2023) 105068. (IF 5.0)

c. M.M. Anjum, D.N. Kumar, S. Bhattacharya, K.K. Patel, **M.R. Vijayakumar**, A.K. Agrawal, S. Singh, Topical delivery of cyclodextrin crosslinked nanosponge of anacardic acid for treatment of UV-B induced skin photoaging: Formulation, characterization and biochemical estimation, **Journal of Drug Delivery Science and Technolog**y, 87 (2023) 104840. (IF 5.0)

d. P. Singh, P. Pandey, D.K. Arya, M.M. Anjum, S. Poonguzhali, A. Kumar, R. Gupta, **M.R. Vijayakumar**, S. Singh, S. Chaurasia, A.K. Dantuluri, S. McMahon, P.S. Rajinikanth, Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing, **Biomedical materials** (Bristol, England), 27;18(3). doi: 10.1088/1748-605X/acc4a1. (IF 4.103)

v. Dr. ChimpiriSrujani

i. Design and Development of Self-Emulsifying drug delivery systems of Tolvaptan. AsianJournal of Pharmaceutics. 2023; 17(2):322.

16. Attended/Participated/ Paper presented in conferences/seminar/workshop inside country (During 01-04-2023 to 31-03-2024)

i. Prof. P.S Rajinikanth

a. Organized "Workshop on Flow Cytometry and its Applications in Biology" on 3rd and 4th February 2024, Jointly organized by the Department of Pharmaceutical Sciences, Department of Biotechnology and Trust for Education and Training in Cytometry, India.

ii. Dr. Vikas Mishra

a. Attended online two - week Interdisciplinary Refresher Course in "**ADVANCED RESEARCH METHODOLOGY**" from 21 June to 05 July 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi, under the aegis of Ministry of Education, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

b. Attended online one week Faculty Development Programme on **"National Education Policy-2020"** from 03 to 09 October 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi, under the aegis of Ministry of Education, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

iii. Dr. ChimpiriSrujani

a. Organizing Secretary in Karyashala (High-End Workshop) on "FLOW CYTOMETRY, qRT-PCR, WESTERN BLOTTING AND ITS APPLICATIONS IN PHARMACEUTICAL RESEARCH" from 7th to 13th March, 2024 under Accelerate Vignan Scheme, ScienceandEngineeringResearchBoard (SERB),DepartmentofScienceandTechnology, GovernmentofIndia.

17. Details of invited lectures inside country-

i. Prof. P.S Rajinikanth

a. Invited as Keynote speaker "Karyashala (High End Workshop) on Flow Cytometry ,Qrt- PCR, Western Blotting and its Applications in Pharmaceutical Research" organized by Department of Pharmaceutical Sciences, School of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow on 7th – 13th March 2024.

ii. Dr. ChimpiriSrujani

a. Delivered a guest lecture on the topics "Cell culture techniques and Documentation in Pharmaceutical Industry" at University College of Pharmaceutical Sciences, Acharya Nagarjuna University on 23-08-2023 & 24-08-2023.
b. Delivered a guest lecture on the topics "GLP In Non-clinical laboratory studies and Mass Spectroscopy & its applications in Pharmaceutical Analysis" at Shri Vishnu College of Pharmacy, Bhimavaram on 31-08-2023 & 01-09-2023.
c. Delivered a guest lecture on the topic "Intellectual Property Rights and its role in Research and Development" at Babu Sunder Singh College of Pharmacy on 19-01-2024.

18. Details of National Awards/fellowship

i. Prof. P.S Rajinikanth

a. Academic and Research excellent faculty award 2023 awarded by Babasaheb Bhimrao Amebdkaruniversity , Lucknow , India

19. Details of International Awards/fellowship

i. Prof. P.S Rajinikanth awarded International Scientist award 2022, awarded by INSO organization

20. Details of Research Projects (major and minor)

i. **Prof. P.S Rajinikanth** running a major project **"**Pulmonary Targeted Delivery of Lumacaftor and Ivacaftor Liposomes for F 508 del-CFTR Mutation Mediated Cystic Fibrosis Therapy" funded by SERB- National Post Doctoral Fellow Total grant in Lakhs 21,30000 INR (PI/COPI Dr. Md Meraj Anjum / Dr. P.S. Rajinikanth) Duration 10.02.2022- 09.02.2024
ii. **Dr. Vijayakumar M.R.** running a major project CFormulation development and evaluation of dissolvable and coated microneedle patches containing COVID-19 vaccine loaded chitosan nanoparticles for painless and potential immunization" funded by EMEQ; SERB Total grant 40.06 Duration3 Years (2022-2025)
iii. **Dr. Vijayakumar M.R.** running a major project "Tamoxifen and dalbergin loaded multifunctional liposomes decorated with GE11 peptide and hyaluronic acid to target EGFR and CD44 receptors for the treatment of triple-negative breast cancer and its metastasis" funded by CSTUP grant in Lakhs 14.36 Duration:3 Years (2023-2026)
iv. **Dr. Chimpiri Srujani** running a major project "Green analytical chemistry and Quality by Design approaches to develop stability indicating chromatographic methods for determination of Antineoplastic agents" funded by Seed Grant-BBAUgrant in Lakhs 0.5 lakh Duration 6 months
v.

21. Details of Patents filed/awarded

i. Prof. Gaurav Kaithwas

a. Rajnish K Yadav, Gaurav Kaithwas. Alpha linolenic acid based Nanosuspension for treatment of bovine Mastitis **(Patent No 456603)**

ii. Prof. P.S Rajinikanth

a. Multifunctional Biomimetic Nanofibrous Scaffold for Rapid Diabetic Wound Healing, INDIAN Patent published online 2022, Application number: 202211000241
b. A Nanofiber Loaded with Ferulic Acid For Enhanced Antimicrobial And Diabetic Wound Healing Activity INDIAN Patent published online 2022, Application number: 202211010747

iii. Dr. ChimpiriSrujani

a. Dr.AnnapurnaUppala,Dr.Sk.Mastanamma,Dr.ChimpiriSrujani,Dr.A.PrameelaRani.BilayerTabletFormulationofNSAIDandSerratiopeptidaseandMethodthereof.ApplicationNo.202441008823.Publishedon16thFebruary,2024.

22. Students achievements

i) Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**Masters**	**29**
Number of student pursuing higher studies		**05**
Number of student selected on other government jobs/banking/school teaching etc	**Govt Job**	**01**
	Teaching	**08**
	Job	**06**
	Projects	--
Number of student awarded SLET/NET/JRF/any other fellowship	1 UGC-NET	

ii Ph.D Awarded during the year

Ph.D Awarded during the **Year**

Sl.No.	Students	Guide	Co-guide	Title of thesis	Remark
1.	Priyanka Prajapati	Dr. Sapana Kushwaha	--	Investigation of Pharmacological Agent(s) and Molecular Mechanism thereof for the treatment of Sarcopenia associated Muscle Atrophy	ICMR-SRF
2.	Nidhi Mishra	Prof. Shubhini A. Saraf	--	Formulation and Appraisal of Nano Drug Delivery System(s) of Bioactive Compounds for Enhanced Antineoplastic Potential	DST -INSPIRE
3.	Raquibun Nisha	Prof. Shubhini A. Saraf	--	Formulation and Development of Nanotherapeutics System Utilizing Surface-engineered Approach for Cancer Cell Specificity	ICMR-SRF
4	Neelu Singh	Prof. Shubhini A. Saraf	--	Fabrication and Characterization of Receptor Mediated Nanocarrier(s) for the Treatment of Inflammatory Arthritis	UGC Non NET

iii)**Ph.D thesis Submitted**during the **Year**:

Sl.No.	Students	Guide	Co- guide	Title of thesis	Remark
1.	Anand Kumar	Dr. Vikas Mishra	Dr. Sapana Kushwaha	Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat	ICMR-SRF
2.	Vipul Agarwal	Dr. Vikas Mishra	--	A Study on the Role of Proinflammatory Cytokines and their Modulation by Cholinergic Activity in Chronic Stress Induced Cardiac Dysfunction	ICMR-SRF
3.	Soniya Rani	Prof. Gaurav Kaithwas	--	Regulation of HIF-1α (Hypoxia-Inducible Factor-1 α) through C-Transactivation Domain (C-TAD) in Cellular Hypoxia	ICMR-SRF
4.	Shubham Rastogi	Prof. Gaurav Kaithwas	--	Chemical Induction and Role of Prolylhydroxylase-2(PHD2) toInhibit HIF-1α Mediated Glycolysis, Fatty Acid Synthesis and Angiogenesis	DST INSPIRE
5.	Shweta Jaiswal	Dr. P.S Rajinikanth	--	Formulation and Evaluation of Ligand-Nanocarriers Targeted Delivery for Enhanced Cardiovascular Therapy	UGC Non NET

6.	Sunita Thakur	Dr. P.S Rajinikanth	--	Preparation and Evaluation of Nanocarrier Based Drug Delivery for the Treatment of Psoriasis	NF-OBC
7.	Payal Deepak	Dr. P.S Rajinikanth	--	Ligand based nanocarrier therapy for Hepatocellular carcinoma (HCC)	NF-SC
8.	Alka	Prof. Shubhini A. Saraf	--	Development and assessment of biodegradable/ bioresorbable polymeric topical scaffolds for wound management	UGC Non NET

iv) Ph.D students Pursuing

S. No	Name of Scholars	Supervisor	Thesis title	Fellowship
1.	Archana Sonkar	Prof. Gaurav Kaithwas	Amiliorative effect of 5H-benzo[h]thizolo [2,3-b] quinazoline and indeno [1,2-d] thiazolo [3,2-a] pyrimidine analogues against urethane induced lung carcinoma in albino wistar rats.	ICMR-SRF
2.	Prashant Pandey	Dr. P.S Rajinikanth	Development of multifunctional Nanocarrier for codelivery of an optimal drug and therapeutic gene to overcome resistance in Brain Metastasis.	OVDF Fellow
3.	Dilip Kumar Arya	Dr. P.S Rajinikanth	Trastuzumab and iRGD decorated dual targeted liposomes for targeted delivery of Lycorine and Gefitinib for HER2 Positive Breast Cancer and its Brain Metastasis.	DST-JRF
4.	Mujeeba Rahman	Dr. Vikas Mishra	A Study on the role of Brain Derived Neurotrophic Factor and its Modulation in Chronic Stress Induced Atherosclerosis and Endothelial Dysfunctions.	ICMR-SRF
5.	Anurag Kumar	Prof. Gaurav Kaithwas	Extraction, Purification and Characterization of α-Linolenic Acid Derived from Plant Source and its Evaluation Against Mammary Gland Carcinoma	ICMR-SRF
6.	Sneha Yadav	Prof. Gaurav Kaithwas	Screening and Optimization of Novel Chemical Entities as Dual Regulator of MCT-1 and MCT-4 in Mammary Gland Carcinoma	UGC -Non NET
7.	Anurag Kumar Gautam	Dr. Vijayakumar M.R.	Development of targeted nanoformulation(s) for the treatment of cancer and investigation of the molecular mechanisms	SERB-DST Project
8.	Amita Singh	Dr. Vijayakumar M.R.	DEVELOPMENT OF BETULIN AND GEFITINIB LOADED LACTOFERRIN DECORATED pH SENSITIVE NANOFORMULATION(S) AGAINST HEPATOCELLULAR CARCINOMA	ICMR-SRF
9.	Abhishek Verma	Prof. Shubhini A. Saraf	Appraisal of receptor mediated targeting for the enhanced antiproliferative activity of surface engineered nano-formulation(s) against lung carcinoma.	ICMR-SRF
10.	Arjun Singh Kaushik	Dr. Vikas Mishra	A Study on the Role of Sirtuin-6 and its Modulation in ChronicStress Induced Metabolic Syndrome	ICMR-SRF
11.	Rishabh Chaudhary	Dr. Vikas Mishra	A Study on Immune System and its Modulation in Chronic Stress Aggravated	UGC -Non NET

			Autoimmune Condition	
12.	Sukriti srivastava	Dr. Vikas Mishra	Investigating the role of JAK/STAT pathway and its modulation in chronic stress induced Inflammatory bowel disease in Rats	UGC Non NET
13.	Siddhi Srivastava	Dr. Vikas Mishra	A study on the role of vitamin D and its receptor mediated steriodogenesis in chronic stress-induced male infertility	UGC-Non NET
14.	Vipin Kumar	Dr. Vijayakumar M.R	Appraisal of Niclosamide Loaded Mannose and Hyaluronic Acid Grafted Liposomes Against Bisphenol A-Induced Hepatic Fibrosis	Project Fellow
15.	Rohit Kumar	Prof. Sanjay Singh (Hon'ble Vice Chancellor)	Enhancement of Anticancer Potential of Paclitaxel using Polyunsaturated Fatty Acids	UGC-Non NET
16.	Dharmendra Kumar	Prof. Gaurav Kaithwas	Enhancement of Anticancer Potential of Paclitaxel using γ- Linolenic acid	UGC-Non NET
17.	Neeraj Kr. Srivastava	Prof. Gaurav Kaithwas		UGC-Non NET

29. Any Other Special achievement recorded by the students

i. OVDF Fellowship recorded by Prashant Pandey (Ph.D. student), and **Dr. PS Rajnikanth (A Mentor)**

ii. Sneha Yadav qualified UGC- Net

iii. Most of the students of pharmacy are recipients of scholarships/student fellowships for their M. Pharm education through GATE/GPAT.

30. Student Publications

i. Prof. Gaurav Kaithwas

a. Sonkar, Archana Bharti, et al. "Antiproliferative effect of indeno [1, 2-d] जीप्रंवसव [3, 2-a] pyrimidine analogues on IL-6 mediated STAT3 and role of the apoptotic pathway in albino Wistar rats of ethyl carbamate-induced lung carcinoma: In-silico, In-vitro, and In-vivo study." Cancer Cell International 24.1 (2024): 219.

b. Sonkar, Archana Bharti, et al. "Antiproliferative, apoptotic and anti-inflammatory potential of 5फ. इमद्रव खे, जीप्रंवसव ख्ए 3.इ, quinazoline analogues: Novel series of anticancer compounds." International Immunopharmacology 137 (2024): 112496.

c. Rastogi, Shubham, et al. "Novel carbamodithioate regulates cellular hypoxia through chemical activation of prolyl hydroxylase-2 for breast cancer chemoprevention." Chemical Biology & Drug Design 103.5 (2024): e14531.

d. Rastogi, Shubham, et al. "Novel furan chalcone modulates PHD-2 induction to impart antineoplastic effect in mammary gland carcinoma." Journal of Biochemical and Molecular Toxicology 38.4 (2024): e23679.

e. Soniya Rani , Mohd Nazam Ansari , Abdulaziz S. Saeedan , Gaurav Kaithwas. 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. 2024, 38(5): 4153-4170 https://doi.org/10.23812/j.biol.regul.homeost.agents.20243805.330

f. Kumar, Anurag, et al. "Optimization of novel method for isolation of high purity food grade α-linolenic

g. acid from Linum usitatissimum seeds." LWT 189 (2023): 115466

ii. Dr. P.S Rajinikanth :

a. Resveratrol-Ampicillin Dual-Drug Loaded Polyvinylpyrrolidone/Polyvinyl Alcohol BiomimicElectrospun Nanofiber Enriched with Collagen for Efficient Burn Wound Repair published in Taylor & Francis Online Journal.
b. Bioinspired core-shell nanofiber drug-delivery system modulates osteogenic and osteoclast activity for bone tissue regeneration published in Materials Today Bio
c. Surface entrenched β-sitosterol niosomes for enhanced cardioprotective activity against isoproterenol induced cardiotoxicity in rats published in International Journals of Pharmaceutics.
d. Antimicrobial peptides as antimicrobials for wound care management: A comprehensive review published in Journal of Drug Delivery and Technology
e. Revolution of nanotechnology in food packaging: Harnessing electrospun zein nanofibers for improved preservation - A review published in International Journal of Biological Macromolecules.
f. Surface functionalized Naringin stacked Polymeric Nanoparticles for the management of Cardiotoxicity in Rats published in International Journal of All Research Education and Scientific Methods.
g. Supramolecular self-assembled peptide-engineered nanofibers: A propitious proposition for cancer therapy published in International Journal of Biological Macromolecules.
h. Stimuli-responsive polysaccharide-based smart hydrogels for diabetic wound healing: Design aspects, preparation methods and regulatory perspectives published in Carbohydrate Polymers.
i. Biomimetic electrospun nanofibrous scaffold for tissue engineering: preparation, optimization by design of experiments (DOE), in-vitro and in-vivo characterization published in Frontiers in Bioengineering and Biotechnology
j. Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing published in Biomedical Materials
k. Novel synergistic approach: tazarotene-calcipotriol-loaded-PVA/PVP-nanofibers incorporated in hydrogel film for management and treatment of psoriasis published in Molecular Pharmaceutics
l. Multilayered nanofibrous scaffold of Polyvinyl alcohol/gelatin/poly (lactic-co-glycolic acid) enriched with hemostatic/antibacterial agents for rapid acute hemostatic wound healing published in International journal of pharmaceutics.
m. c (RGDfK) anchored surface manipulated liposome for tumor-targeted Tyrosine Kinase Inhibitor (TKI) delivery to potentiate liver anticancer activity published in International journal of pharmaceutics.
n. Tazarotene-calcipotriol loaded Nanostructured lipid carrier enriched hydrogel: A novel dual drug synergistic approach towards Psoriasis management published in Journal of Drug Delivery Science and Technology
o. Evaluation of cardioprotective effect of naringin loaded lignin nanoparticles against isoproterenol induced myocardial infarction published in Journal of Drug Delivery Science and Technology.
p. Multifunctional electrospun nanofibrous scaffold enriched with alendronate and hydroxyapatite for balancing osteogenic and osteoclast activity to promote bone regeneration published in Frontiers in Bioengineering and Biotechnology
q. Pentapeptide cRGDfK-Surface Engineered Nanostructured Lipid Carriers as an Efficient Tool for Targeted Delivery of Tyrosine Kinase Inhibitor for Battling Hepatocellular Carcinoma published in International Journal of Nanomedicine
r. Stimuli-responsive polysaccharide-based smart hydrogels for diabetic wound healing: Design aspects, preparation methods and regulatory perspectives published in Carbohydrate Polymers
s. Overcoming barriers in cystic fibrosis therapy through inhalational lipid nanoparticles: Challenges and advance published in Journal of Drug Delivery Science and Technology.
t. Supramolecular self-assembled peptide-engineered nanofibers: A propitious proposition for cancer therapy published in International Journal of Biological Macromolecules
u. Untangling breast cancer: Trailing towards nanoformulations-based drug development. Published in Recent Patents on Nanotechnology

iii. Dr. Vikas Mishra

a. Shweta Jaiswal, Md Meraj Anjum, Dilip Kumar Arya, Sunita Thakur, Prashant Pandey, Payal Deepak, Shubham Kanaujiya, Sneha Anand, Arjun Singh Kaushik, Vikas Mishra,

ParuvathanahalliSiddalingam Rajinikanth, "Surface entrenched β-sitosterol niosomes for enhanced cardioprotective activity against isoproterenol induced cardiotoxicity in rats" **International Journal of Pharmaceutics**, https://doi.org/10.1016/j.ijpharm.2024.123872 (2024)

b. Rishabh Chaudhary, Ajay Prasad, Vipul Agarwal, Mujeeba Rehman, Anand Kumar, Arjun Singh Kaushik, Siddhi Srivastava, Sukriti Srivastava and Vikas Mishra, "Chronic stress predisposes to the aggravation of inflammation in autoimmune diseases with focus on rheumatoid arthritis and psoriasis" **International Immunopharmacology**, https://doi.org/10.1016/j.intimp.2023.111046 (2023)

c. Anand Kumar, Priyanka Prajapati, Vinit Raj, Seong-Cheol Kim, Vikas Mishra, Chaitany Jayprakash Raorane, Ritu Raj, Dinesh Kumar, Sapana Kushwaha, "Salbutamol ameliorates skeletal muscle wasting and inflammatory markers in streptozotocin (STZ)-induced diabetic rats" **International Immunopharmacology**, https://doi.org/10.1016/j.intimp.2023.110883 (2023)

d. Kumar A, Prajapati P, Singh G, Kumar D, Mishra V, Kim S-C, Raorane CJ, Raj V, Kushwaha S. Salbutamol Attenuates Diabetic Skeletal Muscle Atrophy by Reducing Oxidative Stress, Myostatin/GDF-8, and Pro-Inflammatory Cytokines in Rats. **Pharmaceutics** ; 15(8):2101. https://doi.org/10.3390/pharmaceutics15082101 (2023)

e. Vipul Agarwal, Arjun Singh Kaushik, Rishabh Chaudhary, Mujeeba Rehman, Siddhi Srivastava & Vikas Mishra, "Transcutaneous vagus nerve stimulation ameliorates cardiac abnormalities in chronically stressed rats" **Naunyn-Schmiedeberg's Arch Pharmacol**, https://doi.org/10.1007/s00210-023-02611-5 (2023).

f. Chaudhary, R., Chaudhary, D., and Mishra, V. (2023). Pharmacogenomics and COVID-19. In **Interaction of Coronavirus Disease 2019 with other Infectious and Systemic Diseases** (CRC Press), pp. 181–197. 10.1201/9781003324911-16.

31. Google profile of the faculty members, if available.

1. Prof. Gaurav Kaithwas
https://scholar.google.co.in/citations?user=6U7UbYUAAAAJ&hl=en

2. Dr P.S.Rajinikanth
https://scholar.google.co.in/citations?user=g6-RhUYAAAAJ&hl=en

3. Dr Vikas Mishra
https://scholar.google.com/citations?hl=hi&user=uQucveoAAAAJ&view_op=list_works&sortby=pubdate

4. Dr. Vijayakumar M.R.
https://scholar.google.com/citations?user=KKGFdycAAAAJ&hl=en

5. Dr. ChimpiriSrujani
https://scholar.google.com/citations?user=7y5lqQQAAAAJ

School of Physical & Decesion Science

Initialluy (2010), there were four departments under the umbrella of the School of Physical Sciences namely Department of Applied Chemistry, Department of Mathmetices, Department of Applied Physices& Department of Statistices. However, keeping in view the cmployability 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:-

i. Department of Chemistry
ii. Department of Mathmetices
iii. Department of Physice
iv. Department of Statistices
v. Integrated B.Sc.-M.Sc. Basic Science

Department of Chemistry

Currently the department offers two years Postgraduate programme in Chemistry for which candidates are selected through National Level entrance test. The department also offers Ph.D. programme.

Infrastructural facilities available in the Department: The Chemistry department has a UV-Vis Spectrophotometer (Cary 100), Rheometer (Anton Paar), FTIR (Perkin Elmer SP2), BET Surface analyzer (Belsorp-mini-II, make Bell Japan) and NMR (400 MHz, Jeol).

1. **Course Offered:**
   i. M.Sc. Chemistry
   ii. Ph.D Chemistry
2. **Facilities available in the Department:**
   i. 01 M.Sc. Lab
   ii. 01 Shopisticated Instrumentation Lab
   iii. 01 Departmental Library.
   iv. 01 NMR Lab
   v. 01 Smart Class room
   vi. 01 Per teacher personal lab
3. **Details of the Faculty:**
   i. Prof. Anjani Kumar Tiwari
   Professor & Head, Department of Chemistry
   Specilization: Radiochemistry, Chemical Kinetics, Biomedical Sciences, Computer added drug design (CADD) and Medicinal Chemistry
   Qualificatioin: M. Sc.; Ph. D.
   ii. Prof. Kaman Singh
   Professor, Department of Chemistry
   Specilizatn: Physical Chemistry, Advance Surface Chemistry
   Qualification: M. Sc.; Ph. D.
   iii. Prof. Gajanan Pandey
   Professor, Department of Chemistry
   Specilization: Materials Chemistry, Coordination Chemistry,Environmental Chemistry
   Qualificatioin: M. Sc.; Ph. D
   iv. Dr. Jyoti Pandey
   Associate Professor, Department of Chemistry
   Specilization: Sustainable green chemistry, biopolymer chemistry and bioorganic chemistry
   Qualificatioin: M. Sc.; Ph. D.
   v. Dr. Shailesh Kumar
   Associate Professor, Department of Chemistry
   Specilization: Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of Heterocyles of medicinal importance, Organocatalysis
   Qualificatioin: M. Sc.; Ph. D.

vi. Dr. Preeti Gupta
Assistant Professor, Department of Chemistry
Specilization: Synthetic Organic Chemistry and Medicinal Chemistry
Qualificatioin: M. Sc.; Ph. D.

vii. Dr. Jawahar L. Jat
Assistant Professor, Department of Chemistry
Specilization: Sustainable Organic Synthesis and Medicinal Chemistry
Qualificatioin: M. Sc., Ph. D.

4. Details of the seminar/conference/Webniar organized by the Department: (2023-24)

i. A two days seminar for NMR analysis, on "Academia-Industry interface for NMR analysis (AIINA-2023)" by the Department of Chemistry during 20-21 November 2023" (Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Shailesh Kumar).
ii. One week training programme on Analytical Techniques" hosted by Department of Chemistry, BBAU during 25th April 2023 to 1st May 2023. (Chairperson: Prof. Anjani Kumar Tiwari).
iii. Two Week Training Program on Spectroscopic Techniques for New Chemical Entities" program (as per National Education Policy) hosted by Department of Chemistry, BBAU during 06 September 2023 to 19 September 2023 (Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Jawahar Lal Jat).
iv. Three weeks training programme on Analytical Techniques and their applications" (as per National Education Policy) organized by Department of Chemistry, BBAU during 21st September 2023 to 11th October 2023(Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Jyoti Pandey).
v. Three weeks Training Program on NMR Technique and Its Applications from 22nd August 2024 to 11th September 2024 held at Department of Chemistry, BBAU, Lucknow (Chairperson: Prof. Anjani Kumar Tiwari, Convenor: Dr. Preeti Gupta).
vi. 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).

5. Other Departmental level Academic Activities:

i. Virtual Alumni Meet 2023: Organized by Department of Chemistry, BBAU During April 09, 2023. (Co-ordinator: Dr. Jawahar Lal)

6. Details Co-curricular/Extra-curricular/sports Activities:

i. M.Sc. Chemistry Quiz Competition for M.Sc. III Semester students, in Department of Chemistry on November 7, 2023 (Convenor: Dr. Shailesh Kumar).
ii. Virtual Alumni Meet: Organized by Department of Chemistry, BBAU duringApril 09, 2023. (Co-ordinator: Dr. Jawahar Lal)

7. **Members/Fellowship of professional/Academic bodies/editorial board**

i. **Prof. Gajanan Pandey**

a) Board of Postgraduate Studies, DoC, BBAU - Member
b) Departmental of Research Committee - Member
c) Academic Council, BBAU, Lucknow - Member,
d) Academic Council, Central Institute of Plastic Engineering and Technology (Ministry of Chemicals and Fertilizers, Govt. of India) Lucknow - Member
e) Board of Studies and DRC, Department of Chemistry and Environmental Science, Madan Mohan Malviya Technological University, Gorakhpur - Member
f) Board of Studies Mahatma Gandhi Central University, Bihar - Member
g) Advisory/Expert Committee for Chemical and Pharmaceutical Sciences, Council of Science & Technology, U.P. - Member,
h) School Board of Physical & Decision Science, BBAU, Lucknow - Member
i) Board of Studies, MITS, Gwalior - Member

j) Admission Committee, Department of Chemistry, BBAU, Lucknow -Member
k) Board of Management (Executive Council), BBAU, Lucknow - Ex- Member
l) Planning Board, BBAU, Lucknow - Ex- member,
m) School of Engineering & Technology, BBAU, Lucknow - Worked as Coordinator,
n) Professor-in-Charge Security, BBAU Lucknow - PIC
o) M.Sc. Polymer Chemistry, BBAU, Lucknow - Worked as Coordinator
p) BoS, Rajiv Gandhi ProudyogikiVishvavidyalaya, Bhopal - Ex- Member

ii. Dr. Anjani Kumar Tiwari

a) Board of Management BBAU - Member
b) Academic Council, BBAU, Lucknow - Member
c) School Board of Studies, SPDS, BBAU - Chairman
d) Scientific Expert Committee, - Chairman
ASEAN-INDIA S & T Cooperation programs,
DST, New Delhi
e) Departmental of Research Committee - Chairman
f) Visiting Professor,National Institutes for Quantum and Science and Technology - Commisoned Radiological Researcher

iii. Dr. Jyoti Pandey

a) School Board of Studies, SPDS, BBAU - Member
b) Scientific Expert Committee, - Member
ASEAN-INDIA S & T Cooperation programs,
DST, New Delhi
c) Departmental of Research Committee - Member
d) Admission Committee, - Member
Deptt. of Chemistry, BBAU, Lucknow

iv. Dr. Shailesh Kumar

- Board of Postgraduate Studies, DoC, BBAU - Member
- Departmental of Research Committee (Invitee) - Member
- Admission Committee Doc 2023-24 -Member
- The Association of Chemistry Teachers - Life member
- The Indian Science Congress - Life member
- Vigyan Bharti Awadh Prant - Life member
- Mebmer of Degree Screening, Verfication and Distribution Commitee for 10th Convocation of BBAU, 2022.
- IQAC, Department of Chemistry, BBAU, 2022 - Coordinator
- NAAC committee Department of Chemistry, BBAU, 2022 - Member

v. 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 2023-24 - Member

vi. Dr. Jawahar Lal Jat

vii. Departmental of Research Committee (Invitee) - Member
- Board of Postgraduate Studies, DoC, BBAU (Invitee) - Member
- Admission Committee, Doc, 2021-22 - Member
- USIC, Advisory Committee - Member
- R&D, Advisory Committee - Member

8. Details of editing journals and magazines:
Anjani Kumar Tiwari, Academic Editor, PLOS One

9. Details of Book Chapter in edited volume/conference volume:

- Marziya Rizvi ;**Preeti Gupta**; **Hariom Kumar; Manoj Dhameja; HusnuGerengi,** "Grafted Biopolymers as Corrosion Inhibitors: Safety, Sustainability, and Efficiency''. Chapter 7- **Factors Affecting Biopolymer Grafting,** Edited by Jeenat Aslam, Chandrabhan Verma, Ruby Aslam, Wiley, Page 121-144, 2023.
- **Anjani Kumar Tiwari,** Synthetic Approach of Quinazolines Candidates, N-Heterocycles: Synthesis and Biological Evaluation, 313-329,2022, Springer Nature Singapore

10. Paper Published during the year (01.04.2022-31.03.2023) by the faculty members:

- Goswami, M. K., Srivastava, A., Dohare, R. K., & et al. (2023). Recent advances in conducting polymer-based magnetic nanosorbents for dyes and heavy metal removal: Fabrication, applications, and perspective. *Environmental Science and Pollution Research*, *30*, 73031–73060. https://doi.org/10.1007/s11356-023-27458-4
- Singh, D., Kaur, L., Singh, P., Datta, A., Pathak, M., Tiwari, A. K., Ojha, H., & Singhal, R. (2023). Luminescence and in-silico studies of binding interactions of arylpiperazinyl-butylbenzoxazolone based synthetic compounds with bovine serum albumin. *Journal of Photochemistry and Photobiology A: Chemistry*, *437*, 114429. https://doi.org/10.1016/j.jphotochem.2022.114429
- Singh, D., Singh, P., Srivastava, P., Kakkar, D., Pathak, M., & Tiwari, A. K. (2023). Development and challenges in the discovery of 5-HT1A and 5-HT7 receptor ligands. *Bioorganic Chemistry*, *131*, 106254. https://doi.org/10.1016/j.bioorg.2022.106254
- Saklani, M., Jha, C. B., Baidya, A. T. K., Singh, S., Kumar, R., Mathur, R., Tiwari, A. K., & Varshney, R. (2024). Laminin mimetic angiogenic and collagen peptide hydrogel for enhanced dermal wound healing. *Biomaterials Advances*, *158*, 213761. https://doi.org/10.1016/j.bioadv.2024.213761
- Mishra, A., & et al. (2023). Adsorption characteristics of magnetized biochar derived from Citrus limetta peels. *Heliyon*, *9*(10), e20665. https://doi.org/10.1016/j.heliyon.2023.e20665
- 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. https://doi.org/10.1016/j.molstruc.2024.138188
- Van Steenwinckel, J., Bokobza, C., Laforge, M., Shearer, I. K., Miron, V. E., Rua, R., Matta, S. M., Hill-Yardin, E. L., Fleiss, B., &Gressens, P. (2023). Key roles of glial cells in the encephalopathy of prematurity. *Glia*, *72*(3), 475-503. https://doi.org/10.1002/glia.24474
- Singh, P., Kumari, N., Kaul, A., Srivastava, A., Singh, V. K., Srivastava, K., & Tiwari, A. K. (2023). Acetamidobenzoxazolone conjugated DOTA system for assessing 18 kDa translocator protein during pulmonary inflammation. *Journal of Molecular Structure*, *1271*, 134006. https://doi.org/10.1016/j.molstruc.2022.134006
- Singh, D., Singh, V. K., Kumari, N., & et al. (2024). Exploring the binding mechanism of 5-HT7 specific benzoxazolone alkyl piperazinium derivatives: A comprehensive analysis using spectroscopic and computational approaches. *Journal of Fluorescence*. https://doi.org/10.1007/s10895-024-03846-y
- Kumari, N., Singh, D., Singh, P., & et al. (2024). Biological evaluation and binding mechanism of 5-HT7 specific arylpiperazinyl–alkyl benzothiazolone: Radiobiology and photo-physical studies. *Journal of Fluorescence*, *34*, 341–352. https://doi.org/10.1007/s10895-023-03266-4
- 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. https://doi.org/10.1016/j.chphi.2024.100691
- Mishra, A., Pooja, 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. https://doi.org/10.1016/j.molliq.2024.125788

- Adhikari, A., Chauhan, K., Adhikari, M., & Tiwari, A. K. (2024). Colony Stimulating Factor-1 Receptor: An emerging target for neuroinflammation PET imaging and AD therapy. *Bioorganic & Medicinal Chemistry*, *100*, 117628. https://doi.org/10.1016/j.bmc.2024.117628
- Singh, P., Singh, V. K., Kakkar, D., & Tiwari, A. K. (2024). An 18 kDa TSPO specific ligand-based polymeric nanoformulation: Synthesis, computational and biological studies. *New Journal of Chemistry*, *48*(21), 9498-9513. https://doi.org/10.1039/D4NJ00463A
- Kumari, N., Singh, P., Singh, D., Mishra, A., Kaul, A., Ojha, H., & Tiwari, A. K. (2023). Comparison of PIC and EDTA-coupled acetamidobenzoxazolone probes as a specific marker for an 18 kDa protein (TSPO). *New Journal of Chemistry*, *47*(12), 5701-5714. https://doi.org/10.1039/D2NJ06175A
- Saklani, M., Mathur, R., Tiwari, A. K., Mishra, A. K., & Varshney, R. (2023). Non-invasive evaluation of laminin-peptide (PGPIKVAV) hydrogel for wound imaging. *Journal of Nuclear Medicine*, *64*(Supplement 1), P583.
- Dixit, U., Singh, K., Mohan, S., Singh, A. K., & Kumar, A. (2023). Surface activity, mechanisms, kinetics, and thermodynamic study of adsorption of malachite green dye onto sulfuric acid–functionalized Moringa oleifera leaves from aqueous solution. Environmental Monitoring and Assessment, 196(1). https://doi.org/10.1007/s10661-023-12234-1
- Kumar, A., Singh, A. K., Singh, K., Mishra, A., Dixit, U., & Agarwal, A. (2024). Removal of sodium dodecyl benzene sulfonate using bagasse fly ash and surface functionalized modified fly ash from aqueous solutions. Journal of Surfactants and Detergents. https://doi.org/10.1002/jsde.12787
- Singh, K., Kumar, A., Singh, A. K., & Agarwal, A. (2023). Fly ash and TiO2 modified fly ash as adsorbing materials for effective removal of methylene blue and malachite green from aqueous solutions. Journal of the Indian Chemical Society, 100(3), 100942. https://doi.org/10.1016/j.jics.2023.100942.
- Singh, K., Singh, A. K., Kumar, A., & Agarwal, A. (2023). Fly ash and TiO2 modified fly ash as adsorbing materials for removal of Cd(II) and Pb(II) from aqueous solutions. Journal of Hazardous Materials Advances, 10, 100256. https://doi.org/10.1016/j.hazadv.2023.100256
- Prasad, M., Parmeswaran, A. M., & Singh, K. (2024). Transition Temperature versus Formula Mass of Selected High-TC Oxide Superconductors: A Step Closure to Room Temperature Superconductivity. Proceedings of the National Academy of Sciences India Section a Physical Sciences, 94(4), 387–390. https://doi.org/10.1007/s40010-024-00889-5
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- Rathi, K., Tiwari, O. S., Rawat, V., Jat, J. L., Yadav, D. K., & Verma, V. P. (2024). Zirconium oxide nano-catalyzed synthesis of pharmacologically important bis (indolyl) methanes: a highly efficient and mild approach. Organic & Biomolecular Chemistry, 22(16), 3287-3298.
- Verma, S., Singh, V., Jat, J. L., & Tiwari, B. (2024). Amidation of Enones via Beckmann Rearrangement. The Journal of Organic Chemistry, 89(11) 8201–8207.
- 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.

11. Participated/Paper presented in conferences/seminar/workshop inside country:

Prof. Kaman Singh

- Participated in 82nd STAI Annual Convention held at Jaipur from July 30-31, 2024.
- Organized National Seminar on "The Planing and Optimization of Resources for Bioenergy" on April 30, 2024 at NSI Kanpur.
- Participated in UP Distillery Association UPDA conference held at Lucknow on July 28-29, 2023.

Prof. Gajanan Pandey

i. Delivered Invited lecture in UGC refresher course organized by Lucknow University,2023.
ii. Delivered Invited lecture in MMTU, Gorakhpur
iii. Delivered invited lecture on model course content in chemistry in Vidya Bharti UchShikhshaVivhag ,NEP 2020 organized by DU, in March 2024
iv. Participated in International conference on Resurgent Bharat on global canvas, Feb 2024.

Dr Jyoti Pandey

- Invited lecture: Delivered a lecture as invited speaker on "Modified polysaccharide-based polymers and their multifaceted applications" at two days national conference "GREEN TECHNOLOGY & SUSTANABLE DEVELOPMENT" held on 30th-31st May 2024 at Department of Chemistry, NIT Patna, Patna, Bihar.
- Invited lecture: Delivered a lecture as invited speaker at Sweden/Egypt/India International Conference on "Water Purification and Management" held on 6th and 7th July 2024 at Mahatma Gandhi University, Kottayam, Kerala, India.

Dr. Shailesh Kumar

- Invited speaker in an International Conference on Chemical and Biological Sciences (ICCBS) scheduled from 27th January, 2024 to 29th January, 2024 at Atma Ram Sanatan Dharma College, University of Delhi
- Participated in NEP2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by UGC MMTTC, Goa University from 13.2.2024 to 21.02.2024

Dr Preeti Gupta

online oral presentation in 8th International Conference (ICRAS- 2024) on "Recent Advances in Science" on 14th and 15th of March 2024 at Invertis University, Bareilly.

12. Attended/participated in conference/seminar/workshop outside country:

Prof. Anjani Kumar Tiwari

- The 17th Biennial Meeting of the Asian-Pacific Society for Neurochemistry (19-21 June 2023, Singapore)
- KoreAnesthesia 2023, (Nov 7 to Nov 9, 2023) Seoul, South Korea
- 65 JSN & AOCN 2024 (May 29 to June 1, 2024), Tokyo, Japan
- IPET 2024. United Nation Office, (Oct 7 to Oct 11 2024),Vienna, Austria

13. Details of MOOC/online courses developed by the faculty:

- UGC-Sponsored Short Term Course on MOOCS, E-Content Development and Open Educational Resources (Online) atGoa University during 11.8.22 to 18.8.22
- **Research guidance:** Ph. D.: 01; MSc. Project: 11

14. Details of invited lectures inside country:

Prof. Gajanan Pandey

- Delivered Invited lecture in UGC refresher course organized by Lucknow University,2023.
- Delivered Invited lecture in MMTU, Gorakhpur
- Delivered invited lecture on model course content in chemistry in Vidya Bharti UchShikhshaVivhag ,NEP 2020 organized by DU, in March 2024

Dr Jyoti Pandey

•Invited lecture: Delivered a lecture as invited speaker on “Modified polysaccharide-based polymers and their multifaceted applications” at two days national conference “GREEN TECHNOLOGY & SUSTANABLE DEVELOPMENT” held on 30th-31st May 2024 at Department of Chemistry, NIT Patna, Patna, Bihar.
•Invited lecture: Delivered a lecture as invited speaker at Sweden/Egypt/India International Conference on “Water Purification and Management” held on 6th and 7th July 2024 at Mahatma Gandhi University, Kottayam, Kerala, India.

Dr. Shailesh Kumar

• Invited speaker in an International Conference on Chemical and Biological Sciences (ICCBS) scheduled from 27th January, 2024 to 29th January, 2024 at Atma Ram Sanatan Dharma College, University of Delhi

15. Details of invited lectures outside country:

Prof. Anjani Kumar Tiwari

- AOCN 2024 (May 29 to June 1, 2024) & at NIRS Japan

16. Details of International Awards/Fellowship:

Prof. Anjani Kumar Tiwari
Commissioned visiting researcher/ Professor,Department of advanced nuclear sciences, Quantum medical sciences directorate, National Institute of Radiological Sciences,Japan (2018-25)

17. Details of Research Projects (major and minor):

- Dr. Jyoti Pandey is running UPCST project as Principal Investigator (Project ID-1633), Project title: "Environment friendly and sustainable development of biomass-derived novel 3D structured modified galactomannan-based green hydrogels for environmental remediation" of total cost in Rs. 8,98,000/- for three years (awarded on 25.09.22, started on 25.11.22 to 24.11.25).

18. Details of patent filled/awarded:

Dr Jawahar:
A process for the synthesis of α, β-unsaturated amides, Jawahar L. Jat, Soumya Verma, Vikram Singh and Bhoopendra Tiwari
Indian patent (2023); Application No. 202311036104

19. Students achievements:

i) Faculty wise supervision of the Ph.D degree awarded:

S.No.	Students	Guide	Co-guide	Title	Felloshipaviled /aviling
1	**Mr. Deen Dayal Upadhyay**	Prof. Gajanan Pandey	--	Green synthesis of oxide supported metal nanoparticles and their catalytic applications in organic transformations	**UGC**
2	**Ms. Neelam Gautam**	Prof. Gajanan Pandey	--	Green Synthesis of Nanostructured Materials And Their Catalytic Activity	**UGC-JRF**
3	**Ms. Priya Singh**	Prof. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of TSPO Selective Ligands	
4	**Mr. Hariom Kumar**	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Novel 1,3,4-Thiadiazole Derivatives	**UGC**
5	Mr. **Kijay Bahadur Singh**	Prof. Gajanan Pandey	--	Green synthesis of metallic nanoparticles and their catalytic activity	**CSIR-JRF**

ii) Faculty wise supervision of the Ph.D degree submitted:

S.No.	Students	Guide	Co-guide	Title	Felloshipaviled /aviling
1	**Mr. Bal Dev Singh**	Dr. Jyoti Pandey	-	"Development of new chemotherapeutic agents based on aromatic and heterocyclic scaffolds"	**UGC**
2	**Ms. Snigdha**	Prof. Gajanan Pandey	--	Green synthesis, characterization and catalytic activity of nanoscale materials	**UGC**
3	**Ms. Meenakshi Saklani**	Prof. Anjani Kumar	Dr. Raunak, Sc. E INMAS, DRDO-Delhi	Peptidic agent for angiogenesis	**DRDO fellowship**

		Tiwari			
4	**Mr. Utkarsh Dixit**	Prof. Kaman Singh	---	AdsorptiopnEquliberiumStudies of Dye Adsorption Onto Modified Adsorbents	**UGC-JRF**

iii) Faculty wise supervision of the student pursuing Ph.D degree:

S.No.	Students	Guide	Co-guide	Title	Felloshipaviled/aviling
1.	**Ms Ayushi Mishra**	Dr. Jyoti Pandey	--	Relevance Of Adsorption Models For The Removal Of Carcinogenic Pollutants By Modified Adsorbents	**UGC**
2.	**Mr. Presenjit**	Prof. Kaman Singh	-	Evaluation of Schiff base of d and f block elements for biological activities	**UGC**
3.	**Mr. Vijay Kumar Singh**	Prof. Anjani Kumar Tiwari		Synthesis and Biological Evaluation of Purinergic Receptor Ligands	**UGC**
4.	**Mr. Chandraprakash Gond**	Prof. Anjani Kumar Tiwari		Cheminformatics' (QSAR & Docking) Study for Screening of Novel Ligands for Neuro/Onco Targets	**NFSC**
5.	**Ms. Preeti Kanchan**	Dr. Jyoti Pandey	-	**"**Modification of polysaccharide-based materials: Synthesis, characterization and applications"	**UGC**
6.	**Ms. Ruchi Singh**	Dr. Jyoti Pandey	-	Synthesis and characterization of biopolymer based hydrogels and their application	**UGC**
7.	**Ashutosh Kharwar**	Prof. Anjani Kumar Tiwari		Design and evaluation of novel markers for specific rceptors	**UGC**
8.	**Ashirwad Diwedi**	Dr. Jawahar Lal Jat		Development of new synthetic methodology for the synthesis of nitrogen containing compound using aminating agents and their bioevaluation	**CSIR-JRF**
9.	Akanksha Verma	Prof. Anjani Kumar Tiwari		Innovative cheminformatic studies and metal-based approaches for biological/allied applications	**UGC**
10.	Mariyam Akhtar	Dr. Shailesh Kumar		Synthesis, Characterization And Biological Applications Of Chitosan Based Drug Conjugates	**UGC**
11.	Shivam	Dr. Jawahar Lal		Development of Novel	**UGC**

	Bhargav			synthetic Methodologies for the Synthesis of N and O-Containing Motifs Using Electrophilic Hydroxylamine	
12.	Akanksha Mishra	Prof. Anjani Kumar Tiwari		Design, synthesis and biological evaluation of specific probes for CNS receptos	**UGC**
13.	Chandan Sharma	Prof. Gajanan Pandey		Fabrication of Inorganic-Organic Hybrid Nanocomposites and their Application in Photoelectrochemical Water Splitting and Degradation of Organic Pollutants.	**UGC**
14.	Srishti Dwivedi	Prof. Gajanan Pandey		Nanocatalysts: Fabrication, Structure Eluciadation& Its Application in Stereoselective Organic Transformations	**UGC**
15.	Nitika	Prof. Gajanan Pandey		Synthesis of Heterojunction Nanocomposites and its Application in Photocatalysis	**UGC**
16.	Akash singh	Dr. Preeti Gupta		Design, Synthesis And Biological Studies Of Novel Thiadiazole-Based Triazole Hybrids	**UGC**

iv) Faculty wise supervision of the M.Phil degree awarded:
v) Faculty wise supervision of the M.Phil dissertation submitted:
vi) Faculty wise supervision of the student pursuing M.Phil degree:
vii) Accomplishments of students:

20. Google profile of the faculty members, if available:

Prof. Kaman Singh : Citations (402); h-index (11); i10- index(13)

	All	Since 2018
Citations	402	240
h-index	11	11
i10-index	13	12

Prof. Gajanan Pandey : Citations (1655); h-index (19); i10- index(42)

	All	Since 2018
Citations	1655	1321
h-index	19	17
i10-index	42	30

Prof. Anjani Kumar Tiwari : Citations (1901); h-index (25); i10- index(45)

	All	Since 2018
Citations	1901	1065
h-index	25	17
i10-index	45	32

Dr. Jyoti Pandey : Citations (2362); h-index (23); i10- index(51)

	All	Since 2018
Citations	2362	1261
h-index	23	18
i10-index	51	25

Dr. Shailesh Kumar :

	All	Since 2019
Citations	313	186
h-index	12	10
i10-index	13	10

Dr. Preeti Gupta : Citations (525); h-index (12); i10- index(15)

	All	Since 2019
Citations	525	381
h-index	12	10
i10-index	15	10

Dr. Jawahar Lal : Citations (805); h-index (14); i10- index(17)

	All	Since 2018
Citations	805	579
h-index	14	12
i10-index	17	15

Department of Mathematics

The Department of Mathematics was established in July 2010 under the name of the Department of Applied Mathematics and Statistics. In 2012, the Department of Applied Mathematics and Statistics was divided into two separate departments – the Department of Applied Mathematics and the Department of Applied Statistics. The Department of Applied Mathematics was renamed as the Department of Mathematics in 2017. The department has seven faculty members who are highly dedicated to their profession. The faculty members are well-qualified and have vast teaching and research experience, and are experts in different areas of mathematics. They also have a good number of national and international research publications. Some Faculty members have completed their UGC-sponsored research projects. For more details, please go through the faculty profiles. Ten research scholars have been awarded with the doctoral degree so far.

The Department of Mathematics aspires to become a centre of excellence in Mathematics through high-quality research and teaching. The department strives to earn national and international recognition for its expertise in the field of research and teaching of mathematics and to build a community that champions and promotes a mathematician in everyone.

1. Course Offered:

i. M. Sc Mathematics.
ii. Ph. D. Mathematics.

2. Facilities available in the department:

i. Computer Laboratory.
ii. Smart Classroom.
iii. Departmental Library.
iv. ICT Facilities

3. Details of Faculty:

i. **Prof. Beer Singh Bhadauria**
Senior Professor
Specialization: Fluid Mechanics, Nanofluids, Mathematical Modelling, Numerical Methods.
Qualification:M.Sc., JRF (NET), Ph.D., D.Sc.

ii. **Prof. Sunil Kumar Singh**
Professor, Head of Department
Specialization: Wavelet Analysis, Integral Transforms and Distribution Theory.
Qualification: Ph.D.(BHU, Varanasi).

iii. **Prof.Jagmohan Tanti**
Professor
Specialization: Algebra, Number Theory.
Qualification: Ph.D. (University of Pune).

iv. **Dr.Brajesh Kumar Singh**
Assistant Professor
Specialization: Cryptography.
Qualification: Ph.D. (IIT, Roorkee).

v. **Dr.Maitri Verma**
Assistant Professor
Specialization: Mathematical Modeling of environmental and ecological systems.
Qualification: M.Sc., M.Phil., Ph.D.

vi. **Dr. Mukesh Kumar Awasthi**
Assistant Professor
Specialization: Interfacial Instability, Heat and Mass Transfer, Magneto-hydrodynamics.
Qualification: M.Sc., JRF (NET), Ph.D.

vii. **Dr. Gopal Datt**
Assistant Professor
Specialization: Complex Analysis.

Qualification: M.Sc., JRF (NET), Ph.D.

4. Details of Seminar / Conference organized by the department:

i. **Department of Mathematics** in association with the Institution's Innovation Council (IIC) & Centre for Innovation, Incubation and Entrepreneurship of B.B.A. University, Lucknow, Organized a Workshop on the Topic "Business Model Canvas (BMC)" on 23rd May 2023.

5. Other departmental-level Academic Activities:

i. **Department of Mathematics** celebrates National Mathematics Day on the 136th Birth Anniversary of Sri Srinivasa Ramanujan (December 22, 2023).

ii. **Department of Mathematics**conducted an online Math-Quiz contest on National Mathematics Day(December 22, 2023).

iii. **Department of Mathematics**conducted Poster-Presentation competition on **National Mathematics Day(December 22, 2023).**

6. Visitors of the Department from inside the country (during 01.04.2023-31.03.2024)

(i) Prof. Ram Bilash Misra, Ex-Professor, Dept. of Mathematics, APS University, Reewa (M.P.) and Ex Vice-Chancellor of VBSP University, Jaunpur (U.P.)

(ii) Prof. Ashok Kumar Singh, Ex-Professor, Department of Mathematics, BHU, Varanasi (U.P.)

7. Members/fellowship of professional/academic bodies/ editorial board:

i. **Prof. Beer Singh Bhadauria**

a) Forum for Interdisciplinary Mathematics, **USA**. -Life member
b) Indian Mathematical Society **(IMS)** India. -Life member
c) Indian Science Congress, Kolkata India. -Life member
d) Rajasthan Ganit Parishad, Ajmer India. -Life member
e) Indian Society of Mathematics and Mathematical Sciences (**ISMAMS**), Gorakhpur India. -Life member
f) Calcutta Mathematical Society, Kolkatta, India. -Life member
g) Gwalior Academy of Mathematical Sciences, Gwalior, India. -Life member
h) Wider Association for Vedic Studies (Waves), New Delhi, India. -Life member
i) Indian Academy of Mathematics, Indore, India. -Life member
j) The Bharat Ganita Parishad, Lucknow, India. -Life member
k) The Vijnana Parishad of India. -Life member
l) Mathematical Society-Banaras Hindu University, Varanasi. -Life member
m) Indian Society of Mathematical Modeling and Computer Simulations, IIT Kanpur. -Life member

ii. **Prof. Sunil Kumar Singh**

a) Mathematical Society, Banaras Hindu University, Varanasi. -Life member

iii. **Prof.Jagmohan Tanti**

a) Indian Mathematical Society. -Life member

iv. **Dr.Maitri Verma**

a) Indian Mathematical Society. -Life member
b) Indian Science Congress Association. -Life member
c) Indian Society for Mathematical Modeling and Computer Simulation. -Life member
d) Biomathematical Society of India -Life member

v. **Dr. Mukesh Kumar Awasthi**

a) International Association of Engineers -Life member

(IAENG) (Member ID- 122208)

b) International Association of Computer Science and Information Technology (Member ID- 80343277). - Life member

c) School Board, School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow. - Member

vi. **Dr. Gopal Datt**

a) Ramanujan Mathematical Society (Member ID-1536) - Life member

b) Indian Mathematical Society Affiliated member of the American Mathematical Society. - Life member

c) American Mathematical Society. -Affiliated member

d) Board of Post Graduate Studies (BPGS), Department of Mathematics, SPDS,BBAU, Lucknow. -Member

e) Board of Under Graduate Studies (BUGS), Department of Commerce -Member

8. Details of Book written/edited by faculty members: -

i. Reshu Gupta and M. K. Awasthi, "Modeling and Simulation of Fluid Flow and Heat Transfer" CRC Press (Taylor and Francis Group) 14 March 2024 (Scopus Indexed). **DOI:** https://doi.org/10.1201/9781032712079.

9. Details of Book Chapter in edited volume/ conference volume:

(i) Ismail, **B.S. Bhadauria**, Shilpee, Effect of magnetic-field modulation on the instability of micropolar nanofluid filled within Hele-Shaw cell. International Conference on Mathematical Modelling, Applied Analysis and Computation (2023) pp. 83-104

(ii) Anish Kumar, **B.S. Bhadauria**, Brijesh Kumar Singh, Awanish Kumar, The Combinatorial Impact of Through-Flow and G-Jitter on Instability Exploration of a Rotating Layer of Nano-Liquid with the Magnetic Field.International Conference on Mathematical Modelling, Applied Analysis and Computation (2023) pp. 343-367

(iii) Awanish Kumar, **B.S. Bhadauria**, Anurag Srivastava, Study of heat and mass transfer in a composite nanofluid layer, Frontiers in Industrial and Applied Mathematics: FIAM-2021, Punjab, India, December 21–22 pp.229-250 (2023)

(iv) Anurag Srivastava, **B.S. Bhadauria**, Convective Instability in a Composite Nanofluid Layer Under Local Thermal Non-equilibrium, Frontiers in Industrial and Applied Mathematics: FIAM-2021, Punjab, India, December 21–22 pp.109-133 (2023).

(v) Awanish Kumar, **Beer Singh Bhadauria**, Study the combined effect of electric field and variable viscosity on the stability of dielectric nanofluid (CuO+ water) within a Hele–Shaw cell, Proc. Of Inst. Of Mech. Engineers, Part E: **J. of Process Mech. Engg** (2023) https://doi.org/10.1177/09544089231160586. **IF: 1.822**

(vi) SN Rai, **B.S. Bhadauria**, A Srivastava, A Kumar, Thermal instability in Hele-Shaw Cell with variable forces for Rivlin-Ericksen Nanofluid, Computational Fluid Flow and Heat Transfer, (2024) pp 212-234. Ebook: 9781003465171CRC Press.

(vii) Anish Kumar, BS Bhadauria, Nonlinear exploration of Oldroyd-B nano-liquid filled in Hele-Shaw cell under several types of gravity modulation with a thermal difference, *AIP Conference Proceedings*. 3025, 030008 (2024).

(viii) SN Rai, BS Bhadauria, Heat/mass transport in walter-B nanoliquid filled in hele-shaw cell under 3-types of g-Jitters with magnetic field, *AIP Conf. Proc.* 3025, 030011 (2024).

(ix) Singh, A., Raghuthaman, N., **Singh, S. K. (2024).** Ultradistributional Wavelet Transform for the Convolutors of S_ω. In: Singh, J., Anastassiou, G.A., Baleanu, D., Kumar, D. (eds) Advances in Mathematical Modelling, Applied Analysis and Computation. ICMMAAC 2023. Lecture Notes in Networks and Systems, vol 953. Springer, Cham. https://doi.org/10.1007/978-3-031-56304-1_15.

(x) 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 (2024) 70-85

10. Paper published during the year by the faculty members (during 01.04.2023- 31.03.2024):

i. C. P. Pandey, KhetjingMoungkang, Sunil Kumar Singh, M. M. Dixit and Mopi Ado, The ContinuousWavelet Transform in Sobolev Spaces Over Locally Compact Abelian Group and Its Approximation Properties, International Journal of Analysis and Applications, Vol. 21 (139), DOI: https://doi.org/10.28924/2291-8639-21-2023-139.

ii. D. Mahto and J. Tanti, Invariant bilinear forms under the operator group of order p^3 with odd prime p, **Proyecciones Journal of Math**., Vol. 42, No. 6 (2023), pp: 1391-1415.

iii. M. Kumari and J. Tanti, Cryptography using multinacci block matrices, **Int. J. Nonlinear Anal. Appl**., http://dx.doi.org/10.22075/ijnaa.2023.29918.4295, (2023).

iv. DV Singh,PK Tiwari, **Maitri Verma**, A nonautonomous model for the effect of rarity value on the dynamics of a predator-prey system with variable harvesting, *Mathematical Methods in Applied Sciences*, 47(7) (2024) 5764-5797[***Impact Factor: 2.1***]

v. **Maitri Verma**, Alok Kumar Verma, Cherie Gautam, Mathematical modeling of mitigation of carbon dioxide emissions by controlling the population pressure, *Journal of Engineering Mathematics*142 (2023) 2. [***Impact Factor: 1.4***]

vi. **Maitri Verma**, Divakar Vikram Singh, Dynamic study of a ratio-dependent predator-prey model with strong Allee effect and nonlinear harvesting, *Journal ofBiological Systems 31(2023) 1287-1317*.[***Impact Factor: 1.3***]

vii. A.K. Misra, Kuldeep Kumar Tripathi, **Maitri Verma,** Modeling the effects of psychological fear and media-induced awareness on the dynamics of infectious diseases,*Discrete and Continuous Dynamical Systems-B*, 29(2) (2024) 909-936 [***Impact Factor: 1.1***]

viii. **Maitri Verma**, Cherie Gautam, Kalyan Das, Control of atmospheric carbon dioxide level through integrated carbon taxation-reforestation policy: A modeling study, *European Physical Journal Plus*138 (2023) 552**[*IF: 2.8*]**

ix. D. Yadav, S. B. Nair, **M. K. Awasthi**, R. Ragoju, K. Bhattacharyya, "The Linear and nonlinear investigations of the impact of chemical reaction on the thermohaline convection in a permeable layer saturated with Casson fluid" Physics of Fluids 36 (2024) 014106.

x. S. Singh B. Sengupta, **M. K. Awasthi**, V. Kumar, "Insight on the flow physics of shock-driven elliptical gas inhomogeneity with different Atwood numbers" Int. J. Math. Engg. Manag. Sci 9 (2024) 1-22.

xi. **M. K. Awasthi**, N. Dutt, A. Kumar, and S. Kumar, "Electrohydrodynamic capillary instability of Rivlin–Ericksen viscoelastic fluid film with mass and heat transfer" Heat Transfer 53 (2024) 115-133.

xii. **M. K. Awasthi**, A. K. Shukla, S. Agarwal, A. K. Singh and P. Shukla, "Stability analysis of Rivlin-Ericksen fluid film with heat transfer through an annular porous medium" Spe. Topics Reviews Porous Media 15 (2024) 25-39.

xiii. P. N. Reddy, V. Verma, A. Kumar, **M. K. Awasthi**, "CFD Simulation and Thermal Performance Optimization of Flow in a Channel with Multiple Baffles" J. Heat Mass Tran. Research 10 (2023) 257-268.

xiv. A. K. Shukla, **M. K. Awasthi**, S. Agarwal, "Stability analysis of spherical viscous fluid-Oldroyd B viscoelastic fluid interface: A Viscous Potential Flow approach", Chinese Journal of Physics 86 (2023) 148-159.

xv. **M. K. Awasthi**, A. K. Shukla, A. K. Singh and P. Shukla, "Interfacial instability analysis of viscous-viscoelastic fluid interface in an annular porous medium" J. Porous Media 26 (2023) 1-13.

xvi. D. Yadav, S. Al-Balushi, **M. K. Awasthi**, T. Al-Hadi, R. Al-Abri, J. Al-Wahaibi, F. Al-Nasseri, S. Al-Siyabi, R. Ragoju and K. Bhattacharyya, "Connvective flow of ethylene glycol-silver Jeffery nanofluid in a Hele-Shaw cell with an influence of external magnetic field", Asia-Pacific Journal of Chemical Engg. 18 (2023) e2884.

xvii. Gopal Datt, Improvements to the Montel-Carathéodory Theorem for families of -valued holomorphic curves, Complex Variables and Elliptic Equations, DOI:10.1080/17476933.2024.2310218.

xviii. Gopal Datt, On Lappan's five-valued theorem for \varphi-normal functions of several variables, Ukrainian Mathematical Journal, 74 (2023) 1463–1470.

xix. SN Rai, Beer S Bhadauria, Anurag Srivastava, Anish Kumar,Thermal instability in walter-b nanoliquid filled in Hele-shaw cell under 3 types of magnetic field modulation with throughflow, Special Topics & Reviews in Porous Media: An Int J.14(6) (2023) 69-91

xx. Anurag Srivastava, B.S. Bhadauria, Heat and mass transfer, and chaotic convection in nanofluids, Journal of Nanofluids, 12(4) 904–918 (2023).(IF-1.739) Scopus Q3

xxi. A Srivastava, B.S. Bhadauria, Thermal Instability of Blood-Copper Casson Nanofluid Saturated Porous Medium under LTNE, Rotation, and Through-Flow, Journal of Porous Media26(8) 1-19 (2023) Scopus IF: 1.782 Q2

xxii. AwanishKumar,B.S. Bhadauria, Heat and mass transport in a nanofluid layer using a thermal nonequilibrium model confined within a hele-shaw cell under the effect of gravity modulation, Journal of Porous Media26(6) 101-131 (2023) Scopus IF: 1.782Q2

xxiii. Shobh Nath Rai, B.S. Bhadauria, Anish Kumar, BK Singh, Thermal Instability in Nanoliquid Under Four Types of Magnetic-field Modulation within Hele-shaw Cell, ASME J. Heat and Mass Transfer, 145(7): 072501 (12 pages) (2023).IF: 1.855

xxiv. Anish Kumar, B.S. Bhadauria, Awanish Kumar, SN Rai, Effect of different types of gravity modulation on the instability of micro-polar nano-fluid of finite extent in horizontal directions, Chinese Journal of Physics, Vol.84 (2023) 312-329. IF: 3.957

xxv. AwanishKumar,B.S.Bhadauria, Shilpee, Instability analysis of Tri-Hybrid nanofluid under three types of gravity modulation,Journal of Nanofluids, 12(5) 1424–1439 (2023).(IF-1.739) Scopus Q3

xxvi. S.N. Rai,B.S.Bhadauria, "Thermal instability in electrically conducting nanoliquid filled in Hele-Shaw cell under 3-types of rotational-speed modulation with impact of through-flow and magnetic-field". Chinese Journal of Physics. 84 (2023) pp. 292-311. IF-3.957

xxvii. SN Rai, BS Bhadauria, Anurag Srivastava, Study of Thermal-Instability in Nanoliquid (Walter-B Viscoelastic) within the Hele-Shaw Cell Under Thermal-Modulation Using Cubic Ginzburg-Landau (GBL) Equation, Journal of Nanofluid, 12(8) (2023) 2129-2143.(IF-1.739) Scopus Q3

xxviii. Ismail, B.S Bhadauria Effect of three types of gravity modulation on Rivlin Ericksen nanofluid saturated in porous medium with internal heating. Journal of nanofluidsVol.12(8) (2023) 2245-2262. (IF-1.739) Scopus Q3

xxix. Ismail, B.S Bhadauria, Awanish Kumar, Anurag Srivastava, Effect of three types of Magnetic-Field Modulation and Different Shapes of nanoparticles on the instability of nanofluid($Al_2O_3 + H_2O$) Saturated porous medium with internal heating. Journal of nanofluidsVol.12(8) (2023) 2115-2128 (IF-1.739) Scopus Q3

xxx. Shilpee, B. S. Bhadauria, Combined Effect Of Local Thermal Nonequilibrium And Gravity Modulation On Thermal Instability In Micropolar Nanofluid Saturated Porous Media, Journal of Porous Media27(2) (2024) 81-99 Scopus IF: 1.782Q2

xxxi. Ismail, B.S. Bhadauria, Effect of thermal instability on heat transfer of micropolar nanofluid saturated in porous medium with rotation, Numerical Heat Transfer, Part B (2023) 1-26. IF- 1.378

xxxii. B. S. Bhadauria, Anish Kumar, Awanish Kumar, S. N. Rai, The Combined Effect of Gravity Modulation and Throughflow on Thermal Instability in the Hele-Shaw Cell Filled with Oldroyd-B Nanofluid, Journal of Nanofluid, 12(7) (2023) 1681-1697.(IF-1.739) Scopus Q3

xxxiii. Ismail, B.S. Bhadauria, Anurag Srivastava, Effect of rotation on thermal instability under Hele-Shaw cell saturated by Casson nanofluid, International Journal of Modern Physics B, Vol. 38(29), 2450405 (2024)IF- 1.378

xxxiv. Ismail, BS Bhadauria, A Kumar, SK Rawat, M Yaseen, Thermal instability of Tri-hybrid Casson nanofluid with thermal radiation saturated porous medium in different enclosures, Chinese Journal of Physics, 87 (2024)710-727 IF-3.957 Q1

xxxv. BS Bhadauria, M Yaseen, SK Rawat, 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 (2024) 17-38

xxxvi. SN Rai, BS Bhadauria, A Kumar, A Kumar, Study of Thermal Instability in Magneto-Convection Nanoliquid Confined within Hele-Shaw Cell Under Three Types of Thermal/Gravity Modulation, Journal of Nanofluids 13 (2), (2024) pp. 464-480

11. Attended/Participated in conference/seminar/workshop outside the country:

Dr. Gopal Dattattendedthe International Conference: Recent Trends in Mathematics, which was held on March 4–6, 2024, at Sultan Qaboos University, Muscat, Oman.

12. Details of invited lecture inside the country:

i. **Prof. BS Bhadauria**, delivered an invited lecture on the topic "Theoretical and Numerical Study of Natural Convection under Modulation" in the International Conference organized by Department of Mathematics, RSM University, Lucknow on 23.02.2024.

ii. **Prof. BS Bhadauria**, delivered two lectures in Short Term Course, organized by the Department of Mathematics, Integral University, Lucknow on 14.10.2023 on the topics; "Theoretical and Numerical Techniques to solve Differential Equations".

iii. **Prof. Jagmohan Tanti** delivered an invited Lecture entitled "A survey to Fermat's Last Theorem" in the ***Department of Mathematical Sciences, Tezpur University*** on 21st April, 2023.

iv. **Mukesh Kumar Awasthi** delivered an invited talk in the two-day Online workshop on the application of mathematical modeling to real-life problems on the topic "**Modeling of free-surface instabilities**" organised by Division of Mathematics, School of Advances Sciences, VIT, Chennai during October 26-27, 2023.

v. **Mukesh Kumar Awasthi** delivered an invited talk in the five-day online Faculty Development Programme on "Mathematical Modelling in Solid and Fluid Dynamics" on the topic "**Irrotational flow theory and interfacial instability**" organised by Division of Mathematics, School of Advances Sciences, VIT,

13. Details of invited lecture outside the country:

i. **Dr. Gopal Datt**delivered a talk at the One week Summer workshop held in M.B.G.P.G. College, Haldwani, Uttarakhand, June 07-15, 2024.

ii. **Dr. Gopal Datt**delivered a talk titled "Montel-Caratheodory theorem for families of Pn-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.

iii. **Dr. Gopal Datt**delivered an invited talk titled "Normal families on complex manifolds" in the 30th 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

14. Details of National Award/fellowship:

i. **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.

ii. **Prof. B.S. Bhadauri**a 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.

iii. **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.

15. Details of Research Projects (major/minor):

Name of the Faculty	Title of Projects	Funding Agency	Duration (Specific Dates)	Total grant (in Rs.)	Role (PI/CO-PI)
Dr. Jagmohan Tanti	National Board for Higher Mathematics (NBHM)	3 years received on 12th Oct. 2023	Rs. 3,75000.00	PI	National Board for Higher Mathematics (NBHM)

16. Details of patents filled/awarded.

Name of the Faculty	Patent Number	Title of the patent	Year of Award / publish of patent
Dr.Mukesh Kumar Awasthi	6307054	Smart Portable Industrial Hydraulic Drum Lift Machine	11/09/2023

17. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	M.Sc.	33
Number of Student selected in Civil Services	NA	NA
Number of student pursuing higher studies	Ph.D.	02
Number of student selected on othergovernment jobs/banking/school teaching etc	Post Graduate Teacher	02
	Assistant Professor	02
	Lecturer	01

ii. Ph. D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
1	Anurag Srivastava	Prof. B.S. Bhadauria	-----	Instability in Nanofluids Under LTE and LTNE	University Fellowship
2	Awanish Kumar	Prof. B.S. Bhadauria	-----	Convection in Nanofluids Under Various Configurations	UGC-SRF Fellowship
4	Shivam Agarwal	Dr. Mukesh Kumar Awasthi	------	Some Problems On Interfacial Instabilities	CSIR-SRFFellowship
5	Alok Kumar Verma	Dr.Maitri Verma	----	Mathematical modeling and analysis of emission and mitigation of global warming gases	CSIR- SRF

iii. Ph.D. thesis submitted during the year:

	Anish Kumar	Prof. B.S. Bhadauria	-----	Heat transfer in nanofluids under various configurations	CSIR- SRF Fellowship
	Shilpee	Prof. B.S. Bhadauria	-----	Heat transfer in nanofluids under LTE and LTNE	University Fellowship
	Ismail	Prof. B.S. Bhadauria	-----	Convective Instability in nanofluids under various configurations	UGC- SRF
	Atul Kumar Shukla	Dr. Mukesh Kumar Awasthi	----	Interfacial stabilities in confined geometries	UGC-SRF Fellowship

iv. Ph. D student's Pursuing

1.	Cherie Gautam	Dr.Maitri Verma	-----	**Mathematical modeling and analysis of the control of atmospheric carbon dioxide concentration**	UGC-JRF Fellowship
2.	Kuldeep Kumar Tripathi	Dr.Maitri Verma	-----	Mathematical modeling and analysis of the effects of fear and awareness programs on the dynamics of infectious diseases	UGC- SRF
3.	Angad Kumar	Prof. B.S. Bhadauria	---------	----------	University Fellowship
4.	Rohit Kannajiya	Prof. B.S. Bhadauria	---------	----------	UGC-JRF Fellowship
5.	Soumya Singh	Dr. Sunil Kumar Singh	Dr. Karm Veer Singh	Wavelet Transform and its Generalization with Applications	University Fellowship
6.	Km Jyoti	Prof. Sunil Kumar Singh	---------	----------	Non-Net Fellowship
7.	Prachi Rathi	Prof. Sunil Kumar Singh	---------	----------	Non-Net Fellowship
8.	Anmket Kumar Bharti	Prof. Sunil Kumar Singh	---------	----------	Non-Net Fellowship
9.	Akansha	Prof. J. Tanti	---------	----------	National Fellowship
10.	Sonam	Prof. J. Tanti	---------	----------	Non-Net Fellowship
11.	Satyam Shukla	Prof. J. Tanti	---------	----------	Non-Net Fellowship
12.	Vashu Dev	Prof. J. Tanti	---------	----------	Non-Net Fellowship
13.	Pragati Pandey	Dr. Mukesh Kumar Awasthi	---------	----------	Non-Net Fellowship
14.	Priya Bharati	Dr. Gopal Datt	---------	----------	Non-Net Fellowship
15.	Ritesh Pal	Dr. Gopal Datt	---------	----------	Non-Net Fellowship

v. Any other special achievements recorded by the students:

vi. Student publications:

Sl. No.	Name of Student/Scholar	Books	Book Chapters	Papers in UGC listed journal	Papers in other peer review journal

18. Google profile of the faculty members

i. Prof. B.S. Bhadauria
https://scholar.google.com/citations?user=ypqQ6mwAAAAJ&hl=en

	All	Since 2019
Citations	3758	1962
h-index	37	26
i10- index	93	69

ii. **Prof. Sunil Kumar Singh**
https://scholar.google.co.in/citations?user=N4T7hlEAAAAJ&hl=en

	All	Since 2019
Citations	123	52
h-index	7	5
i10- index	5	1

iii. **Dr. Jagmohan Tanti**
https://scholar.google.co.in/citations?user=9PMyGWIAAAAJ&hl=en

	All	Since 2019
Citations	74	69
h-index	5	5
i10- index	2	1

iv. **Dr.Brajesh Kumar Singh**
https://scholar.google.co.in/citations?user=HdAWQGQAAAAJ&hl=en

	All	Since 2019
Citations	1360	978
h-index	20	19
i10- index	36	32

v. **Dr.Maitri Verma**
https://scholar.google.co.in/citations?user=sejhHvUAAAAJ&hl=en

	All	Since 2019
Citations	527	454
h-index	13	13
i10- index	14	14

vi. **Dr. Mukesh Kumar Awasthi**
https://scholar.google.co.in/citations?user=Dj3ktGAAAAAJ

	All	Since 2019
Citations	1778	1158
h-index	23	19
i10-index	50	36

vii. **Dr. Gopal Datt**
https://scholar.google.co.in/citations?user=A0jhEw4AAAAJ&hl=en

	All	Since 2019
Citations	24	10
h-index	3	2
i10-index	1	0

Department of Physics

The Department was set up in the year 2010. Itwasinitially run with coordinator in-charge and some guest faculty members. In2011 regular faculty members were appointed in the last few years, the overwhelming responses werereceived from the students. However, due to the limitation of the physical infrastructure, many students were not enrolled despite the keen interest of candidates from various states of the country. In the present Departmentis trying to attract a few International students for their research activities, after the issuance of guidelines from university for international students. Presently fourteen students are pursuing Ph.D. in the field of Condensed Matter Physics, Materials Science, Nano-Science & Nano-Technology, Nuclear Physics, Theoretical modelling (initio/DFT methods), and Space Physics. Computational Biophysics etc. **38 students have been awarded their Ph.D. degrees** till date. The Department is running P.G. programme viz. M.Sc. (Physics) with the intake of 50 students. Ph.D. student's intake is as per academic ordinance. **Syllabi of both programmes M.Sc. & Ph.D. have been restructured as per New Educational Policy (NEP) 2020**. Our students are qualifying various competitive exams UGC/CSIR (NET, GATE, JEST etc.) and securing Ph.D. admissions to reputed institutions like *I.I. Sc,*IITs, IISERs, etc. Several students have been selected for RGNF in last 5 years. **More than one dozen students have been selected in reputed institutions of the country and abroad for Post-Doctoral studies.**Awell-equipped laboratory is functional in the Department for M.Sc. students. Also Department has well-equipped research laboratory for the synthesis of Nano-Materials and their applications as various types of sensors and Computational laboratory for initio/DFT studies as applicable to Liquid crystal/Cluster studies/Chemical Physics/Computational Biophysics for Ph.D. students
Departmental faculty members have UGC, **UPCST and DST** sponsored major research projects. They are working in the field of Nano-materials, Energy harvesting devices, Sensors, Molecular modelling, Theoretical Physics Applied Optics, Nuclear Physics, Space and Atmospheric Sciences etc.

1. Course Offered:

I. M.Sc. (Physics)
II. Ph.D. (Physics

2. Facilities available in the department:

i. M.Sc. Laboratory (General)
ii. M.Sc. (Optoelectronics)
iii. Advance Optoelectronics
iv. Applied Optics Research Laboratory
v. Condensed Meter Research Laboratory
vi. F.I.S.T Laboratory
vii. Nanomaterials& Sensor's Research Laboratory
viii. Smart Classroom.
ix. Departmental Library.
x. Departmental Computer Laboratory

3. Details of Faculty:

i. Prof. Bal Chandra Yadav
Professor & Head, DoP, Dean, SPDS
Specialization: Nanoscience, Materials Science,Opto-Electronics, Sensors & Devices
Qualification: Ph. D., M.N.A. Sc., F.N.A.Sc. Brain Pool International Fellow.

ii. Prof. Devesh Kumar
Professor
Specialization: Simulations of intermolecular interactions in mesogens and biological molecules
Qualification: Ph.D., D.Sc, M.N.A. Sc, Ramanujan Fellow.

iii. Dr. Ramesh Chandra
Associate Professor
Specialization: Nuclear double beta decay, Nuclear and particle astrophysics

Qualification: Ph.D.

iv. Dr. A.K. Yadav
Associate Professor
Specialization: Materials Science,Nanoscience, Ultrasonics, Theoretical modeling
Qualification: Ph.D.

v. Dr. Devendra Singh
Assistant Professor
Specialization: Applied Optics, Theoretical modelling
Qualification: Ph.D.

vi. Dr. Khem Bahadur Thapa
Assistant Professor
Specialization: Materials Science, Applied Optics
Qualification: Ph.D.

vii. Dr. Ajeet Kumar Maurya
UGC-Assistant Professor (Recharge Program)
Specialization: Space and Atmosphere Physics
Qualification: Ph.D.(NET-Physics), Ramanujan Fellow (SERB, DST), Dr.D.S.Kothari Postdoctoral Fellow
(UGC), Fulbright-Nehru Postdoctoral Fellow (USA), Visiting Researcher-Nagoya University, Japan

4. Details of the Seminar/Conference/Webinar organised by theDepartment:
i. National Science Day: **01**
ii. National Conference (Virtual): 01
iii. DST-STUTI:-01

5. Other Departmental level AcademicActivities :
i. Alumni Meet
ii. Parents Teacher Meeting
iii. Special Lectures

6. Visitors of Department from inside the country (during01.04.2023 to 31.03.2024) :03

7. Visitors of Department from Outside the country (01.04.2023-31.03.2024) :07

8. Members/fellowship of professional/Academic bodies/editorial board (Kindly don't furnish confidential work)

i. Prof. B.C. Yadav

a. Indian Science Congress Association (**ISCA**) Life member
b. Optical Society of India (**OSI**) Life member
c. Materials Research Society of India (**MRSI**) Life member
d. National Academy of Sciences, India Allahabad Life member
e. Indian Physics Association (IPA) Mumbai, Maharashtra state Life member
f. National Academy of Sciences, India Fellow
g. International Brain Pool Fellow
h. Research fellow of INTI international University, Malaysia
i. American Journal of Optics and Photonics, Science Publishing Group, USA.
j. Lucknow Journal of Science, **Print ISSN:** 0974-8121, **Online ISSN:** 0974-813X, **Publisher:** Lucknow University Teacher's Academic Publication Society.
k. International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347- 2189, E-
l. ISSN 2347-4971.
m. International Journal of Sensors and Sensor Networks, Science PG

ii. Prof. Devesh Kumar

a) The World Association of Theoretical and Computational Chemists (WATOC) Life member
b) Society of Biological Inorganic Chemistry (SBIC) Life member
c) National Academy of Science, India Life member
d) American Chemical Society Life member
e) National Academic of Sciences, India, Allahabad Life member
f) The World Association of Theoretical and Computational Chemists (WATOC)Life member
g) Indian Biophysics Society (IBS**)** Life member
h) Indian Institute of Chemical Technology, Hyderabad (A. P.), India Ramanujan Fellow
i) The Max-Planck-Institut für Kohlenforschung**,** Mulheim and Ruhr, Postdoctoral Fellow
j) The Hebrew University of Jerusalem, Israel Mentor: Professor. Germany Postdoctoral Fellow
k) Professor Walter Thiele, Season Shay Mentor

iii. Dr. Anil Kumar Yadav
a) Materials Research Society of India (**MRSI**) Life member

iv. Dr. Khem B. Thapa
a. Ultrasonic Society of India Life member
b. Optical society of America Life member

v. Dr. Ajeet K. Maurya
a) Indian Radio Science Society (InRaSS) Member
b) International Union of Radio Sciences (URSI) Life Member
c) Committee on Space Research (COSPAR) Associate
d) The Plasma Science Society of India Life Member
e) The American Geophysical Union Member
f) The Society for Science of Climate Change and Sustainable Environment, New Delhi Life Member
g) Indian Geophysical Union Life Member

9. DetailsofBooks written/editedbyfacultymembers:

Complex and Composite Metal Oxides for Gas, VOC, and Humidity Sensors vol.01& vol.02

10. Details of Book Chapters in edited volume/ conference volume:

i. Dr. Prof. B.C. Yadav : 06 Book Chapters
ii. Dr. Anil Kumar Yadav : 01
iii. Dr. Ajeet Maurya : 01

11. Paper published during the year by the faculty members (during 01.04.2023 to 31.03.2024)
UGC listed Journal

i. Prof. B. C. Yadav

a. A Singh, P Chauhan, A Verma, BC YadavInterfacial engineering enables polyaniline-decorated bismuth sulfide nanorods towards ultrafast metal–semiconductor-metal UV-Vis broad spectra photodetectorAdvanced Composites and Hybrid Materials 7 (3), 1-17 2024/6
b. M Channegowda, A Verma, I Arabia, US Meda, I Rawal, S RustagiHigh selectivity and sensitivity through nanoparticle sensors for cleanroom CO2 detectionNanotechnology 35 (31), 315501 2024/5
c. A Verma, D Yadav, S Natesan, M Gupta, BC Yadav, YK MishraAdvancements in nanohybrid material-based acetone gas sensors relevant to diabetes diagnosis: A comprehensive reviewMicrochemical Journal, 110713 2024/5
d. P Chaudhary, A Verma, S Chaudhary, M Kumar, MF Lin, YC Huang, Design of a Humidity Sensor for a PPE Kit Using a Flexible Paper SubstrateLangmuir 40 (18), 9602-9612 2024/4
e. U Kumar, YC Tsou, ZY Deng, BC Yadav, WM Huang, CH WuExploring the weak visible-near-infrared and NO2 detection capabilities of PbS/Sb2O5 heterostructures with DFT interpretationsNanotechnology 35 (26), 2655012024/4

f. A Verma, BC YadavComprehensive review on two dimensional nanomaterials for optical biosensors: Present progress and outlookSustainable Materials and Technologies, e00900 2024/3

g. U Kumar, CX Yang, ZY Deng, CE Lin, BC Yadav, CH WuAtomic-level insights of enhanced interfacial charge transfer and active sites on self-assembly pp heterostructure based on BiVO4/SnO2 for highly selective NO2 sensingSensors and Actuators B: Chemical 403, 135144 2024/3

h. A Rani, A Verma, A Singh, BC Yadav Monitoring of UV-A radiation by TiO2/CdS nanohybrid along with the high on-off ratioSensors and Actuators A: Physical 367, 1150602024/3

i. N Singh, S Tanwar, MS Sreehari, AL Sharma, BC Yadav An approach to substitute costly-commercial capattery electrodes by activated carbon@ Co with advanced retention: Detailed device study supported by DFT investigationJournal of Energy Storage 80, 110244 2024/3

j. AK Shukla, V Verma, P Goriyan, A Rani, A Verma, A Singh, BC Yadav, $Zr_6O_4(OH)_4$ Based Metal-Organic Frameworks for the Enhanced Chemiresistive Sensing of EthanolJournal of Inorganic and Organometallic Polymers and Materials, 1-162024/2

k. A Verma, BC Yadav Development and integration of a hierarchical Pd/WO3 acetone-sensing device for real-time exhaled breath monitoring with disposable face maskJournal of Hazardous Materials 463, 132872 2024/2

l. K Bharati, PR Tiwari, RP Singh, A Singh, BC Yadav, MP Singh, S Kumar Synthesis of bismuth-doped praseodymium ortho ferrite nanomaterials for LPG sensingApplied Nanoscience 14 (2), 277-289 2024/2

m. S Srivastava, A Singh, MA Sahz, BC Yadav, NK Pandey Development of V2O5@ GO (1D/2D) nanohybrid based chemiresistor for low-trace of tolueneSensors and Actuators B: Chemical 400, 134817 2024/2

n. U Kumar, A Verma, RK Tripathi, BC Yadav, T Haldar, VV Tyagi, CK Dixit, Excellent field emission with enhanced photodetection behavior of multiwalled carbon nanotubes: experimental and theoretical studyEnergy Advances 2024

o. BCY Alka Rani, Arpit Verma Advancements in transition metal dichalcogenides (TMDCs) for self-powered photodetectors: challenges, properties, and functionalization strategiesMaterials Advances 2024

p. A Verma, A Singh, BC Yadav Self-healing materials for highly sensitive gas sensors and for other applicationsComplex and Composite Metal Oxides for Gas, VOC and Humidity Sensors, Volume 2024/1

q. A Verma, BC Yadav Features of preparing metal oxide nanocomposites: General considerationComplex and Composite Metal Oxides for Gas, VOC and Humidity Sensors, Volume 2024/1

r. A Verma, P Kumar, BC Yadav Fundamentals of electrical gas sensorsComplex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 2024/1

s. P Chaudhary, M Gupta, BC Yadav Polymer/metal oxide composites and their humidity sensing characteristicsComplex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

t. U Kumar, BC Yadav, WM Huang, CH Wu Metal oxide-based nanocomposites designed for humidity sensor applicationsComplex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

u. DK Maurya, P Chaudhary, BC Yadav, S AngaiahHumidity sensors based on solid-state metal-oxide hybridsComplex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

v. A Singh, S Singh, BC Yadav In2O3 nanocubes and ZnWO4 nanorod-based triboelectric nanogenerator for self-powered humidity sensorsSensors and Actuators B: Chemical 398, 13472 2024/1

w. Rahul Pratap Singh, Prabhat Ranjan Tiwari, Keval Bharati, Bala Bhardwaj, Kuwar Ankur Singh, BC Yadav, Santosh Kumar Humidity sensing study of cobalt-doped cadmium sulphidenanomaterialsJournal of Solid State Electrochemistry 2023/12

x. Vaibhava Kumar, Ajeet Singh, Bal Chandra Yadav, Hemant Kumar Singh, Deep Prakash Singh, Sandip Kumar Singh, Navin Chaurasiya Environment-sensitive and fast room

temperature CO2 gas sensor based on ZnO, NiO and Ni-ZnO nanocomposite materialsEnvironmental Functional Materials 2023/12

y. U Kumar, CH Wu, K Singh, BC Yadav, WM Huang Low-Dimensional Advanced Functional Materials as Hazardous Gas SensingAdvanced Functional Materials for Optical and Hazardous Sensing: Synthesis 2023/11

z. BC Yadav, P Kumar Complex and Composite Metal Oxides for Gas, VOC, and Humidity Sensors, Volume 1: Fundamentals and ApproachesElsevier2023/10

aa. RP Singh, PR Tiwari, K Bharati, Bala, KA Singh, BC Yadav, S Kumar Nickel-doped cadmium sulphide as a promising nanomaterials for humidity sensing applicationsSensing and Imaging 24 (1), 29 2023/9

bb. PC Arpit Verma, P. Chaudhary, A. Singh, R K Tripathi, B C Yadav Photomultiplicative and High External Quantum Efficient Energy Conversion Device for Paper ElectronicsACS Applied Electronic Materials 2023/9/9

cc. PR Tiwari, RP Singh, K Bharati, AC Yadav, BC Yadav, A Singh, MP Singh Synthesis of calcium doped zinc ferrite nanomaterial and its application as a humidity sensorJournal of Dispersion Science and Technology, 1-11 2023/9/6

dd. PCDK Arpit Verma, Anshika Singh, Priyanka Chaudhary, Ravi Kant Tripathi, B Photocurrent conversion capability of a 2D WS2-polyvinyl alcohol matrix and its DFT-based charge carrier dynamics analysisMaterials Advances 2023/9

ii. Prof. Devesh Kumar

a. JK Satpathy, R Yadav, UK Bagha, D Kumar, CV Sastri, SP de Visser Enhanced Reactivity through Equatorial Sulfur Coordination in Nonheme Iron (IV)–Oxo Complexes: Insights from Experiment and TheoryInorganic Chemistry 63 (15), 6752-6766 2024

b. M Mishra, B Pal, A Shah, DP Singh, D Singh, D Kumar Theoretical prediction (DFT) and experimental observation of electronic and electro-optical properties of HATn (n= 5, 6, 7, 8) molecules for optoelectronic applicationsPhysica Scripta 99 (4), 045921 2024

c. V Gautam, S Chaudhary, J Kumar, D Singh, D Kumar Quantum mechanical analysis of halogen-based ionic liquid crystal [C_{12}MIM.X(where X = Cl, Br)] moleculesMolecular Simulation, 1-14 2024

d. V Gautam, M Mishra, KB Thapa, J Kumar, D Singh, D Kumar Electronic, optical and spectroscopic properties of N-dialkyl-imidazolium hexafluorophosphate (C_NMIM.PF_6) ionic liquid crystal molecules investigated by Journal of Molecular Modeling 29 (9), 274 2023

e. UK Bagha, R Yadav, T Mokkawes, JK Satpathy, D Kumar, CV Sastri, Defluorination of Fluorophenols by a Nonheme Iron (IV)-Oxo Species: Observation of a New Intermediate Along the ReactionChemistry–A European Journal 29 (39), e202300478 2023

f. N Awasthi, R Shukla, D Kumar, AK Tiwari, T Tripathi Monte Carlo Approaches to Study Protein Conformation EnsemblesProtein Folding Dynamics and Stability: Experimental and Computational.2023

g. N Kumar, A Shukla, BS Rawat, R Joshi, KB Thapa, D Kumar Study of Inhibitors Against Novel Coronavirus by Molecular Modelling ToolsJordan Journal of Chemistry (JJC) 18 (1), 1-11.2023

h. AHS Dias, R Yadav, T Mokkawes, A Kumar, MS Skaf, CV Sastri, D Kumar Biotransformation of bisphenol by human cytochrome P450 2C9 enzymes: A density functional theory studyInorganic Chemistry 62 (5), 2244 2023

i. A Hermano Sampaio Dias, R Yadav, T Mokkawes, A Kumar, MS Skaf Biotransformation of bisphenol by human cytochrome P450 2C9 enzymes: A density functional theory studyInorganic Chemistry 62 (5), 2244-2256 2023

j. N Awasthi, R Yadav, D Kumar Revealing metabolic path of Ketamine catalyzed by CYP450 via quantum mechanical approachJournal of Molecular Structure 1271, 134126 2023

k. M Mishra, N Kumar, KB Thapa, BS Rawat, R Dhyani, D Singh, D Kumar PHYSICAL, CHEMICAL, OPTICAL AND INSULATING PROPERTIES OF ALKYL BENZOIC ACID DERIVATIVES LIQUID CRYSTAL DUE TO EXTENSION ALKYL CHAIN (CNH2N) LENGTH: A DFT STUDYHOMO 2, 1 2023

l. M Kumar, M Mishra, D Kumar, D Singh Quantum mechanical studies of p-azoxyanisole and identification of its electro-optic activityPhysical Chemistry Chemical Physics 25 (13), 9576-9585 2023

iii. Dr. Ramesh Chandra

a) VK Nautiyal, R Gautam, N Das, R Chandra, PK Raina, PK Rath Occupation numbers and nuclear transition matrix elements for decay within a mechanism involving neutrino mass The European Physical Journal A 58 (2), 28, 2023

iv Dr. Anil Kumar Yadav

a. P. Sinha, AK YadavIn silico identification and molecular dynamic simulations of derivatives of 6,6-dimethyl-3-azabicyclo[3.1.0]hexane-2- Carboxamide against main protease 3CL pro of … Journal of Molecular Modeling (2023) 29 (5), 130 2024

b. P Sinha, AK Yadav Identification of novel potential inhibitor of thymidylate kinase from Variola virusJournal of Biomolecular Structure and Dynamics 41 (23), 14092-14102 2023

c. S Chaudhary, SP Goutam, AK Yadav, G Pandey Green Synthesis of Fe Doped TiO_2 Nanoparticles Using *Aegle marmelos* Leaves Extract for the Photocatalytic Degradation of Rhodamine B DyeProceedings of the National Academy of Sciences, India Section A: Physical 2023

d. DRD Roy, AK Yadav, K Singh, G Pandey Green Synthesized TiO2-SnO2 Nanocomposite for the Photocatalytic Degradation of Methylene Blue DyeJordan Journal of Physics 16 (2), 181-194 2023

e. P Sinha, AK Yadav Virtual Screening Based on Docking and Molecular Dynamics Simulations of Potential Ebola Receptor InhibitorsChemistrySelect 8 (42), e202304059 2023

f. P Sinha, AK Yadav Molecular docking, molecular dynamics and binding free energy based identificationof novel potential multitarget inhibitors of Nipah virusJournal of Biomolecular Structure and Dynamics, 1-172023

g. P Sinha, AK Yadav Computational Analysis on Molecular Stability and Binding Affinity of 3-(Aminothiazolyl) Quinolone Derivative as Multitargeting Antibacterial Agents through Ab Initio MethodsPolycyclic Aromatic Compounds, 1-222023

h. P Sinha, AK YadavIdentification of 3, 4-dihydroxy complexes as potential antiviral via DFT, molecular docking, molecular dynamics and MM/PBSA against rabies and dengue receptorsJournal of Biomolecular Structure and Dynamics, 1-172023

i. P Sinha, AK Yadav In silico identification and molecular dynamic simulations of derivatives of 6,6-dimethyl-3-azabicyclo[3.1.0]hexane-2-carboxamide against main protease $3CL^{pro}$ Journal of Molecular Modeling 29 (5), 1302023

v. Dr. Devendra Singh

a. N Kumar, R Dhyani, BS Rawat, PS Rawat, D Roy, D SinghA review on synthesis, challenges as well as future prospects of graphene quantum dot (GQD) Pramana, 98(2) 42,2024

b. VM Mishra, B Pal, A Shah, DP Singh, D Singh, D Kumar Theoretical prediction (DFT) and experimental observation of electronic and electro-optical properties of HATn (n=5,6,7,8) molecules for optoelectronics applicationsPhysica Scripta 99(4), 045921,2024

c. V Gautam, S Chaudhary, J Kumar, D Singh, D Kumar Quantum mechanical analysis of halogen-based ionic liquid crystal [C_{12}MIM.X(where X = Cl, Br)] moleculesMolecular Simulation, 1-14,2023

d. M Mishra, D Kumar, D Singh Enhancement of electro-optical and non-linear optical parameters of halogenated hexahexyloxytriphenylene (HAT6) molecule: A computational approachChemistrySelect 9 (3), e2023049862023

e. V Gautam, M Mishra, KB Thapa, J Kumar, D Singh, D Kumar Electronic, optical and spectroscopic properties of N-dialkyl-imidazolium hexafluorophosphate (C_NMIM.PF_6) ionic liquid crystal molecules investigated by Journal of Molecular Modeling 29 (9), 2742023

f. M Mishra, N Kumar, KB Thapa, BS Rawat, R Dhyani, D Singh, D Kumar Physical, chemical, optical and insulating properties of alkyl benzoic acid derivatives liquid crystal

due to extension alkyl chain (CNH2N+ 1) length: A DFT studyKragujevac Journal of Science, 21-282023

g. M Kumar, M Mishra, D Kumar, D Singh Quantum mechanical studies of p-azoxyanisole and identification of its electro-optic activity Physical Chemistry Chemical Physics 25 (13), 9576-9585, 2023

vi. Dr. Khem B Thapa

a. A Kumar, D Pandey, VK Nautiyal, V Singh, A Gautam, KB ThapaEnhanced absorption in a dielectric/silver one-dimensional photonic crystal in the UV bandThe European Physical Journal Plus 139 (3), 2322024

b. M Dan, V Gupta, KB Thapa, L Kumar, P SinghTheoretical optical characterization of one-dimensional ternary photonic crystal embedded with nanocomposite of bimetallic core-shell nanoparticlesOptical and Quantum Electronics 56 (2), 2522024

c. V Gautam, M Mishra, KB Thapa, J Kumar, D Singh, D Kumar Electronic, optical and spectroscopic properties of N-dialkyl-imidazolium hexafluorophosphate (C_NMIM.PF_6) ionic liquid crystal molecules investigated by Journal of Molecular Modeling 29 (9), 2742024

d. D Roy, N Kumar, S Upadhyay, KB Thapa, D Kumar Molecular spectroscopy and optical effect of Albendazole chemical compound behaves as liquid crystal: A theoretical and experimental approachMaterials Science and Engineering: B 291, 1163512024

e. N Kumar, A Shukla, BS Rawat, R Joshi, KB Thapa, D KumarStudy of Inhibitors Against Novel Coronavirus by Molecular Modelling ToolsJordan Journal of Chemistry (JJC) 18 (1), 1-112023

f. GN Pandey, N Kumar, P Singh, KB Thapa Transmittance Properties of Metamaterial and Dielectric Based One-Dimensional Ternary Periodic StructureMacromolecular Symposia 407 (1), 2200016

g. D Roy, N Kumar, S Upadhyay, KB Thapa, D Kumar Molecular spectroscopy and optical effect of Albendazole chemical compound behaves as liquid crystal: A theoretical and experimental approach Materials Science and Engineering: B 291, 116351.2023

h. N Kumar, A Shukla, BS Rawat, R Joshi, KB Thapa, D Kumar Study of Inhibitors Against Novel Coronavirus by Molecular Modelling Tools Jordan Journal of Chemistry (JJC) 18 (1), 1-112023

i. GN Pandey, N Kumar, P Singh, KB Thapa, AK Shukla Optical Properties of One-Dimensional Photonic Crystal Composed of Superconductor and Dielectric Layers with Liquid Crystal Layer as Defect Macromolecular Symposia 407 (1), 2200015,2023

j. GN Pandey, N Kumar, P Singh, KB Thapa Transmittance Properties of Metamaterial and Dielectric Based One-Dimensional Ternary Periodic Structure Macromolecular Symposia 407 (1), 2200016,2023

k. M Mishra, N Kumar, KB Thapa, BS Rawat, R Dhyani, D Singh, D Kumar Kragujevac Physical, chemical, optical and insulating properties of alkyl benzoic acid derivatives liquid crystal due to extension alkyl chain (CNH2N+ 1) length: A DFT study Journal of Science, 21-28, 2023

l. GN Pandey, N Kumar, P Singh, KB Thapa Transmission Properties in a One-Dimensional Symmetric Ternary Nanolayered Photonic Crystal Designed with Superconductor and Silicon-Based Materials Journal of Superconductivity and Novel Magnetism 36 (1), 67-73 ,2023

m. GN Pandey, N Kumar, P Singh, KB Thapa, AK ShuklTunable optical properties of liquid crystals through coupling of magnetic fields with director angles Optoelectronics and Advanced Materials-Rapid Communications 16,143 (12), 2023

n. GN Pandey, N Kumar, P Singh, KB Thapa Analysis of photonic band structure tunability for te and tm modes in a silicon and polymer based ternary photonic crystal for visible range devices Silicon 14 (17), 11659-11666,2023

o. VK Nautiyal, P Singh, P Upadhyay, KB Thapa Theoretical investigation of optical properties and Faraday rotation of one-dimensional periodic structure of magneto-optical material with a defect electro-optical material , Indian Journal of Physics 96 (13), 3941-3950,2023

vii. Dr. Ajeet K Maurya

a. OM Patil, SS Moharana, AK Maurya, N Parihar, R Singh, AP DimriRole of lightning activity in deciphering atmospheric gravity waves (AGWs) induced D-region ionospheric perturbations during extremely severe cyclonic storm (ESCS) FaniJournal of Geophysical Research: Space Physics 129 (4), e2023JA0321872024

b. MN Shrivastava, AS Sunil, AK Maurya, F Aguilera, S Orrego, PS Sunil Tracking tsunami propagation and Island's collapse after the Hunga Tonga Hunga Ha'apai 2022 volcanic eruption from multi-space observationsScientific Reports 13 (1), 201092023

c. S Saharan, AK Maurya, A Dube, OM Patil, R Singh, H Sharma Low latitude ionospheric TEC response to the solar flares during the peak of solar cycle 24Advances in Space Research 72 (9), 3890-39022023

d. RSSD K. Venkatesham, Ajeet K. Maurya Extreme space weather events of solar cycle 24: X-class solar flares and their impact on the low-latitude D-region ionosphereCurrent Science 124 (7), 812-8192023

e. AK Maurya, G Tripathi, SB Singh, R Singh, AK Singh Low-latitude upper atmosphere remote sensing using very low frequency (VLF) wavesAtmospheric Remote Sensing, 283-306,2023

12. Attended /Participated in conference/seminar/workshop/Webinar inside country

Prof. B. C. Yadav 02, Dr. Khem B. Thapa-02,Dr. Ajeet Kumar Maurya 03 Dr. Ramesh Chandra 01, Dr. Devendra Singh 01

13. Attended /Participated in conference/seminar/workshop/ Webinar outside country

Dr. Ajeet K Maurya 02 (Finland; Japan)

14. Details of invited lecture inside the country :

i. Prof. B. C. Yadav : 07
ii. Dr. Khem. B. Thapa : 03
iii. Dr. Ajeet K Maurya: 01

15. Details of invited lecture outside the country.

Dr. Ajeet Kumar Maurya: 02

16. Details of National Award/Fellowship:

01 National Academy of Science, India, Fellow
Prof. B.C.Yadav selected in Top 2% Scientists of world by Stanford University, USA.
Prof. Devesh Kumar selected in Top 2% Scientists of world by Stanford University, USA

17. Details of International Award/Fellowship

Dr. Ajeet Kumar Maurya: 01 (International Join Research Program, Nagoya University, Japan)

18. Details of Research Project (Major/Minor):

1. Design and fabrication of Biosensors based on breath analysis technique using nanostructure meta loxide thin films for the detection of diabetes and others diseases, PI, Prof.B.C.Yadav, Funding Agency, Council of Science & Technology, Amount,11.19/- 2021-2021
2. Remote sensing of D-region using VLF waves" PI-Dr. Ajeet K Maurya, Funding Agency: UGC-Start-up-grant, Amount 10 Lakhs, 2022-23

19. Details of patents filed/awarded

Prof. B. C. Yadav: 01awarded /01-filed

20. Details related to good Governance at the Department level to ensure transparency/ students participation/ time bound results ets.

i. Ph.D. awarded during the year: 2023-2024 (01.04.2023 to 31.03.2024)

Sl.No	Name of Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Arpit Verma	Prof. B.C. Yadav		Preparation and properties of metallpolymer	Non-Net UGC-Fellowship

				nanostructures relevant to renewable energy applications	
2.	Nirbhay Singh	Prof. B.C. Yadav	Yes	Preparation of Carbonaceous Hybrid Nanomaterials for Energy Storage and Conversion Devices	Non-Net UGC-Fellowship
3.	Deeptarka Roy	Dr. Anil Kumar Yadav		Synthesis and Characterization of Nanostructures' with Functional Properties for the Novel Applications	Non-Net UGC-Fellowship
ii. Ph.D. Students Pursuing					
1.	Ajeet Singh	Prof. B.C. Yadav		Design and Fabrication of Humidity/Gas Sensors by using Heterostructural Nanomaterials	CSIR-JRF
2.	Mritunjay Mishra	Prof. Devesh Kumar	Yes	Study of Molecular Interaction and Electro-Optical properties of Liquid Crystal Molecules using Density Functional Theory	Non-Net UGC-Fellowship
3.	Monu Gupta	Prof. B.C. Yadav		Synthesis of metal oxides nanocomposites and their relevance in the detection of diabetes and other diseases	Non-Net UGC-Fellowship
4.	Abhishek Prakash Tiwari	Prof. B.C.Yadav		Fabrication of Metal Oxide based Nanomaterials and Their Application for Antimicrobial Activity	Nil
5.	Prashasti Sinha	Dr. Anil Kumar Yadav		Study of Novel Potential Antiviral Drug Candidates Using Computational Tools	Non-Net UGC-Fellowship
6.	Varsha Gautam	Prof. Devesh Kumar	Yes	Molecular Spectroscopy of Organic and Inorganic Liquid Crystals Studied by Computational Method	Non-Net UGC-Fellowship
7.	Manish Kumar	Dr. Devendra Singh		Investigation of electro-optic properties of organic liquid crystal by computational method	Non-Net UGC-Fellowship
6.	Alka Rani	Prof. B.C.Yadav		Functionalization of 2D transition metal dichalcogenide nanomaterials and their applications for energy conversion	JRF
7.	Roshni Kumari	Dr. Anil Kumar Yadav		Development of Hybrid Nanostructures for Advance Applications	Non-Net UGC-Fellowship
8.	Tamanna	Dr.RameshChandra		Application of relativistic	Non-Net UGC-

	Iqbal			mean field theory to nuclear matter studies	Fellowship
9.	Rajat Tripathi	Dr.AjeetKumarMaurya		Investigation of Non-linear Phenomena of Anisotropic Media	Non-Net UGC-Fellowship
10	Tarun Yadav	Dr. Anil Kumar Yadav		Study of Functional Nanostructure in Novel Material Application	Non-Net UGC-Fellowship
11	Dayanand	Dr.AjeetKumarMaurya		Study of Ionospheric Parameters Variation Due to Various Perturbing Sources	Non-Net UGC-Fellowship
12	Nidhi Bharadwaj	Dr. Khem B. Thapa		Synopsis	Non-Net UGC-Fellowship
13	Kamal Singh	Prof. B.C. Yadav		Synopsis	Non-Net UGC-Fellowship
14	Shivam Thapliyal	Prof. Devesh Kumar		Synopsis	Non-Net UGC-Fellowship
15	Preeti Choudhary	Prof. Devesh Kumar		Synopsis	Non-Net UGC-Fellowship
16	Sadika Nomani	Prof. Devesh Kumar		Synopsis	Non-Net UGC-Fellowship
17	Shivani Singh	Dr. Devendra Singh		Synopsis	Non-Net UGC-Fellowship
18	Akansha	Prof. Devesh Kumar		Synopsis	Non-Net UGC-Fellowship
19	Sakshi Kumari	Dr. Ramesh Chandra		Synopsis	Non-Net UGC-Fellowship
20	Dharmendra Kumar	Dr. Khem B. Thapa		Synopsis	Non-Net UGC-Fellowship
21	Amit Kumar	Prof. B.C. Yadav		Synopsis	Non-Net UGC-Fellowship
22	Abhyuday Singh	Prof. Devesh Kumar		Synopsis	Non-Net UGC-Fellowship

V. **Accomplishments of Students**(2023-2024)

Number of students Completed their/Graduation/ Diploma	M.Sc. Physics	46
Number of student pursuing higher studies	06 in Ph.D. 01 PDF-01 RA	
Number of students NET/JRF any other fellowship	02 NET 04GATE	
Number of students selected on other government jobs	Govt. Job	02
	Teaching Job	01
	Private Job	04
	Projects	0

28. Google scholar profile of the faculty members

Prof. Bal Chandra Yadav

	All	Since 2019
Citations	8675	6111
h-index	48	40
i10-index	203	170

Prof. Devesh Kumar

	All	Since 2019
Citations	10187	3424
h-index	51	30
i10-index	93	69

Dr. Ramesh Chandra

	All	Since 2019
Citations	766	204
h-index	12	8
i10-index	13	6

Dr. Anil Kumar Yadav

	All	Since 2019
Citations	831	749
h-index	7	7
i10-index	6	4

Dr. Devendra Singh

	All	Since 2019
Citations	190	147
h-index	6	6
i10-index	4	4

Dr. Khem B Thapa

	All	Since 2019
Citations	1782	1371
h-index	19	14
i10-index	35	24

Dr. Ajeet Kumar Maurya

	All	Since 2019
Citations	697	447
h-index	16	13
i10-index	22	18

Department of Statistics

The Department was established in the year 2010 to teach Post Graduate students under the name of Department of Applied Mathematics & Statistics. The Department of Statistics as an independent department came into existence in March, 2012. The Department is currently running M. Sc. and Ph. D. Programmes. Since its very inception, the Department has grown rapidly and is championing the cause of Statistics. The faculty members of the department are highly qualified and are engaged in diverse fields of research in Statistics ranging from Reliability and Sequential Analysis, Econometrics, Mathematical Programming Techniques, Sampling Techniques, Stochastic Orders, Regression Modeling and Agricultural Statistics. The courses in the Department are designed to inculcate analytic and decision-making aptitude among the students. The Department also caters to the needs of researchers, academicians and scientists from other disciplines seeking guidance and advice in handling the Statistical work involved in their research. The mission and vision of the Department of Statistics is to inculcate statistical thinking in young minds for better future planning and welfare of society and to contribute to the society through excellence in statistical education and research.

1. Courses offered/New Courses:-

- PG Programme (M.Sc. in Statistics)
- Ph.D. in Statistics

2. Facilities available in the Department:

i. Computer Lab (with 20 computers & 01 projector),
ii. Research scholar's room
iii. Class rooms
iv. Rooms for faculty members
v. epartmental Library

3. Details of the Faculty:

- **Dr. Madhulika Dube**
  Designation :- Professor
  Teaching & Research Experience:- Teaching- 38 Years, Research-40 Years
  Area of Specialization:- Econometrics, Biostatistics/Medical Statistics, Regression Modelling.
- **Dr. Surinder Kumar**
  Designation:- Head & Professor
  Teaching & Research Experience:- Teaching- 24 Year, Research-28 Years
  Area of Specialization:- Reliability Theory, Sequential Testing, Bayesian Analysis
- **Dr. Subhash Kumar Yadav**
  Designation :- Associate Professor
  Teaching & Research Experience:- Teaching- 18 years, Research-18 years
  Area of Specialization:- Sampling, Regression Analysis, Operations Research, Disease Modeling
- **Dr. Rahul Varshney**
  Designation :- Assistant Professor
  Teaching & Research Experience:- Teaching- 12 Years, Research-18 Years
  Area of Specialization:- Sampling Theory, Mathematical Programming, Optimization
- **Dr. Amit Kumar Misra**
  Designation :- Assistant Professor
  Teaching & Research Experience:- Teaching- 12 Years, Research-17 Years
  Area of Specialization:- Stochastic Ordering, Reliability Theory, Redundancy Allocations, Sampling Theory

- **Dr. Minakshi Mishra**
  Designation :- Assistant Professor
  Teaching & Research Experience :- Teaching- 6 Years and 5 months, Research-11 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**
  Designation :- Assistant Professor
  Teaching & Research Experience :-Teaching- 9 Years, Research-11 Years
  Area of Specialization :-

4. Other Department Level Academic Activities:
An Alumni Meet conducted on 09th April, 2023.

5. Co-curricular/Extra-curricular/Sports Activities:
First Prize in Acting and Second Prize in Singing competition in National Integration Camp held between 11-17th March 2024 in CCSPG College Etawah, U.P.

6. Membership/ Fellowship of Professional / Academic Bodies/ editorial Board :

i. Prof. Madhulika Dube

i. External Member, PG Board of Studies in Statistics, Department of Mathematics and Statistics, Central University of Punjab, Bathinda 2023-2025
ii. External Member, PG Board of Studies in Statistics, BHU, Varanasi, 2021-2023
iii. External Member, PG Board of Studies in Statistics, NEHU, Shillong, 2021-2023
iv. Honorary Advisor & Expert, Institutional Research and Development Committee, Saraswati Dental College, Lucknow2020- till date

ii. Prof. Surinder Kumar

i. Indian Statistical Association (JISA), Pune, Life membership
ii. Indian Society for Probability and Statistics (ISPS), Life membership
iii. Indian Society of Agriculture Statistics (ICAR), Life membership
iv. Indian Association for Reliability and Statistics (IARS). Life membership
v. The Kerala Statistical Association (KSA). Life membership
vi. Indian Society for Medical Statistics, Life membership
vii. Member Governing Body, Institute of Applied Statistics and Development Studies (IASDS), Lucknow, 2015-2018
viii. Head, Deptt. of Statistics. Babasaheb Bhimrao Ambedkar University, Lucknow.
ix. Head, Deptt. of Electric Engineering UIET, Babasaheb Bhimrao Ambedkar University,Lucknow
x. Director, Residential Coaching Academy (RCA), UGC sanctioned, Babasaheb Bhimrao Ambedkar University, Lucknow
xi. Chairman, DRC member, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow.
xii. Chairman, BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
xiii. School Board Member, School Board , School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow
xiv. RDCU member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
xv. BPGS Member, Department of Statistics, Beer Bahadur Singh PurvanchalUniversity,Jaunpur
xvi. DRC Member, Department of Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow
xvii. DRC Member, Department of Rural Management , Babasaheb Bhimrao Ambedkar University, Lucknow
xviii. Chairman, Furniture Purchase Committee, Babasaheb Bhimrao Ambedkar University, Lucknow
xix. Chairman, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
xx. DRC Member, Department of Statistics, Dr. Shakuntala Misra National Rehabilitation University, Lucknow

iii. Dr. Subhash Kumar Yadav

i. Indian Science Congress: Membership No. L14913
ii. Indian Society of Mathematics and Mathematical Sciences: Membership No. 270
iii. DRC member, Department of Statistics BBAU, Lucknow.
iv. BPGS member, Department of Statistics BBAU, Lucknow.
v. School Board Member, School of Physical and Decision Sciences, BBAU, Lucknow
vi. RDCU member Department of Statistics BBAU, Lucknow

iv. Dr. Rahul Varshney

i. Admission Committee Member, Department of Statistics, BBAU, Lucknow.
ii. DRC member (as supervisor), Department of Statistics, BBAU, Lucknow.
iii. Convener, CIIE, BBAU, Lucknow.
iv. Member Secretary, University Lecture Series, BBAU, Lucknow.
v. Member Secretary, Committee for preparation of merit list of UG/PG/Diploma/integrated courses for 2023-24, BBAU, Lucknow.
vi. Member of Feedback Analysis Committee, IQAC, BBAU, Lucknow.
vii. Member, 'Ek Bharat Shrestha Bharat' committee of the University, BBAU, Lucknow.
viii. Member, Yuva Sangam 2023 at BBAU Lucknow.
ix. Member, 'Viksit Bharat@2047' committee of the University, BBAU, Lucknow.
x. Convener, Innovator Exhibition 2023, organized during NAAC peer Team Visit, BBAU, Lucknow.
xi. Warden, Kanishka Hostel, BBAU, Lucknow.
xii. Life member of International Indian Statistical Association (IISA).
xiii. Life member of Indian Society for Probability and Statistics (ISPS) (ID: LM/2010/49/833).
xiv. Life member of Kerala Statistical Association
xv. Life member of OPERATIONAL RESEARCH SOCIETY OF INDIA(ORSI) (ID:1128/R/15/ML)
xvi. Life member of Indian Society for Medical Statistics

v. Dr. Amit Kumar Misra

i. Student member of 'Institute of Actuaries of India
ii. Lifetime member of 'Indian Society for Medical Statistics
iii. Lifetime member of 'Indian Science Congress
iv. Lifetime member of 'Indian Bayesian Society
v. Member, Students Grievances Committee, Department of Statistics, BBAU, Lucknow
vi. Member, Departmental Council, Department of Statistics, BBAU, Lucknow
vii. Member, Departmental Purchase Committee, Department of Statistics, BBAU, Lucknow
viii. Member, Departmental IQAC, Department of Statistics, BBAU, Lucknow
ix. Departmental Coordinator, Alumni Cell, Department of Statistics, BBAU, Lucknow
x. Coordinator and Mentor for SWAYAM Courses, Department of Statistics, BBAU, Lucknow
xi. Member, BPGS,Department of Statistics, BBAU, Lucknow
xii. Training and Placement Coordinator, Department of Statistics, BBAU, Lucknow

vi. Dr. Minakshi Mishra

i. Life Member of Society for Application of Statistics in Agriculture and Allied sciences
ii. Life Member of Crop & Weed Science Society, BCKV.
iii. BUGS member, Department of Commerce, BBAU, Lucknow
iv. RDCU member, Department of Statistics BBAU, Lucknow.
v. Member, Students Grievances Committee, Department of Statistics, BBAU, Lucknow
vi. Warden, Sanghmitra Girls Hostel (Extension), BBAU, Lucknow

vii. Dr. Prayas Sharma

i. Lifetime member of International Indian Statistical Association (IISA)
ii. Lifetime member of Indian Society of Probability and Statistics (ISPS) - LM/37/1497/2023
iii. Lifetime member of Epidemiology Foundation of India (LM-01753)

7. Papers published during the year by the faculty members (during 01/04/2023 to 31/03/2024):-

S.No.	Faculty Name	Papers published during the year
	Prof. Madhulika Dube	TOPSIS-based Factor Analytic Model for the Assessment of Agricultural Development in the State of Uttar Pradesh, India, OPSEARCHhttps://doi.org/10.1007/s12597-024-00778-w**Impact Factor 1.6**
	Prof. Madhulika Dube	Chronic ITP in Pregnancy: A Prospective Study in a Tertiary Care Centre of West Bengal **European Journal of Cardiovascular Medicine** 13(3) pp 1614-20, Print ISSN 2042-4884.**Impact Factor 1.0**
	Prof. Madhulika Dube	Electrothermal Vessel Sealing Versus Conventional Suturing in Abdominal Hysterectomy: A Randomised Trial. Cureus 15(1) e34123. doi:10.7759/cureus.34123 **Impactfactor 1.2**
	Dr. Subhash Kumar Yadav	Optimal Strategy for Elevated Estimation of Population Mean in Stratified Random Sampling under Linear Cost Function, Annals of Data Science, https://doi.org/10.1007/s40745-024-00520-9.
	Dr. Subhash Kumar Yadav	A computational strategy for estimation of mean using optimal imputation in presence of missing observation, Scientific Reports, 14, 6433. https://doi.org/10.1038/s41598-024-57264-y
	Dr. Subhash Kumar Yadav	Improved Estimation Of The Population Mean By Integrating Additional Auxiliary Parameters. Korean Journal of Physiology and Pharmacology, 28(1), 205-210.
	Dr. Subhash Kumar Yadav	Taking cues from machine learning, compartmental and time series models for SARS-CoV-2 omicron infection in Indian provinces. Spatial and Spatio-temporal Epidemiology, 48, 100634.
	Dr. Subhash Kumar Yadav	Adroit family of estimators of population mean using known auxiliary parameters. Journal of Computational and Applied Mathematics, 437, 115455
	Dr. Subhash Kumar Yadav	Computing the population mean in stratified sampling using an auxiliary attribute. Journal of Autonomous Intelligence, 7(5), 12-21.
	Dr. Subhash Kumar Yadav	An efficient family of ratio type estimators for simple random sampling. Journal of Science and Arts, 24(1), 69-94.
	Dr. Subhash Kumar Yadav	Introducing new optimal class of Searls estimators of population mean using powered auxiliary parameters. International Journal of Operational Research, 49(3), 311-325.
	Dr. Subhash Kumar Yadav	Modeling Global Monkeypox Infection Spread Data: A Comparative Study of Time Series Regression and Machine Learning Models. Curr Microbiol, 81, 15 https://doi.org/10.1007/s00284-023-03531-6
	Dr. Subhash Kumar Yadav	Improved family of estimators of population coefficient of variation under simple random sampling, Communications in Statistics-Theory and Methods,DOI: 10.1080/03610926.2022.2091784. ISSN: 0361-0926.
	Dr. Subhash Kumar Yadav	Enhancement of class of estimators for estimating population mean using known auxiliary parameters. International Journal of Agricultural & Statistical Sciences, 19(2).
	Dr. Subhash Kumar Yadav	Generalized Double Sampling Class of Estimators for Population mean of Sensitive Variable Using Non-sensitive Auxiliary Parameters. J Indian Soc Probab Stat 24, 581–598. https://doi.org/10.1007/s41096-023-00168-3.
	Dr. Subhash Kumar Yadav	Optimal Strategy for Improved Estimation of Population Variance Using Known Auxiliary Parameters. Int. J. Appl. Comput. Math **9**, 78. https://doi.org/10.1007/s40819-023-01559-7
	Dr. Subhash Kumar	Generalized Ratio-Cum-Exponential-Log Ratio Type Estimators of

	Yadav	Population Mean under Simple Random Sampling Scheme. Lobachevskii Journal of Mathematics, 44, 3889–3901. https://doi.org/10.1134/S1995080223090445
	Dr. Rahul Varshney	Optimal Strategy for Elevated Estimation of Population Mean in Stratified Random Sampling under Linear Cost Function, Annals of Data Science, https://doi.org/10.1007/s40745-024-00520-9.
	Dr. Amit Kumar Misra	Generalized Double Sampling Class of Estimators for Population mean of Sensitive Variable Using Non-sensitive Auxiliary Parameters. J Indian Soc Probab Stat 24, 581–598. https://doi.org/10.1007/s41096-023-00168-3.
	Dr. Amit Kumar Misra	Stochastic Properties of Topp-Leone Generated Family of Distributions, Thailand Statistician,Volume 22, Issue 2, pp. 471-490. ISSN:2351-0676 (Online)
	Dr Minakshi Mishra	Comparative study of hematological profiles of helminth-infected freshwater fishes, channa striata and heteropneustesfossilis. Journal of Experimental Zoology India, **26**(2): 1541-1546.
	Dr Minakshi Mishra	Application of Group Method of Data Handling Methodology for the Future Prediction of Birth Rate: A Case Study of India. Journal of Propulsion Technology, **44**(6): 4961-4971.
	Dr. Prayas Sharma	EWMA control charts based on robust estimators: A powerful tool for monitoring a process with a non-normal distribution. Journal of Computational and Applied Mathematics 449, 115919. 2024
	Dr. Prayas Sharma	New memory-based ratio estimator in survey sampling. Natural and Applied Sciences International Journal (NASIJ) 5 (1), 168-181. 2024
	Dr. Prayas Sharma	Enhancing process mean monitoring efficiency using extended-EWMA control chart with auxiliary information. International Journal of System Assurance Engineering and Management, 1-16. 2024
	Dr. Prayas Sharma	Generalized log type estimator of population mean in Adaptive cluster sampling. J. Stat. Appl. Pro. Lett. 11 (2), 73-79. 2024
	Dr. Prayas Sharma	Assessment of profitability and efficiency of regulatory acts on energy-intensive industries: a panel data methodology and case study in India. Stochastic Environmental Research and Risk Assessment 37 (12), 5009-5027. 2023
	Dr. Prayas Sharma	On a Statistical Model Useful for Demographics: Estimating the Mean Number of Children Ever Born Through the Distribution of Male Births with an Application to Data from India. Journal of Reliability and Statistical Studies, 57-80. 2023
	Dr. Prayas Sharma	Memory type ratio and product estimators under ranked-based sampling schemes. Communications in Statistics-Theory and Methods 52 (4), 1155-1177. 2023

8. Participated/ Paper Presented in conferences/seminar/workshop inside country:

16. Details of Invited Lectures inside country:-

Dr. Subhash Kumar Yadav

Delivered 9 invited talks in different seminar/symposia/workshop/training programme/FDP organized by different professional/academic bodies.

Dr. Rahul Varshney

Delivered 6 invited talks in offices of UP Govt.

Dr. Amit Kumar Misra

Delivered 6 invited talks in different seminar/symposia/workshop/training programme/FDP organized by different professional/academic bodies.

Dr. Prayas Sharma

Delivered 8 invited talks in different seminar/symposia/workshop/training programme/FDP organized by different professional/academic bodies.

18. Details of National Awards/Fellowship:

i. Research and Academic Excellence Award-2024, BBAU, Lucknow.

20. Details of Research Projects (major and minor)

Project Title	Funding Agency	Duration	Grant	Designation
Efficient estimation of average production of sugarcane crop at Pihani block of Hardoi District	Government of Uttar Pradesh	2021 to 2024	Rs. 3,00,000	CO-PI
Statistical Modeling for Covid-19 Spread Using Different Approaches	Council of Science and Technology, Uttar Pradesh	2022 to 2024	Rs. 6,80,000	PI

22. Students achievements:-

- Accomplishment of the students**.:**
  - Ms. Jahnvi Patel cleared ISS examination.
  - Mr. Anoop kumar Selected as Assistant Professor in University of Haryana.
  - 10 students working in MNC's.
  - 09 students qualified NET/GATE/CSIR NET
- Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis
  Ph. D. Pursuing:-

S.No.	Name of Student	Name of Supervisor	Name of Co-supervisor	Fellowship availing
1	Bhupendra Meena	Prof. Surinder Kumar	-	NFST
2	Dhairya Tripathi	Dr. Amit Kumar Misra	Dr. Anup Kumar, SGPGI, Lucknow	UGC-Non Net
3	Kavita Kesarwani	Prof. Surinder Kumar	-	UGC-Non Net
4	Mehdi Ali	Dr. Subhash Kumar Yadav	-	UGC-Non Net
5	Mukesh Kumar Verma	Dr. Rahul Varshney	-	UGC-Non Net
6	Rahul Shukla	Prof. Surinder Kumar	-	UGC-Non Net
7	Ritanshi Trivedi	Prof. Madhulika Dube	-	UGC-Non Net
8	Saif Ali Khan	Dr. Subhash Kumar Yadav	-	UGC-Non Net
9	Anuj Kumar	Dr. Minakshi Mishra	-	UGC-Non Net
10	Shivendra Pratap Singh	Dr. Amit Kumar Misra	Prof. Surinder Kumar	UGC NET JRF

Submission/degree awarded:-

- Number of student completed their Masters/Graduation/Diploma:- 22
- Number of student selected in civil services (UPSC/UPPSC):-07
- Details of students selected for teaching in higher education:- 03
- Number of student pursuing higher studies:-04
- Number of student selected on Other government jobs/banking/school teaching etc:-04
- Number of student awarded SLET/NET/JRF/any other fellowship:-
  03 (UGC NET), 05 (GATE) & 01 CSIR NET
- Details of the Publications of the students (Books/Article/Books' chapter):-
- Any Other Special achievement recorded by the students:-
  02 students qualify the ISS examination.
  01 student got First Prize in MOSPI Essay Writing Competition.
  01 student got Third Prize in MOSPI Essay Writing Competition

S. No.	Name of Student	Name of Supervisor	Name of Co-supervisor	Title of Thesis	Submitted/ Awarded
1	Ratan Kumar Thakur	Dr. Minakshi Mishra	-	Application of artificial neural networks modelling for the prediction of noise monitoring in Lucknow	Awarded
2	Arun Pal	Dr. RahulVarshney	Dr. Subhash Kumar Yadav	Some Applications of Non-Linear Programming Techniques in Sample Surveys	Awarded
3	Diksha Arya	Dr. Subhash Kumar Yadav	-	A Certain Study on Estimation of Population Parameters in Survey Sampling	Submitted

01 Student got Best Oral Presentation Award in National Conference.

23. **Google profile of the faculty members, if available.**

Prof. Madhulika Dube

Cited by

	All	Since 2019
Citations	388	249
h-index	12	8
i10-index	15	8

Prof. Surinder Kumar

Cited by

	All	Since 2019
Citations	181	83
h-index	7	5
i10-index	5	2

Dr. Subhash Kumar Yadav
Cited by

	All	Since 2019
Citations	1027	791
h-index	16	15
i10-index	30	25

Dr. Amit Kumar Misra:
Cited by

	All	Since 2019
Citations	158	72
h-index	7	5
i10-index	6	4

Dr. Rahul Varshney
Cited by

	All	Since 2019
Citations	368	192
h-index	10	9
i10-index	10	8

Dr Minakshi Mishra

Citations	35
h-index	4
i10-index	1

Dr. Prayas Sharma

Cited byView all

	all	Since 2019
References	579	442
h index	16	12
i10 index	20	16

Integrated B.Sc.-M.Sc.(Basic Science)

This course of Integrated Basic Sciences was initiated in the year 2013 under Innovative and Contemporary Programme. The syllabus of the course is designed on the patterns of IISER and it's a five year Integrated programme with the option to exit after three years with a graduation degree. This course encompasses different disciplines from biological sciences to mathematical sciences as the foundation with diversification from the third year in their field of specialization. This basis in also there in the New Education Policy.

Objectives of B.Sc./ M.Sc. Basic Science programme: The courses offered in the Integrated UG, PG programme at Babasaheb Bhimrao Ambedkar Central University, Lucknow form part of a comprehensive programme that will enable the students to understand the basic laws of nature and develop necessary skills to apply them to any desired area or discipline. The program is planned as a student centric collaborative learning. Students get trained for a career in basic sciences or any related applied science or technology.

General Pattern the courses offered during the first two years (Semesters I to IV) are meant as basic and introductory courses in Biology, Chemistry, Mathematics and Physics. These are common and mandatory for all students. They include four theory courses and three lab courses from each stream. These courses are meant to give a flavor of the various approaches and analyses and to prepare the students for advanced courses in later years of study. In addition, there will be Interdisciplinary Courses for computational skills and mathematical methods as well as Trans-disciplinary Courses on Scientific Inquiry and Conceptual Inquiry. In the third and fourth years (Semesters V-VIII), students have the freedom to choose advanced courses based on their interest and inclination. The courses offered in the first two years would help them to make an informed judgment to determine their real interest and their aptitude for a given subject. The fifth year will be devoted to a thesis by research, which completes the requirements of the program. Credits and Coursework Every student has to register for approximately 24 credits in a semester. During Semesters I-IV, she/he has to register for all the courses offered. During Semester V-VIII, she/he can register for up to 30 credits per semester, the minimum being 24. Each credit earned requires 4 hours of study per week.

Semester IX-X During the final two semesters of the program, students do an extended project for six credits that result in the M.Sc. thesis.

1. Course Offered:

S.NO.	Name of Course	Duration of course	Intake	Eligibility Criteria	Tuition fees per Semester
1	Integrated B.Sc. - M.Sc. (Basic Sciences)	05 Years	72	PCM/ PCB in Intermediate	Rs.20,000/-

2. Details of the faculty

Sr. No.	Name of the faculty with Designation	Specialization	Qualification
1.	Prof. Rajesh Kumar **Professor &Co-ordinator**	Bioremediation of Hydrocarbon Stem nanogel Bioremediation	M. Sc.(Microbiology), Ph. D.

3. Other Departmental level Academic Activities.

1) Special Lecture organized by the Department on Various Occasions.

4. Co-curricular/Extra-curricular/Sport Activates.

Cultural programs organized by n various occasions like Teachers day, Welcome, Farewell.

5. Visitors of Department from inside the country (during 01.04.2023 to 31.03.2024).

Visitors to the Department (Within the Country)

I. Prof R.M.Naik, Ex-Professor, Department of Chemistry, Lucknow University, LUCKNOW, UP, India

II. **Prof. O.P.Singh,** Professor, Department of Physics, Institute of Engineering and Technology (IET), Lucknow
III. **Prof. Pankaj Mathur,** Professor, Department of Maths and Astronomy, Lucknow University LUCKNOW, UP, India
IV. **Dr.Alok Kalra,** Ex-Director, Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)Kukrail Picnic Spot Road, LUCKNOW
V. **Dr R.D.Tripathi,** Emeritus Scientist, National Botanical Research Institute (CSIR-NBRI) Lucknow
VI. **Dr. Dinesh Singh,** Head, Division of Crop Protection, ICAR-IISR, LUCKNOW, UP, India
VII. **Prof P.P.Gothwal,** Senior Principal Scientist and Head ,Regional Station, Chinhat Central Food Technological Research Institute (CSIR-CFTRI) Lucknow.

6. Members/fellowship of professional/Academic bodies/ editorial board.

Prof Rajesh Kumar

PROFESSIONAL SOCIETIES MEMBERSHIP

i. LifeMemberoftheAssociationofMicrobiologistsofIndia.MembershipNo.1224 -1998.
ii. Life Member, Indian Science Congress, Membership No. L23732, Agriculture andForestrySciences.
iii. LifeMember,Asean PGPR Society,ICRISATPatancheru, HyderabadHonouraryMember,AseanPGPRSociety.SocietyforAppliedandBasicResearch, Meerut.
iv. LifeMember,MicrobiologistsSociety,India,MembershipNoLM-284,September2019 (Rcpt No. 659).

Dr. Shabnam Khan

I. Life member of The Indian Science Congress Association (membership no. L28038)
ii. Editorial Board Member in Journal of Biological Sciences and Medicine

7. Details of book Chapter in edited volume/ conference volume:-

Prof. Rajesh Kumar

a. Medhi, M.K., Ambust, S., Kumar, R., Das, A.J. (2023). Characterization and Purification of Biosurfactants. In: Aslam, R., Mobin, M., Aslam, J., Zehra, S. (eds) Advancements in Biosurfactants Research. Springer, Cham. https://doi.org/10.1007/978-3-031-21682-4_4

8. Paper published during the year by the faculty members (during 01.04.2023 to 31.03.2024)

Prof. Rajesh Kumar

(a) Bharti S., Singh B., Kumar S., Kumar R., 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.
(b) S Ambust, A Purohit, AJ Das, R Kumar, D Ghosh (2023). Glycolipid Biosurfactant-Assisted Remediation Strategy to Minimize the Petroleum Contaminant Footprint in Environmental Compartments. Water, Air, & Soil Pollution 234 (12), 767. **(IF: 2.90).**
(c) Upadhyay S., Verma S., Dhawan S., Chandra R. and Kumar R. (2023). Isolation, identification and study of antimicrobial property of potential probiotic bacteria from dairy products of Lucknow city. Open Access J Microbiol. Biotechnol. ISSN: 2576-7771. DOI: 10.23880/oajmb-16000276.
(d) Bharti S., Paliya B., Nayaka S. and Kumar Rajesh (2023). Deposition of *Daldiniastarbaeckii* (ELF) functionalized silver nanoparticles on Urinary catheter tube using chitosan polymer to prevent bacterial biofilms formation during UTI infection. Arch of Microbiol. 205: 277. DOI: 10.1007/s00203-023-03608-7. **(IF: 2.667)**

Dr. Shabnam Khan

i) **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.

ii) **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.

Dr. Ranjan Singh

I. Algal consortia as the flexible bio-system for wastewater treatment: Effect of different light intensities on photosynthetic performance, anti-oxidative system and biodiesel production of consortia. Dig Vijay Singh, Atul Kumar Upadhyay, **Ranjan Singh**, Rana Pratap Singh.Biocatalysis and Agricultural Biotechnology 60 (2024) 103299.

II. Glutathione biosynthesis: Metabolic activity in Arabidopsis thaliana under abioticstress environment. **R. Singh**, S. Ranjan, Pratima Kumari, Rajesh Kumar.2024 IJRAR May 2024, Volume 11, Issue 2.

Dr. Jitendra Kumar

i. Varsha Gautam, Mirtunjai Mishra, Khem B. Thapa, Jitendra Kumar,Devendra Singh, Devesh Kuma,' Electronic, optical and spectroscopic properties of N-dialkyl-imidazolium hexafuorophosphate (CNMIM.PF6) ionic liquid crystal molecules investigated by computational methods' **Journal of Molecular Modeling** (2023) 29:274, https://doi.org/10.1007/s00894-023-05672-8

ii. Varsha Gautam, Shivani Chaudhary, Jitendra Kumar, Devendra Singh & Devesh Kumar, Quantum mechanical analysis of halogen-based ionic liquid crystal [C12MIM.X(where X = Cl, Br)] molecules, **Molecular Simulation,**https://doi.org/10.1080/08927022.2024.2307521

9. Attended/ participated in conference/seminar/workshop inside country

a. Sheel Ratna**, Rajesh Kumar**; "Isolation and screening of plant growth promoting-biosurfactant and Ligninolytic producing bacteria for bioremediation of distillerywastewater"at108thIndianScienceCongressheldon3rd-7thJanuary2023organizedinRashtrasantTukadojiMaharajNagpurUniversity,Nagpur.

b. Ajay Prakash, **Rajesh Kumar**; "Biosurfactant assisted bioremediation of crude oiland petroleum hydrocarbon contaminated site." at 108th Indian Science Congressheld on 3rd -7th January 2023 organized in RashtrasantTukadoji Maharaj NagpurUniversity,Nagpur.

c. Rajesh Kumar (2024). Industial waste to wealth: Asustanable future in industrial Microbiology at Graphic Era University 566/6, Bell Road, Society Area, Clement Town, Dehradun, Uttarakhand.

10. Details of MOOC/ online course developed by the faculty

i. ABC has created an online content for MOOC available at link.

11. Details of National Awards/fellowship

Prof. Rajesh Kumar (2024) outstanding research achievement award in discipline of Microbiology, BBAU, Lucknow

12. Students Achievements.

No. Of Students completed their Masters/graduation/Diploma	**Masters In Basic Sciences**	28
No. of Students pursuing higher studies	05	
No. of student selected on other government jobs/banking/school teaching etc.	Govt,. Job	0
	Teaching and Higher education	03
	Teaching	02
	Job	10
	Projects	0

Any other special achievements recorded by the students:

i) Ms. **Astha Priyadarshini** M.Sc. (2020-2025) student qualified GATE Exam in 2024 and secured All India Rank (AIR) 4019 with GATE Score 398.

School of Performing Arts
Department of Music

Coordinator – Dr. Babita Pandey

Department of music has been established in pursuance of resolution of 69th meeting of the Board of Management and in furtherance of the notification no. 2484/BBAU/18 dt. 23.02.2018 and notification no. 609/BBAU/20 dt. 19/03/2020 under the School of Performing Arts. The department has started its first certificate course from the session 2022-23.

An advisory committee has been constituted vide dated on 17.05.2023 letter no:273/8117/BBAU/2023 with following composition :-

1. Prof. Hari Shankar Singh, DE - Chairman
2. Prof. Birendra Nath Mishra (Deptt. of Instrumental Music, BHU) - External Member
3. Dr. Sristhi Mathur,Professor (Vocal Music) (Bhatkhande University, Lucknow) - External Member
4. Prof. Manoj Mishra, Associate Prof. (Deptt. of Taal Vadya, Bhatkhande University,Lucknow - External Member
5. Dr. Neetu Singh,DHDFS - Member
6. Dr. Siddhartha Mukherjee, DPS - Member
7. Dr. Manoj Kumar, DCS - Member
8. Dr. Babita Pandey, DCS - Coordinator

School of Sanskrit & Indic Studies
Department of Sanskrit and Vedic Studies

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-Śāstra, Manuscriptology, Sanskrit Buddhism, Comparative Religions, Ancient Indian Ecology, Vedic Management, Methodologies for Research in Sanskrit, Indian Philosophy, ŚaivaPhilosophy,Sanskrit Language & Literary Theories, Nātyśāstra, Sanskrit Grammar, Pāli&Prākrit Studies". The School Sanskrit and Indic Studies is created for upgrading the Department of Sanskrit while maintaining the scholarship in some of the conventional fields like students. Since its inception, the department has two teachers. 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 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 department of Sanskrit and Vedic Studies, which offers Post-Graduate course in the School Sanskrit and Indic Studies. Presently, the department is offering M.A. Sanskrit programme. The Department has been highly active in organizing academic activities and co-curriculum activities

1. Objectives of the Department:

Negotiate between, and bring together, through interactive projects, the traditional scholars /scholarships and the mainstream University scholars/scholarship.

Undertake maintenance and preservation of heritage texts and manuscripts.

Constitute and expound theoretical framework from the primary intellectual texts of the Sanskrit tradition, and Extend and validate the classical theories by applying them both to contemporary Indian reality (modern Indian Languages, Literature, etc.) And to contemporary European Languages and literature (to reverse the existing data –theory relationship between the Indian academy and to recover theory status for the Indian thought), Undertake comparative research in Indian and western traditions of thought in linguistics ,literacy and cultural theory, philosophy including philosophy of language, metrics and prosody, sociological thought, polity, gender ,and ethnic studies and culture. The school of Sanskrit

and Indic Studies currently has M.A., Ph.D. Programs Courses in Sanskrit, Pali, Sanskrit Computational Linguistics, Philosophy and Vedic Culture. The school is planning to start several new courses and programs soon.

2. Course Offered:

i. M.A. in Sanskrit and Vedic Studies
ii. Ph.D.

3. Facilities available in the department:

Assistant Professor -02

4. Details of Faculty:

i. Prof. Ripu Sudan Singh,
Professor (Political Science)&Head 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.

ii. Dr. Bipin Kumar Jha,
Specialization: Sanskrit Language & Literary Theories, Computational Sanskrit, Indian Philosophy,
Buddhist Studies, Comparative Religions
Qualifications:M.A., M. Phil,Ph.D.

iii. Dr. Ramesh Chandra Nailwal,
Specialization: Sanskrit Literature, Kavyashastra, Saiva Philosophy
Qualifications:M.A., M. Phil.,Ph.D.

5. Members/fellowship of professional/academic bodies/editorial board:
Dr. Bipin Kumar Jha:

i. Seva Chetana, Bhau Deoras Nyasa, Lucknow 2024 Life Member (Since- 2024)
ii. Yadunath Public Library, Paitghat, Lalganj, Darbhanga Bihar 2024 Life Member (Since- Jan2024)

6. Details of Seminar/Conference organized by the department:

i. **'संस्कृत-सप्ताहोत्सव:'**7 days Sanskrit week Celebration 28/08/2023 to 03/09/2023 Offline/Online mode.
ii. Special Lecture on **"पातञ्जल योग दर्शन में यम-नियम की साधना"** 27/10/2023.

7. Other Departmental level Academic Activities:

i. Special Lecture by Prof. Ripu Sudan Singh, Head Department of Sanskrit and Vedic Studies on Fresher / Intro class of new students, 29.02.2024.
ii. Special Lecture on **"विभिन्न भारतीय भाषाओं पर संस्कृत का प्रभाव"** by Prof. Suman KS, 30/09/2023.
iii. Special Lecture by Prof. Ripu Sudan Singh, Head Department of Sanskrit and Vedic Studies on Teacher's Day, 05/09/2023.
iv. Special Lecture on **"भारतीय ज्ञान परम्परा: आत्म निर्भर भारत"**by Prof. Vijay Kumar Karn. 18/04/2023.
v. On09/04/2023, students of the Department of Sanskrit and vedic studies visited Lucknow University and Uttar Pradesh Sanskrit Sansthan as part of the Outreach Program.

8. Co-curricular/Extra-curricular/sports Activity by the department:

i. Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewelletc.;Plantation drives.

8. Visitors of Department from inside the country:

i. Prof. Shrinivasa Varkhedi, Hon'ble Vice-Chancellor Central Sanskrit University-New Delhi.
ii. Prof. Shishir Kumar Pandey, Hon'ble Vice-Chancellor Jagadguru Rambhadracharya Divyanga University Chitrakoot, UP.

iii. Prof. Vijaya Kumar Karn, Nalanda, Bihar. (Hybrid Mode)
iv. Dr. Amrita Kaur, Moocs Coordinator, Central Sanskrit University (HQ), New Delhi. (Hybrid Mode)
v. Prof. Madhu Sudan Penna, Kavi Kul Guru Kalidasa Vizva Vidyalaya, Nagpur. (Hybrid Mode)
vi. Dr. Gita Shukla Lakhimapurkhiri, Uttar Pradesh. (Hybrid Mode)
vii. Dr. Priti Shukla Central Sanskrit University, New Delhi. (Hybrid Mode)
viii. Dr. Sumana K. S., Chennai. (Hybrid Mode)
ix. Prof. Sukhabir Singh, Nalanda University. Bihar. (Hybrid Mode)

9. Visitors of Department from outside the country:

- Prof. Asanga Tilakratne, Emeritus Prof. Buddhist Studies University of Colombo, Sri Lanka (Hybrid Mode)

10. Details of Book written/edited by faculty members:-

i. Dr. Bipin Kumar Jha:

a) 2023 Sanskrit-Bauddha Granthoṃ kā Paricaya A Basic Text on Sanskrit Buddhism, Under E-Kumbha Project, UGC, India
b) 2023 Bharatiy a saundarya shastra manovigyanam, New Delhi: Manyata ISBN 978-935377020-04

ii. Dr. Ramesh Chandra Nailwal:

- 2023, काश्मीर शैव दर्शन का सामान्य परिचय, Under E-Kumbha Project, UGC, India. (Under Publication)

iii. Details of editing journals and magazines:-

- **Details of Book Chapter in edited volume/conference volume:**
- **Dr. Bipin Kumar Jha:**
- 2023 Lexicography in Mithila : An Amarkosh Perspective, Translation and Its Scope in Contemporary World (Central Sanskrit University, Jaipur), Chapter-10, ISBN-978-81-963-940-0-4, First Edition, pp94-98
- In contemporary world edited by Dr. Kanta Galani, ISBN: 978-81-963940-0-4, Publisher Central Sanskrit University, Jaipur, 2023.

Dr. Ramesh Chandra Nailwal:

- 'भारतीय ज्ञान परम्परा''Chapter published in Dr. Anita & Dr. Jitendra edited book on, "वाङ्मञ्जूषा", Published by शासकीय स्नातकोत्तर महाविद्यालयदमोह, मध्यप्रदेश & कुटज पब्लिकेशन, नवदेहली. 2024. (ISBN: 978-968256-1-4)

16. Paperpublishedduringtheyearbythefacultymembers:

i. Dr. Bipin Kumar Jha:

a) 2024 UGC-272864024 jagajjananījānakīevaṃjagatparipālakaśrīrāmacandrakāprajānuraṃjakatva, Seva Chetana, Bhau DeorasNyas, Lucknow ISSN 22314660 Year 24 Issue 1 Jan-June 2024 P.
b) 2024 UGC-272864024 BihāraKīPrāṇādhāra-Tridevī :Kosī, Kamalā Aura Bāgamatī, Seva Chetana, Bhau DeorasNyas, Lucknow ISSN 22314660 Year 23 Issue 2 Jul-Dec 2023 P. 73-76
c) पदचतुष्ट्य सिद्धान्त समीक्षा, वाक्यार्थ भारती,*Shri Rajiv Gandi Capus, Central Sanskrit University Journal, Shringeri, Karnatak, ISSN-2320-740X UGC Care listed, 2023-24.*
d) *Tatsama* and Ccomposite Culture in India, Jahnavi Sanskrit E-Journal 0976-8645, 2023, 50-51 II, 41039, 197-203.

ii. Dr. Ramesh Chandra Nailwal:

a) 'काश्मीरे काव्य शास्त्रीय टीका-परम्परा'', Paper published in UGC Care Listed Journal शोध-प्रभा, published by श्री लाल बहादुर शास्त्रीय-राष्ट्रिय-संस्कृत-विश्वविद्यालय, नवदेहली, 2023 (ISSSN-0974-8946).
b) 'उपमानप्रमाणम् :अवधारणा समीक्षाच'Paper published in UGC-Care Listed International Refereed & Peer-reviewed Research Journal शोध-विमर्श, published by केन्द्रीयसं स्कृत विश्वविद्यालय, नवदेहली, Jan-March 2023 (ISSSN-0975-1769).
c) 'भारतीयता के प्राणभगवान्राम'Paper published in UGC-272864024 *सेवाचेतना*Journal, Published by

BhauraoDeorasNyas, Lucknow (ISSN 22314660 Year 24 Issue 1 Jan-June 2024.

17.Attended/Participated in conference/seminar/work shopin side country:-

i. Dr. Bipin Kumar Jha:

a) Participated in Guru Dakshata (Faculty Induction Programme) from 15 Dec 2023 to 13 Jan 2024 (online), organized by UGC-MMTTC, University of Lucknow, Lucknow.

ii. Dr. Ramesh Chandra Nailwal:

b) Participated in Guru Dakshata (Faculty Induction Programme) from 15 Dec 2023 to 13 Jan 2024 (online), organized by UGC-MMTTC, University of Lucknow, Lucknow.

18. Consultancy work, if any:

i. Paid Consultancy with a mountreceived

a) Dr. Bipin Kumar Jha is a subject expert for TCS.

i. Free Consultancy with details of client

a) Dr.Bipin Kumar Jha is providing consultancy for UGC aspirants free of cost.

19. Details of MOOC/online courses developed by the faculty:

i. Dr. Bipin Kumar Jha is preparing for MOOCs Title: Bhartiya Saundrya Sastra ka parichay, (under process).

20. Detailsofinvitedlectureinsidethecountry:-

i. Dr. Bipin Kumar Jha:

- 2024 Delivered the Invited Lecture as a resource person (Chief Speaker) in the First Youth Conference-2024 (National Conference) on Indian Knowledge System & Technology organized by Sri Mahaveer Jain Evening College, Under Bengaluru City College, Bengaluru, Title- Technology and Sanskrit Special Reference to AI Tools, on 15.05.2024.
- 2024 Delivered the Invited Lecture as a resource person in the International Seminar on Bharatiyajyanparamparayam Kalidasah at JNBAS Lagama Under Central Sanskrit University, Title of lecture- Various Eco-centric Goals for the Sustainable Development of the Nation accordance with 'Kalidas' Texts on 16.03.2024.
- 2024 Delivered the Invited Lecture as a resource person in the Vichar Goshthi at Uttarpradesh Sanskrit Sansthan, Title of lecture- Adhunikyuge RamarajayasyaUpadeyata on 02.03.2024.
- 2024 Delivered the Invited Lecture in a National Seminar sponsored by the Commission for Scientific and Technical Terminology, Ministry of Education at Raghunath Kirti Campus of Central Sanskrit University, Devaprayag, UK, Title of lecture- TakanīkiŚabdoṃkeŚāstrīyaevaṃVyāvahārikaPakṣa on 16.02.2024.
- 2024 Delivered the Invited Lecture as a subject expert in a National Workshop Jointly Organized by Bharatiya Bhasha Samiti, New Delhi, Central Sanskrit University, Lucknow, and Shrinivas-Bodhayan-Ramanuj-Sanskrit Mahavidyalay, Ayodhya, UP on 'Saral Manak Sanskritam' at Ayodhya on 11.02.2024.
- 2024 Delivered an Invited Lecture in the All India Vedic Conference at Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur UP, Title of lecture- VedārthānuśīlanameṃChandaśāstrajñānakīAparihāryatāevaṃTadgataSaṅgaṇakīyaUpakaraṇaNirmāṇakāAucitya on 06.02.2024.
- 2024 Delivered an Invited lecture in the International Seminar on Contemplation of Relations Between Rik and Sam (RiksamsamayohSambandhamimamsa) at Central Sanskrit University, Luck collaboration with bnDeen Dayal Upadhyaya Gorakhpur University, Gorakhpur UP, Title of lecture- SamasamayikSandarbheVedopabrimhitGyanasyaUpadeyatvam on 04.02.2024.
- 2024 Delivered a Special lecture series to Ph.D Scholar. Lecture organized by Central Sanskrit University, Lucknow, Jun 29-31 2024
- 2024 Delivered a Special lecture in the International Seminar on Sanskrit ShikshanparamparayahSanrakshanamVikashasca, organized by Sampurnanad Sanskrit University in collaboration with Vaishvik Sanskrit Manch, New Delhi and Sanskrit Vidyalay-Shikshak-Samiti, UP, Title of the lecture "Sanskrit ShikashnParamparayahMulatatvaani" on 17-

18.01.2024.

- 2023 Delivered the lecture as Resource Person, Yuvaspanda at Kavikulguru Kalidas University, Ramtek, Nagapur, MP, Title of the lecture "Techno-Smart Sanskritist - Future of Sanskrit Field" on 20.12.2023.
- 2023 Delivered a special lecture as Resource Person in National Seminar, Lucknow University, Title of lecture- SaṅgaṇakīyaSaṃskṛteJīvikopārjanasyaUpāgamasādhanāni on 04.12.2023.
- 2023 Invited as a Subject Expert in the NEP Implementation Seminar at Lucknow Campus of Central Sanskrit University on 25-26.11.2023.
- 2023 Delivered the lecture as Resource Person, Course Name (ST& MT -02) Information Technology and Machine Translation Sanskrit Month Celebration at Jaipur Campus of Central Sanskrit University, Jaipur, Title of lecture- Sanskrit, Saṅgaṇaka, SamasāmayikaViśvaevaṃYāntrikānuvāda on 16.11.2023.
- 2023 Delivered the lecture as the Vishishtvakta (Resource Person), Sanskrit Month Celebration at Thakur Prasad College Under BN Mandal University, Madhepura, Bihar, Title of the paper Sanskrit & Maithili Literature: Present Past & Future on 15.09.2023.
- 2023 Delivered the lecture as the Chief Guest in a national Webinar, Organized by Govt S. K. College Mauganj, MP sponsored by Higher Education MP Government, Title of the paper Mūlya-ādhāritaśikṣākeUddeśyaauraPrabhāvaon 28.08.2023.
- 2023 Delivered the lecture as the (Sarasvata Atithi) Resource Person in The Sanskrit Week Celebration, Organized by Central Sanskrit University, Vedavyas Campus-HP, and Title of the paper TakanīkiyugesminSaṃskṛtādhyayanasyaāvaśyakatā on 27.08.2023.
- 2023 Delivered the lecture as the Resource Person in a Two Days International Conference, Organized by JNBASM Under Central Sanskrit University.Lagama, Darbhanga, Bihar, Title of the paper- Mithila SanskritihSamadhanula, on 11.08.2023.

ii. Dr. Ramesh Chandra Nailwal:

- Delivered an Invited Lecture (Online) as मुख्य वक्ता on 'मिथिलायाःसंस्कृतनाट्यकाराःतद्वैशिष्ट्यञ्च' in त्रिदिवसीयान्त राष्ट्रिय संस्कृत सम्मेलनम् organized on the theme "मिथिलायां शास्त्र परम्पराया वैशिष्ट्यम्" by the जगदीश नारायण ब्रह्मचर्या श्रम आदर्श संस्कृत महाविद्यालय, लगमा, दरभंगा, बिहार on 28-30 March 2024.
- Delivered an Invited Lecture (Online) as मुख्यवक्ता on 'वर्तमान वैश्विक सन्दर्भे कालिदासस्य नाटकानां प्रासङ्गिकता' in एक दिवसीयान्त राष्ट्रिय संगोष्ठीorganized on the theme, "भारतीयज्ञान-परम्परायां कालिदासः" by the जगदीश नारायण ब्रह्मचर्या श्रम आदर्श संस्कृत महाविद्यालय, लगमा, दरभंगा, बिहार on 16 March 2024.
- Invited as a Subject Expert of संस्कृत वार्ता लेखन एवं अनुवाद स्पर्धा on क्षेत्रीय युवमहोत्सव 2023 organized by Central Sanskrit University on 05 Nov 2023.
- Invited as a Subject Expert in भवानी भारती अन्तर्विद्यालयीय प्रतियोगिता organized by Seth. M.R.Jaipuria School, Lucknow on 31 Oct 2023.

21. Details of invited lecture out side the country: -

i. Dr. Bipin Kumar Jha:

a) 2024 Abstract Accepted. International Conference on "Dialogue between the Ethics of Aśvaghoṣa's Buddhacaritam and The Bhagavadgītā: Contradictory or Complementary?" in Shrilanka, March Dec-2024.

22. Details of National Award/fellowship:-

a) Dr. Bipin Kumar Jha awarded Pandit Pratap Narayan Mishra Yuva Sahityakar Award 2023 by Bhavdevras Trust Lucknow.

23. Student's achievements : Accomplishments of Students:

	Course	Session	No. of Students
Number of students completed their Masters/ graduation/ Diploma	MA Sanskrit	2022-24	05

ii. Ph.D Awarded during the year. : Ph.D. course introduced by 2023

Google profile of the faculty members:

Dr. Bipin Kumar Jha:
G-Scholar :https://scholar.google.com/citations?user=aTEXt4IAAAAJ&hl=en

Dr. Ramesh Chandra Nailwal:
G-Scholar:https://scholar.google.com/citations?user=D5a5dsoAAAAJ&hl=en

School of Yoga, Naturopathy and Cognitive Studies
Department of Yoga

Yoga is an ancient Indian science that encompasses physical, mental and spiritual practices.In recent years, it has become increasingly popular around the globe due to its numerous health benefits. Regular practice of yoga can promote physical strength, flexibility, and balance while also enhancing mental clarity and reducing stress. There are several health benefits mentioned in ancient yogic texts as well as scientific literature. The major benefits of yoga include muscular flexibility, strength, and postural stability. Further, yoga practice showed stress reduction and mental clarity and focus, cardio-respiratory functions and improvement in sleep quality. Overall, yoga is suitable for people of all ages and fitness levels. Incorporating yoga into the educational setting can contribute to a more holistic approach to learning, not only academic development but also the mental, emotional, and physical wellbeing of the individuals.

Keeping in view the importance of Yoga in educational setting, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow had established a Yoga Department in 2020.

Short-Term Goals:

- **Establish a Comprehensive Curriculum:** Develop and implement a well-structured curriculum that covers various aspects of Yoga, including theory, practice, anatomy, physiology, philosophy, and therapeutic applications.
- **Infrastructure Development:** Set up fully equipped Yoga studios, classrooms, and research facilities. Ensure that these facilities support practical sessions, academic learning, and research activities.
- **Launch Short-Term Courses and Workshops:** Offer short-term certification courses, workshops, and seminars to attract students and professionals from different disciplines, promoting Yoga education and awareness.
- **Collaborations and Partnerships:** Establish collaborations with other universities, Yoga institutes, and healthcare facilities for academic exchange, joint research, and practical training opportunities.
- **Student Recruitment and Outreach:** Implement strategies to attract students, including awareness campaigns, open houses, and participation in educational fairs.

Long-Term Goals:

- **Establish a Center of Excellence in Yoga Studies:** Aim to become a leading center for Yoga education, research, and practice, recognized both nationally and internationally.
- **Expand Academic Programs:** Introduce advanced degree programs such as Master's and Ph.D. programs in Yoga Studies, integrating interdisciplinary approaches and innovative research methodologies.
- **Research and Innovation:** Foster a robust research culture within the department, focusing on the therapeutic benefits of Yoga, its integration into modern healthcare, and its role in promoting overall well-being. Publish research findings in reputed journals and contribute to the global body of knowledge on Yoga.
- **Community Engagement and Outreach:** Develop community programs that offer Yoga classes, wellness workshops, and health promotion activities to the public, emphasizing the practical applications of Yoga in everyday life.
- **Alumni Network and Career Development:** Establish a strong alumni network and career services to support graduates in finding employment and advancing in their careers. This includes partnerships with healthcare institutions, wellness centers, and educational organizations.
- **Accreditation and Recognition:** Achieve accreditation and recognition from national and international Yoga organizations and educational bodies, enhancing the department's credibility and appeal.
- **Global Engagement:** Establish international collaborations for student and faculty exchange programs, joint research projects, and global conferences. This will position the department as a hub for global Yoga education and research.

By achieving these short-term and long-term goals, the Yoga Department at Babasaheb Bhimrao Ambedkar University can establish itself as a leader in Yoga education and research, contributing to the academic and practical understanding of Yoga and its benefits.

1. Course Offered

The BBA University offers following courses in Yoga i.e.,

(i) M.A. Yoga (intake capacity 25)
(ii) M.Sc. Yoga (intake capacity 25)
(iii) Certificate course in Yoga (intake capacity 50)

Objectives of the Program

- Impart the knowledge of Traditional System of Yoga Philosophy, Theory, and practical knowledge.
- To bring awareness of Yoga based lifestyle interventions for prevention of disease and promotion of health.
- To create peace, health and harmony through yoga
- To develop yoga therapist, teacher, researcher, and instructor who can work on human health and wellbeing.
- To prevent mainly Non-communicable diseases among faculty, students, and staff with Yoga and Naturopathic medicine

2. **FacilitiesavailableintheDepartment- (01) Department of Yoga**

Details of Faculty: Number of faculty in the School(strength of non-teaching staff may alsobe specified)**:**

i) **Prof. Bal Chandra Yada, Dean, Department of Yoga**
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
Qualification:MNASc, Ph.D.

ii) **Prof. Harishankar Singh, Head, Department of Yoga**
Specialization: Teacher Education, Philosophy & Sociology of Education, Environmental Education, Educational Administration and Management etc.
Qualification: M.A., M.Ed., Ph.D.

iii) **Prof. Sharad Kumar Sonkar, Coordinator, Department of Yoga**
Specialization: Electronic Resource Management, Digital Libraries, Library Automation and networking, Emerging Trends and Technology in LIS,
Qualification:BSc., MLISc, PGDCA, NET, PhD (LIS),DLIS

iv) **Dr. Deepeshwar Singh, Associate Professor, Department of Yoga**
Specialization: Teaching Yoga Philosophy, Yoga Therapy and Yoga Research-Electrophysiology/ Neuroimaging/ Psychophysiological Research.
Qualification:B.Sc., PGDCA, M.Sc., NET, Ph.D. (Yoga)

v) **Dr. Narendra Singh, Assistant Professor, Department of Yoga**
Specialization: Hathyoga, Yoga Darshan, Indian Philosophy, Yoga Therapy, Shrimadbhagwad Geeta
Qualification:B.A., M.A., Ph.D.(Yoga)

vi) **Dr. Naveen GH, Assistant Professor, Department of Yoga**
Specialization: Yoga and Psychiatry, Yoga &Naturopathic Medicine
Education: BNYS, M.Sc., Ph.D.(Yoga)

Non-Teaching staff

i) **Ms. Poornima Singh, Data Entry Operator, Department of Yoga**

ii. **Special highlight of the schools, if any:** Department of Yoga has been regularly conducting morning yoga classes for the University Students, Faculty members, staff of the BBAU, and general public since 2021. The main objective of this session are to promote the health and prevention of disease. The Yoga session has been held from 6 am to 7 am. In addition,Yoga and Naturopathic medicine related consultation, lifestyle/diet counselling, hydrotherapy,

physiotherapy, fasting therapy, botanical medicine and Yoga therapy has been advised to the faculty, staff & students on a regular basis weekly thrice between 45 pm at University Health centre from a registered medical doctor in Yoga& Naturopathic Medicine. Further, regular health camps/seminars have been organized to bring awareness among the same population.

iv.Citation-index of the School:

i. Dr. Deepeshwar Singh, Citations - 436
ii. Dr. Narendra Singh, Citations -19
iii. Dr Naveen G H: research citations - 90

v. Any other information): Department of Yoga, The School ofYoga, Naturopathy & Cognitive Studies at BBAU, Lucknow is a new initiative of the university, and it is a vision of Hon'ble Vice-Chancellor Prof. Sanjay Singh, BBA University, Lucknow.

For Head of the Departments

i. **Name of the Department:** Department of Yoga
ii. **Courses offered:** Two courses were offered in the Session 2023-2024:

i.**Title of the Program:** M.A/M.Sc. Yoga

Objectives of the Program

- Prevention: To introduce yoga therapy, its principles and practices of yoga for prevention of various lifestyles, non-communicable and psychosomatic disorders.
- Promotion of positive health: To prepare them for giving talks and offer techniques to promote healthy yogic lifestyle.
- Treatment: To create professional therapists of high calibre who know the concepts, techniques and can handle lifestyle disease under the guidance of a super specialist doctor to select safe specific practices for different diseases.
- Social Health: To establish holistic health, social harmony and world peace by training them to be great citizens who can offer yogic way of life as examples of right living.

ii **Duration of the course:** Two Years

iii **Eligibility**: B. A. / B.Sc. in Yoga/ Graduate in Science / Arts / Commerce with 50% marks (45% for SC/ST/PwD) from recognized University / Institute.

ii. **Title of the Program:** Certificate Course in Yoga i **Objectives of the Program:**

- To introduce basic wellness principles and practices of Yoga
- To bring awareness of fundamentals of Yoga for wellness in the daily lives.
- To create teachers to teach Yoga for wellness in the society
- To create peace and harmony through Yoga

ii **Duration of the course:** The duration of the CPY course will be SIX months (1 semester)

iii **Eligibility:** Eligibility of the candidate seeking admission: The candidate should have completed 12th Standard from a recognized board or equivalent.

3. Facilities available in the Department (like Departmental Library, Moot court etc.): Yoga Hall and Yoga Mats for Yoga practitioners

4. Details of faculty

i.Prof. Harishankar Singh Head, Department of Yoga ii.Prof. Sharad Kumar Sonkar, Coordinator of the Department of Yoga iii.Dr. Deepeshwar Singh, Associate Professor, Department of Yoga iv.Dr. Narendra Singh, Assistant Professor, Department of Yoga v.Dr. Naveen GH, Assistant Professor, Department of Yoga

5. Members/Fellowship of professional/Academic bodies/Editorial board (Kindly don't furnish confidential work) –

- Dr. Deepeshwar Singh – Editorial Member of –

International Journal of Yoga [ISSN # 0973-6131]– Editorial Board Member Journal of Applied Consciousness Studies (P-ISSN: 2949-6993; E-ISSN: 2949-7000) – Executive Editor

- Dr Naveen G H
  2009-present National committee member of Indian Naturopathy and Yoga Graduates Medical Association (INYGMA)
  2023-Life member, The Association of Physiologists and Pharmacologists of India (APPI)

6. Details of the Seminar/Conference/Webinar organised by the Department.

Year	**Name of the workshop/ seminar**	**Number of Participants**	**Date From – To**
2023	National webinar on relevance of Yoga in daily life	110 registered participants	13 June, 2023
2023	Workshop on Yoga Therapy	60	16 February 2023
2023	Webinar on Naturopathy & Yoga	45	17 November, 2023

7. Other Departmental level Academic Activities (Academic activities that includes lecture series, guest lectures etc, details about essay/quiz competition etc) –

i) Organized Quiz Competition on Yoga held on 12/06/2023– on the eve of International Yoga Day 2023

ii) Faculty Induction Program

Dr Narendra Singh
Completed Faculty Induction Program from Ramanujan College, Delhi University from October 22, 2024 - November. 20, 2024 with A+ Grade

Dr Naveen G H
Completed Faculty Induction Program from Ramanujan College, Delhi University from Jan. 22, 2024 - Feb. 20, 2024 with A+ Grade

8. **Details of co-curricular/Extra-curricular/sports Activities(celebration of the various important day, sports events, cultural programmes, plantation drive etc)**

Name of the activity	**Organising unit/ agency/ collaborating agency**	**Name of the scheme**	**Year and date of the activity**	**Number of participants in such activities**
International Day of Yoga	Department of Yoga in collaboration with Yoga Wellness Center and Inter University of Yogic Sciences (IUCYs)	9th Internationa l Day of Yoga	21 June 2023	350

Yoga Mahotsav	Department of Yoga in collaboration with Yoga Wellness Center and Inter University of Yogic Sciences (IUCYs)	Yoga Mahotsav	21 May to 21 June 2023	51
Yoga and Naturopathy Health Awareness Program (Consultation & Treatment)	BBAU, Lucknow	Naturopathy Day	November 16 & 17, 2023	45

9. **Visitors of Department from inside the country (during 01.04.2022 - 31.03.2023) –** i. Dr Swami Parmath Dev ji (Assistant Professor), University of Patanjali, Haridwar Addressed BBAU students and staff on VartmaanPariprekshyameinBhagwad Geeta evamUpanishadonmeinVarnitJivan Darshan

10. **Details of Book Chapter in edited volume/ conference volume –**
    i. Singh, Deepeshwar; Bhat, Raghavendra; Vinchurkar, Suhas: 'Cognitive sensors for rehabilitation and therapeutic treatment' (Control, Robotics and Sensors, 2023), 'Cognitive Sensing Technologies and Applications', Chap. 4, pp. 99-118, DOI: 10.1049/PBCE135E_ch4. IET Digital Library, https://digitallibrary.theiet.org/content/books/10.1049/pbce135e_ch4.

11. **Paper Published during the year by the faculty members (during 01.04.2023-31.03.2024) –**

i. Dr. Deepeshwar Singh

i. Vidyashree, M., Deepeshwar, S., K, M. N., Kaligal, C., Kanthi, A., Krishna, D., Raghuram, N., Bathala, L., & Sharma, V. K. (2024). Cerebral Haemodynamic Changes in Type 2 Diabetes Mellitus Following a Three-Month Yoga Intervention: A Randomized Controlled Trial. *Cureus*, *16*(1), e51548. https://doi.org/10.7759/cureus.51548.

ii. Kanthi, A., Deepeshwar, S., Manjunath, N. K., &Nagarathna, R. (2024). Changes in Electrical Activities of the Brain Associated with Cognitive Functions in Type 2 Diabetes Mellitus: A Systematic Review. *Clinical EEG and neuroscience*, *55*(1), 130–142. https://doi.org/10.1177/15500594221089106.

iii. Amit, K., Deepeshwar, S., Kaligal, C., Mahadevappa, V., & Krishna, D. (2023). Changes in Heart Rate Variability and Executive Functions Following Yoga Practice in Type 2 Diabetes Patients: A Pilot Study. *Advances in mind-body medicine*, *37*(1), 4–10.

iv. M. Vidyashree, C. Kaligal, A. Kanthi, D. Krishna & S. Deepeshwar. Long-Term Yoga Practise Regulates Worry and Quality of Sleep in Type 2 Diabetes Mellitus. *Sleep Vigilance***8**, 139–149 (2024). https://doi.org/10.1007/s41782-02400266-7.

v. Kanthi, A., Deepeshwar, S., Chidananda, K., Vidyashree, M., & Krishna, D. (2024). Event-Related Potential Changes Following 12-week Yoga Practice in T2DM Patients: A Randomized Controlled Trial. *Clinical EEG and neuroscience*, 15500594241249511. Advance online publication. https://doi.org/10.1177/15500594241249511

ii. Dr. Narendra Singh

a) Bhardwaj, V., Singh, N., Yaugicgranthonmeinvarnit Pranayama ka Sharir par Sukshma Prabhav- Ek adhyan. *Journal of Emerging Technology and Innovative research (JETIR)*, 10 (9), 489-499, ISSN: 2349-5162. **https://www.jetir.org/view?paper=JETIR2309674**

iii. Dr. Naveen G.H.

b. Naveen G Halappa, Kamlesh Jha, Vijayabanu U, Harishankar Singh (2023). Impact of Yoga as an Add-On Intervention on Neurocognitive Functions Among Adult Athletes: A Pilot Study. Cureus. 15(9): e44797.

12. **Participated/ Paper Presented in conferences/seminar/workshop inside country –**

Dr. Deepeshwar Singh

i. Resource Person in the National Workshop on the Concept of Samadhi Ashtang Yoga Ke Aath Prahar (11-08-2023) Atal Bihari Bajpayi University
ii. Resource Person in the 94th Online Faculty Induction Program (2-03-2024) Babasaheb Bhimrao Ambedkar Bihar University,Muzaffarpur on the topic Yoga for Health & Wellness
iii. Resource Person – Evidenced Based Yoga for Holistic Health Relevance of Yoga Education in the Present Scenario at Mahapurusha Srimanta SankaradevaViswavidyalaya, Nagaon, Assam, India (27-03-2024)
iv. Guest Speaker & Session Chair Role of Yoga, Yagya, and Ayurveda for Women's Health (7-8 December 2023) Sriram Yoga Training & Research Society in collaboration with AIIMS, Rishikesh International (Within Country)
v. Chairperson in Symposia – Empowerment Through Sports 25th International Conference on Frontiers in Yoga , Research and Its Applications (6-01-2024) Swami Vivekananda Yoga AnusandhanaSamsthana, Bengaluru.
vi. Jury Member at Oral Presentation 25th International Conference on Frontiers in Yoga, Research and Its Applications (5-01-2024) at Swami Vivekananda Yoga AnusandhanaSamsthana, Bengaluru.
vii. Resource Person - Relevance of Biomedical Instrumentation and signal processing in Yoga Research Advanced handson training on biomedical signal acquisition and analysis (04-08-2023) National Institute of Technology, Raipur

Dr Narendra Singh

i. Shri Arvind Ghosh Ji keShaikshikVicharon ki Prasaangikta, SamsamyikSandarbhmein in seminar on Shri Arvind ka Shaikshik Chintan evamRaastriy Shiksha Niti-2020 (10-11 August-2023) at Department of Education, BBAU, Lucknow, Uttar Pradesh National
ii. **Invited Speaker on** Relevance of Yoga in Daily Life in the 2nd International Conference (Hybrid Mode) on Yoga For Holistic health (29-30 May- 2023) Central Sanskrit University, Shri Ranbir Campus, KotBhalwal Jammu.

Dr Naveen G H

i. Chairperson in the session on Recent advances in Naturopathic Medicine, International conference on
ii. Naturopathy (17-18 November 2023) Patanjali Yogapeeth, Haridwar in collaboration with Central Council for Research in Yoga and Naturopathy, Ministry of AYUSH, Govt. of
iii. India International (Within country)
iv. Invited speaker on Integration of yoga within exercise and sports science for musculoskeletal injuries/disorders and mental disorders in a 25th INCOFYRA, Integrative sports medicine & rehabilitation (3-6 January 2024) at SVYASA University, Bengaluru
v. Key note speaker on Evidence based Naturopathic medicine and Yoga in NCDs in National Seminar on "Challenges and opportunities of Ayurveda in the context of present Era (2628, July, 2023) atRajakiya Ayurvedic college, Patna
vi. **Resource person/speaker on** Evidence based Yoga in Depression inNational webinar on relevance of Yoga in daily life organized by Department of Yoga, BBAU 13th June 2023 at SES conference Hall, BBAU.
vii. **Resource person/speaker on** Evidence based Naturopathic medicine and Yoga in NCDs"Seminar on Naturopathy Department of Yoga, BBAU 17/11/ 2023 held at SES conference Hall, BBAU.

13. **Attended/participated in conferences/ seminar/workshop outside country –**

Dr. Deepeshwar Singh

i. Workshop on Yoga and Ayurveda for Students of Reimagining body program , One Day workshop (2-12-2023) organized by The Evergreen State College, 2700 Evergreen Pkwy NW, Olympia, WA 98505, United States International
ii. Integrated approach- Yoga for holistic Health Ancient Science of Ayurveda & Yoga Today &

Tomorrow of Well Being (2nd Annual International Conference) (15-06-2023) Ukrainian Association of Ayurveda – Yoga and Embassy of India, Kyiv International

iii. Jury Member of Ancient Science of Ukrainian Association International National Yoga Photo Contest, Ukraine - 2023 Ayurveda & Yoga Today & Tomorrow of Well Being (2nd Annual International Conference) (16-06-2023) of Ayurveda – Yoga and Embassy of India, Kyiv

14. **Details of Research Projects (major and minor)**

Dr. Deepeshwar Singh

Research project titled "Mapping psychoacoustical, neurophysiological and Cognitive benefits of yoga and meditation: a cross-sectional Study across age" funded by Department of Science and Technology for 2 years with Grant of Rs 18,00,000.

Research project titled "Investigating EEG and fNIRS signatures for different types of meditation – An Artificial ntelligencebased approach for evaluation and validation" funded by Department of Science and Technology for 3 years with Grant of Rs 27,54,000.

Research project titled "Effect of virtual-yoga and in-person yoga for individuals with common mental health disorders in the community: a randomized controlled trial" funded by Department of Science and Technology for 3 years with Grant of Rs 37,90,864.

Dr Narendra Singh (CO-PI)

Research project titled "Yogic GranthomeinPratipadit Abhyaas aur Vairagya ki adyaPrasaangikta (AvyavasthitMaanviyaJivanshailikeVisheshSandarbhmein)" funded by ICSSR for 3 years with Grant of Rs 5,00,000.

15. **Details related to Good Governance at the Department level to ensure transparency/student participation/ time bound results etc.**

In order to maintain Good Governance, Department of Yoga has developed following guidelines that will uphold the high ethical standards, and transparency in the department.

i. **Transparency-**Department student related information should be accessible, understandable, and monitored by the students.

ii. **Student Participation-** Participation of students in various departmental activities in the Yoga department is very important. Because when students participate in departmental activities, they work with enthusiasm. For this purpose, students participate in the department activities.

iii. **Time Bond Result-**The result of the students are prepared on time by the department.

16. **Student achievements**

- Faculty wise ___supervision of the Ph.D. and M.Phil. Student/**Dissertation** andthesis submission/degree awarded.

Name of the Faculty	**Number Enrolled**	**Dissertation** and Thesis Submitted	Degree awarded
Dr. Deepeshwar Singh	05 PhD Students • Krishna Dwivedi, S-VYASA University • Amit Kanthi, S-VYASA University • Krishna Chaitanya, S-VYASA University • Chidananda M, S-VYASA University • Kanika Verma, S-VYASA University	Yes	Yes
	3 students Awarded Dissertation 2023	Yes	Yes

	1.Ajay Kumar 2. SubhanshiAgrahari 3. Tarun Chandra		
Dr Narendra Singh	3 students Awarded Dissertation 2023 1.Atul Kumar 2.Nitish Kumar 3.Shiva Jaiswal	Yes	Yes
Dr Naveen G H	2 students Awarded Dissertation 2023 1.Amit Mishra 2.Bhramar Verma	Yes	Yes

- **Number of student completed their Masters (2023-2024):**The first batch of M.A/M.Sc. Yoga will be completed in the year2024.

17. **Google profile of the faculty members, if available. –**

a. Dr. Deepeshwar Singh, Associate Professor

	All	Since 2019
Citations	485	390
h-index	13	10
i10-index	14	13

b. Dr. Naveen G. H., Assistant Professor

	All	Since 2019
Citations	658	426
h-index	9	9
i10-index	9	9

Other Important Departments/Centres/Section/Cell - Yoga Wellness Centre.

About Yoga Wellness Center

The Yoga Wellness Centre has been started at Health Centre, BBAU since 14-08-2019. At Yoga Wellness Centre, with the help of yoga & Naturopathy, problems related to everyday human life are addressed.

Objectives of Yoga Wellness Centre

- To provide positive impulses & consistence towards Health
- To preserve wellness through Yoga Aasan, Pranayaam, Dhyaan and Meditation
- To provide relief from Heavy Diseases and Retain Health
- To maintain daily life routine, Intake food and educate every person, how to main his/her health.
- To promote Yoga among young generations.
- Even during the ongoing pandemics Yoga was performed by a large of volunteer staff members as well as students through online mode.

School of Engineering and Teachnology
Department of Civil Engineering

The Department of Civil Engineering focuses on a multifaceted growth of students and is designed to equip them not only with the core theoretical and practical fundamentals of the discipline, but also evolve them into confident individuals, ready to make an impact on whatsoever profession (industrial work, research, entrepreneurship) they choose to pursue. Currently, the department offers B. Tech program. Civil Engineering is concerned with the improvement in quality of basic needs of human civilization and taking care of the naturally and humanly built environments with their planning, designing, construction, operation and maintenance. It is the branch with a lot of diversity from geotechnical sciences to structural engineering, environmental to hydraulics, transportation to hydrology. This department is student-oriented and multi-faceted research prone and is dedicated to work together to build a sustainable future through the development of civil infrastructure and betterment of global environment.

1. **Course Offered:**
   i. B. Tech. Civil Engineering.

2. **Facilities available in the department:**
   i. Laboratory
   ii. SmartClassroom.

3. **Details of Faculty:**
   i. **Dr. Manvendra Singh Chauhan,**
   Associate Professor & Coordinator,
   Department of Civil Engineering
   Specialization: Water Resource Engineering, River Hydraulics, Hydraulic Modeling.
   Qualifications: M. Tech. Ph. D
   ii. **Dr. Padam Jee Omar**
   Assistant Professor
   Department of Civil Engineering
   Specialization: Ground Water Management, Remote Sensing & GIS, Image Processing, River Engineering, water Resource Engineering
   Qualifications: M. Tech. Ph. D
   iii. **Dr. Arjun Prasad**
   Assistant Professor
   Department of Civil Engineering
   Specialization: Structural Engineering, Strength of Materials, Design (Limit Sate) of Steel Structures, RCC Design, Irrigation and Hydrology
   Qualifications: M. Tech. Ph. D

4. **Details of Seminar/Conference organized by the department (during01.04.2023-31.03.2024)**
   i. Dept. of Civil Engineering organized a lecture on Integrated Water Resources Management: A global Concept in the Indian context by Prof. Peter Mollinga (University of London, UK/ZEF Bonn University) on 19th October, 2023.
   ii. Dept. of Civil Engineering organized a Special lecture by Mr. Prabh S Verma (Rtd. Director of "Geotechnical Structures and Engineering" USA) on 07th December, 2023.
   iii. Dept. of Civil Engineering has organized a pre conference workshop on River Health: Assessment to Restoration (RHAR-2023) moving towards water Positive regions (WPR) and Smart Cities (WSC) on 15th September, 2023.

5. **Co-curricular/Extra-curricular/sports Activity by the department:**
   i. CulturalprogramsorganizedbystudentsonvariousoccasionslikeTeachersday, Welcome, Farewell etc; Plantation drives.

6. Details of Book written/edited by faculty members:

i. S. K. Duggal, Arjun Prasad. 2024. "Strength of Materials (Mechanics of Solids)", New Age International (P) Limited Publishers New Delhi ISBN: 978-9360748203, 936074820X

7. Details of Book Chapter in edited volume/conference volume:

i. Amiya Abhash, RP Tripathi, Padam Jee omar, Nitesh Gupta, KK Pandey, "Numerical study of flow through linear weir" River, Sediment and Hydrological Extremes: Causes, Impacts and Management, 2023 Online ISBN
978-981-99-4811-6

8. Paper published during the year by the faculty members (during01-04-2023to 31-03-2024)

i. Manjari Singh, Arjun Prasad, Mukul Bajpai, "Futuristic study on seismic response analysis of North Indian soils– A sustainable approach",Sustainable Futures, Vol.6, December, 2023(ISSN: 2666-1888)10.1016/j.sftr.2023.100141

ii. odhani, K. H., Gupta, N., Parmar, A. D., Bhavsar, J. D., Patel, D., Singh, S. K., Mishra, U., **Omar, P. J.,** Omar, G. J. (2024). Unveiling Seasonal Fluctuations in Air Quality Using Google Earth Engine: A Case Study for Gujarat, India, *Topics in Catalysis*, https://doi.org/10.1007/s11244-024-01957-1.

iii. Gani, A., Hussain, A., Pathak, S., **Omar, P. J.** (2024). Analysing Heavy Metal Contamination in Groundwater in the Vicinity of Mumbai's Landfill Sites: An In-depth Study, *Topics in Catalysis*, 1-15, https://doi.org/10.1007/s11244-024-01955-3

iv. Jodhani, K. H., Gupta, N., Parmar, A. D., Bhavsar, J. D., Patel, H., Patel, D., Singh, S. K., Mishra, U., **Omar, P. J.** (2024). Synergizing google earth engine and earth observations for potential impact of land use/ land cover on air quality, *Results in Engineering*, 22, 102039. https://doi.org/10.1016/j.rineng.2024.102039.

v. Jodhani, K. H., Patel, H., Soni, U., Patel, R., Valodara, B., Gupta, N., Patel, A., **Omar, P. J.**, (2024). Assessment of Forest Fire Severity and Land Surface Temperature Using Google Earth Engine: A Case Study of Gujarat State, India. *Fire Ecology*, 20(1), 23. https://doi.org/10.1186/s42408-024-00254-2.

vi. Fayaz, M., Krishnaiah, R.V., Raju, K.V.B. and Chauhan, M.S. (2023) "Study and analysis of strength parameters of concrete with addition of stone dust, PVC and fibers" Materials Today Proceedings Elsevier- Online.

vii. ayaz, M., Krishnaiah, R.V., Raju, K.V.B. and Chauhan, M.S. (2023) "Experimental study on mechanical properties of concrete using mineral admixtures" Materials Today Proceedings Elsevier- Online.

viii. Fayaz, M., Krishnaiah, R.V., Raju, K.V.B. and Chauhan, M.S. (2023) "Explore the consumption of salvaged polyvinyl chloride(PVC) elements in refining the mechanical assets of concrete" Materials Today Proceedings Elsevier- Online.

ix. Pramita Sen, Praneel Bhattacharya, Gargi Mukherjee, Jumasri Ganguly, Berochan Marik, Devyani Thapliyal, Sarojini Verma, George D. Verros, Manvendra Singh Chauhan and Raj Kumar Arya (2023) "Advancements in Doping Strategies for Enhanced Photocatalysts and Adsorbents in Environmental Remediation" Technologies 2023, 11, 144. https://doi.org/10.3390/technologies11050144

9. Attended/Participated in conference/ seminar/workshop inside country (during 01-04-2023 to 31-03-2024).

i. Dr. Arjun Prasad, Attended Faculty Induction Programme (Gurudakshta) (Dec-15, 2023 to Jan-13, 2024)

ii. Dr. Padam Jee Omar, Attended Faculty Induction Programme (Gurudakshta) (Feb 01 2024 to Feb 29, 2024)

10. Details of invited lecture inside the country:

i. Invited Speaker, One Week Faculty Development Program; "Modern **Trends in Civil Engineering**," 15 – 19 January, 2024; Organised by Department of Civil Engineering, Sharda

University, India.

ii. Invited Speaker, One Week Faculty Development Program; "Hydraulic modelling: An introduction: Principles, methods and applications", 2023; Organised by Rajkiya Engineering College, Sonbhadra

11. Details of patents filled/awarded

i. **Motorized water sampler for water bodies"** Patent Application Filing Date: 21/11/2020, Patent Filing Number: 202031050722- **Granted on 15/11/2023**

12. Students achievements:

i. **Accomplishments of Students**

NumberofstudentscompletedtheirMasters/graduation/Diploma	B. Tech. Civil Engineering	32

13. Google profile of the faculty members:

i. **Dr.Manvendra Singh Chauhan**

	All	Since2019
Citations	114	103
h-index	06	05
i10-index	4	4

ii. **Dr.Padam Jee Omar**

	All	Since2019
Citations	345	340
h-index	12	12
i10-index	15	14

iii. **Dr.Arjun Prasad**

	All	Since2019
Citations	05	05
h-index	02	02
i10-index	00	00

Department of Electrical Engineering (UIET)

The Department of Electrical Engineering was established in 2014 & focuses on a multifaceted growth of students and is designed to equip them not only with the core theoretical and practical fundamentals of the discipline, but also evolve them into confident individuals, ready to make an impact on whatsoever profession (industrial work, research, entrepreneurship) they choose to pursue.

Currently, the department of Electrical Engineering offers B. Tech program the vision of the department is to provide a balanced education to students, strong in scientific, engineering, humanistic, and social bases, so that they may attain a leadership role in their profession and use their knowledge and skill for the enhancement of human welfare and the environment.

1**. Course Offered:**

i. Bachelor of Technology (Electrical Engineering)

2**. Facilities available in the department:**

i. 1 Laboratories
ii. 2 Lecture Halls
iii. 2 Washrooms (Both male and female)
iv. 3 Water Coolers

3. **Details of Faculty**:

- **Dr. Anshul Agarwal**
  i. **Specialization:**Power Electronics, Renewable Energy System, AC/AC Power Conversion, Modelling of Converters, Smart Grids, Power Quality,FPGA Modelling & Design of Power Converters
  ii. **Qualifications:**M.Tech. (Gold Medalist, MNNIT Allahabad, Prayagraj), Ph.D. (MNNIT Allahabad, Prayagraj)

- **Dr. Bheem Sonker**
  i. **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.
  ii. **Qualification**s: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**
  i. **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
  ii. **Qualification**s:M.Tech. (Power System), Ph.D. (Distribution Automation Strategies for Management of Modern Power Distribution System)

- **Mr. Satyendra Vishwakarma**
  i. **Specialization:** Electrical Power & Energy Systems
  ii. **Qualifications:**M.Tech

- **Mr. Arun Kumar Singh**
  i. **Specialization:** Power system
  ii. **Qualifications:**M.Tech

- **Mr. Pramesh Kumar**
  i. **Specialization**: Hydro Power
  ii. **Qualifications:**M.Tech

4. Members/ fellowship of professional/ academic bodies/ editorial board:

i. Dr. Anshul Agarwal-

a) Senior Member of IEEE.
b) Life Member of ISTE.
c) Member of IET.
d) Life Member of IAENG.
e) Served as Program Chair in "International Conference on Power Engineering and Intelligent Systems (PEIS 2023)", NIT Delhi, Delhi, India, June 24th-25th, 2023.

ii. Dr. Ishan Srivastava-

a) Served as Special Track Chair for two tracks in "7th International Conference on "Recent Trends in Image Processing and Pattern Recognition" IIIT Bhopal, Bhopal, India.

iii. Mr. Satyendra Vishwakarma-

a) International Association of Engineers, Member No. 204692

5. Paper Published during the year by the faculty members (during 01.04.2023-31.03.2024)

i. Shubham Kumar &**Anshul Agarwal** "Implementation of Artificial Neural Network based control for Power Quality Enhancement of Proton Exchange Membrane Fuel cell powered Distributed Generation System" in Physica Scripta, Vol: 98, Number: 5, Apr 2023, **IF= 2.6, SCI**.
ii. Shubham Kumar &**Anshul Agarwal** "A Comparative Analysis of Artificial Neural Network Algorithms to Enhance the Power Quality of Photovoltaic Distributed Generation System Based on Metrological Parameters" Vol 38, Pp. 607-618, May 2023, MAPAN, Springer, **IF = 1, SCI**.
iii. Nitesh Kumar Singh &**Anshul Agarwal** "Performance Assessment of Sustainable Highly Efficient CsSn0.5Ge0.5I3/FASnI3 based Perovskite Solar Cell: A Numerical Modelling Approach" Vol. 139, May 2023, Optical Materials, Elsevier, **IF= 3.8, SCIE**.
iv. Rahul Kumar and **Anshul Agarwal** "Space Vector Modulation for Nine-Switch Converter Employing Two Three Phase Loads" June 2023, in EVERGREEN - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Scopus
v. Aashish Kumar Bohre1, Yashwant Sawle, Vinay Kumar Jadoun&**Anshul Agarwal** "Assessment of Techno-Socio-Economic Performances of Distribution Network with Optimal Planning of Multiple DGs" in EVERGREEN - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10, Issue 02, pp1106-1112, June 2023, Scopus.
vi. Nitish Kumar &**Anshul Agarwal**"Experimentally Investigated Machine learning Based MPPT for PV Panel System" in International Journal of Ambient Energy, Taylor & Francis, Vol. 45, Issue 1, pp. 1-13, 2024, Scopus.
vii. Nitesh Kumar Singh, **Anshul Agarwal**, Asheesh Kumar Singh & Sri Niwas Singh, "Design and Performance Evaluation of Eco-Friendly FASnI3/CsSn0.5Ge0.5I3 Based Perovskite Solar Cell with Distinct Charge Transport Layer: A Computational Modeling" in Solar Energy, Elsevier,Vol. 268, 15 Jan 2024, **IF= 6, SCIE.**
viii. Nikhil Agrawal, **Anshul Agarwal**, Tirupathiraju K "Application of Statistical Parameters to Analyse the Performance of PWM Techniques in 3- Level Inverter based Compensator for Power Quality Improvement" in MAPAN, Springer, Feb. 2024, **IF = 1, SCI**.
ix. Anshul Agarwal& Nitish Kumar "Reduced Stage Three Phase Multisource Hybrid Converter for Integration of PV and Grid Power" in Sustainable Energy Technologies and Assessments, Elsevier, Vol. 62, Feb 2024, **IF= 7.1, SCIE .**
x. **Anshul Agarwal&** Nitesh Kumar Singh, "Device modelling of tin based perovskite solar cell with distinct hole transport layer material" in Indian Journal of Engineering & Materials Sciences (IJEMS), Vol. 31, pp. 137-143, Feb. 2024, **IF= 0.615, SCI.**
xi. Chhabindra Nath Singh and **Bheem Sonker**, "A Review on Automatic Control in Power System", International Journal for Multidisciplinary Research (IJFMR), Volume 5, Issue 5, E-ISSN: 2582-2160, September-October 2023. **(UGC Care) Impact Factor: 9.24**

xii. Chhabindra Nath Singh and **Bheem Sonker**, "Design of Integrated Power System Using Virtual Inertia Control", International Journal of Novel Research and Development, Volume 8, Issue 9, ISSN: 2456-4184, September 2023. **(UGC Care) Impact factor: 8.76**

xiii. Chhabindra Nath Singh, Deepak Kumar and **Bheem Sonker**, "Introduction of Shrink Uncertainty for Downsizing the order of large scale interval systems", Journal of Namibian Studies, 35 (2023): 18-32 ISSN: 2197-5523. **(Scopus)**

xiv. Vikram Singh, **Bheem Sonker** and Shweta Singh, "IMC-DE-FOPID based load frequency control of single area power systems", Industrial Engineering Journal, Vol. 16, pp.15-20, ISSN 0970-2555, 2023. **(UGC Care) Impact factor of 6.82**

xv. Shajad Ali, **Bheem Sonker**and Syed Asgher Hussain Rizvi, "Design and analysis of connecting rod using FEM: A Survey", Rabindra Bharati University Journal of Philosophy, vol. XXIV, pp- 27-37, ISSN 0973-0087, 2023. **(UGC Care) Impact factor: 5.4**

xvi. Shajad Ali, **Bheem Sonker**and Syed Asgher Hussain Rizvi, "Design and analysis of connecting rod using FEM", Perspectives in Social Work, vol-XXXVIII, pp- 114-128, ISSN 0974-5114, 2023. **(UGC Care) Impact factor: 9.24**

xvii. Shajad Ali, **Bheem Sonker**and Syed Asgher Hussain Rizvi, "FEM Analysis of Wind Turbine Blades Using Composite and natural fiber materials", Phalanx: A Quarterly Review for continuing Debate, , Vol-18, No.2, PP-60-69, ISSN 2320-7698, 2023. **(UGC Care) Impact Factor: 5.6**

xviii.Shajad Ali, **Bheem Sonker** and Syed Asgher Hussain Rizvi, "FEM Analysis of Airplane wing Using Composite and natural fiber materials", Annals of the Bhandarkar oriental research institute , Vol-C, No.06, PP-32-47, ISSN 0378-1143, 2023. **(UGC Care) Impact Factor: 6.5**

xix. Dora, B. K., Bhat, S., Halder, S., &**Srivastava, I.** (2024). A solution to multi Objective Stochastic Optimal Power Flow problem using mutualism and elite strategy based Pelican Optimization Algorithm. Applied Soft Computing, 158, 111548 **(SCI). Impact Factor: 7.2**

xx.Vardhan, B. S., Khedkar, M., **Srivastava, I**., & Patro, S. K. (2024). Impact of integrated classifier—Regression mapped short term load forecasting on power system management in a grid connected multi energy systems. Electric Power Systems Research, 230, 110222 **(SCI). Impact Factor: 3.3**

xxi. Sabyasachi, S., Singh, A. R., Godse, R., Jaiswal, S., Bajaj, M., **Srivastava, I**., .& Misak, S. (2024). Reimagining E-mobility: A holistic business model for the electric vehicle charging ecosystem. Alexandria Engineering Journal, 93, 236-258 **(SCI). Impact Factor: 6.2**

xxii.Agarala, A., Bhat, S. S., &**Srivastava, I**. (2023). Transient stability analysis of dual excited synchronous generator with excitation control. Energy Reports, 9, 242-252 **(SCI). Impact Factor: 4.7**

xxiii. Nikhil Pandey, Satyendra Vishwakarma, **Ishan Srivastava**. Implications of Artificial Intelligence Techniques to Renewable Energy Systems: A Survey of the State-Of-The-Art. National Conference on Recent Trends in Science and Technology (NCRTST-2024)

xxiv. Nikhil Pandey, Aditya Pratap Singh, **Ishan Srivastava**, Satyendra Vishwakarma. Solar Panel Recycling: A Survey of the State-of-the-Art. International conference on Waste Recycling & Environmental Technology (WRET-2024)

xxv. **Kumar, Pramesh**, et al. "Dual-sided Involvement in Wind-PV Energy Optimization and Strategic Bidding to Maximize Benefits for Customers and Power Providers." IEEE Access (2024).

6. Attended/Participated in conference/seminar/workshop inside country (during 01-04-2023 to 31- 03-2024):

i. Nikhil Pandey, **Satyendra Vishwakarma**, Ishan Srivastava. Implications of Artificial Intelligence Techniques to Renewable Energy Systems: A Survey of the State-Of-The-Art. National Conference on Recent Trends in Science and Technology (NCRTST-2024)

ii. Nikhil Pandey, Aditya Pratap Singh, Ishan Srivastava, **Satyendra Vishwakarma**. Solar Panel Recycling: A Survey of the State-of-the-Art. International conference on Waste Recycling & Environmental Technology (WRET-2024)

7. Details of invited lecture inside the country:

i. Dr. Anshul Agarwal delivered an Expert Talk on "Innovation & Advancement in Power

Electronics Converters & its Application in Renewable Energy" on December 11, 2023 at Department of Electrical Engineering, BN Group of Institutions, Lucknow.

8. Details of International Award/fellowship:

i. Dr. Anshul AgarwalChaired Technical Session in **"International Conference on Future Power Network and Smart Energy Systems**: Issues and Challenges" during March 8-10, 2024 at NIT Kurukshetra.

ii. Dr. Anshul Agarwal Chaired Technical Session in **3rd International Conference on Power Electronics & IoT Applications in Renewable Energy and its Control (PARC 2024)** on 23-24 February 2024 at GLA University, Mathura

9. Details of Patents filed/awarded :

Dr. Anshul Agarwal – (04)

i. Indian Patent Granted on "PHOTOVOLTAIC BASED GRID-CONNECTED RESILIENT DC MICROGRID SYSTEM". (Patent No- 511227) (Application No.-202111006081)(Date of Filing:- 12/02/2021) (Grant Date:- 15/2/2024).

ii. Indian Patent Granted on "A COMPOSITE WATER PUMPING SYSTEM" (Application No.:-202211012422) (Patent No:- 525778)(Date of Filing:- 08/03/2022) (Grant Date:- 14/3/2024).

iii. Indian Patent filed & published online on "A LEAD-FREE DOUBLE ABSORBER LAYER PEROVSKITE SOLAR CELL DEVICE" (Application No.:- 202311051470).

iv. Indian Patent filed & published online on "A DUAL GAIN PSEUDO SQUARED BUCK-BOOST CONVERTER AND A METHOD THEREOF" (Application No.:- 202411030861).

Dr. Bheem Sonker- (02)

i. AI based Wireless Electricity Consumption Monitoring and Saving Device, Design no.412434-001

ii. IOT based Electric Vehicle Energy Consumption Predicting Device Design no. 409667-001

Mr. Satyendra Vishwakarma- (01)

i. Solar based public floor cleaning robot Design no. 356948-001

10. Students achievements:

i. **Accomplishment of the students:Akash Gautam** (2021-25 Batch) has qualified GATE-2024, GATE score 266, Registration No. EE24S85031099

ii. **Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesis submission/degree awarded:**

Ph.D awarded during the year:

S.No.	Students	Guide	Co-Guide	Title	Fellowship availed/availing
1	Mr. Nitish Kumar (183231101)	Dr. Anshul Agarwal	---	Machine learning Application in Hybrid Energy System for Household and Industrial Application	Ministry of Education
2	Mr. Nitesh Kumar Singh (193231101)	Dr. Anshul Agarwal	Dr. KT Raju (NIT Delhi)	Design and Modelling of CdTe and Environmental Friendly Perovskite Solar Cell for Photovoltaic Application	Ministry of Education

Ph.D Thesis submitted during the year:

	Shubham Kumar Singh (193231103)	Dr. Anshul Agarwal	Dr. KT Raju (NIT Delhi)	Intelligent Control of Hybrid Energy System for Enhanced Sustainability and Enhanced Power Quality	Ministry of Education

iii. Number of student completed their Masters/Graduation/Diploma/Graduation: 18

iv. Details of the Publications of the students (Books/Article/Books' chapter):

(a) Nikhil Pandey, Satyendra Vishwakarma, Ishan Srivastava. Implications of Artificial Intelligence Techniques to Renewable Energy Systems: A Survey of the State-Of-The-Art. National Conference on Recent Trends in Science and Technology (NCRTST-2024)
(b) Nikhil Pandey, Aditya Pratap Singh, Ishan Srivastava, Satyendra Vishwakarma. Solar Panel Recycling: A Survey of the State-of-the-Art. International conference on Waste Recycling & Environmental Technology (WRET-2024)

v. **Any Other Special achievement recorded by the students**:
(a) Nikhil Pandey Batch 2020-24 was selected to attend Online Research Internship 2024 offered by **Woosong University, South Korea.**
(b) Nikhil Pandey Batch 2020-24 has received **the best presenteraward**for the paper ' 'NCRTST-2024 organized by DIT, BBAU, Lucknow in February, 2024

10. Google profile of the faculty members:

i. Dr. Anshul Agarwal-

	All	Since 2019
Citations	1315	1163
h-index	16	14
i10-index	26	18

ii. Dr. Bheem Sonker-

	All	Since 2019
Citations	110	107
h-index	4	4
i10-index	3	3

iii. Dr. Ishan Srivastava-

	All	Since 2019
Citations	143	141
h-index	8	8
i10-index	6	6

Department of Electronics & Communication Engineering

The Department of Electronics and Communication Engineering was established in 2013 and has been offering four year Bachelors of Technology degree. The Department has a comprehensive curriculum on topics related to all aspects of Electronics and Communication Engineering with an emphasis on practical learning.

Electronics and Communication Engineers engage in research, design, development and testing of electronic equipments used in various communication systems. It is due to electronics and communication engineering that we enjoy such modern communication devices as cellular, telephones, radios and television.

Our faculty members aim to deliver top class education blending the rich classroom teaching as well as interactive session in laboratories along with focus on the growth of each and every student through regular interaction using Seminar, Presentation and Viva-Voce. This department is student-oriented and multi-faceted research prone and is dedicated to work together to build a sustainable future through the betterment of laboratories and other infrastructures.

2. Course Offered:

i. B.Tech (Electronics & Communication Engineering)

3. Facilities available in the Department:

i. 1Lab, 1 Classroom
ii. 1 Smart Classroom
iii. 2 Washrooms (Both male and female)
iv. 3 Water Coolers.

4. Details of Faculty:

i. Prof. B.C. Yadav
Professor & Head, E & C Engineering
Dean, SET
Specialization: Nanoscience, Materials Science, Opto-Electronics, Sensors & Devices
Qualification: Ph.D.

ii. Dr. Balraj Singh
Associate Professor & Coordinator, E & C Engineering
Specialization: Modeling and Simulation of Nanoscale FETs for CMOS applications
Qualification: Ph.D.

iii. Dr. Mangal Deep Gupta
Assistant Professor, E & C Engineering
Specialization: VLSI & Cryptography, Hardware Efficient Digital System Design using Verilog HDL, Digital Integrated Circuits, VLSI Technology & Design, FPGA implementation of VLSI Circuits, Hardware based Image Encryption/Decryption Scheme
Qualification: Ph.D.

iv. Dr. Anuradha
Assistant Professor, E & C Engineering
Specialization: RF and Microwave
Qualification: Ph.D.

5. Other departmental level Academic Activities:

i. Guest lecture on "How to start a start-up" for B.Tech students (Speaker: Mr. Vivek Sharma, Noyer Creatif Consultancy and Trading pvt ltd) on 28/07/2023 organized by Dr. Mangal Deep Gupta, Department of Electronics and Communication Engineering.

ii. Guest Lecture on "Gap between Academics and Industry", Speaker: Ms. Shreya Sinha (Infividhya) on July 26, 2023 organized by Dr. Mangal Deep Gupta, Department of Electronics and Communication Engineering.

6. Visitors of Department from inside the country (during 01.04.2023-.31.03.2024)

i. 03

7. Members/fellowship of professional //academic bodies/editorial board:

i. Prof. B.C. Yadav

a) Indian Science Congress Association (**ISCA**) Life member
b) Optical Society of India (**OSI**) Life member
c) Materials Research Society of India (**MRSI**) Life member
d) National Academy of Sciences, India Allahabad Life member
e) Indian Physics Association (IPA) Mumbai , Maharashtra state Life member
f) National Academy of Sciences, India Fellow
g) *International Brain Pool Fellow*
h) *Research fellow of INTI international University , Malaysia*

8. Details of Book written/ edited by faculty members:

i. Authors: **Mangal Deep Gupta** and R. K. Chauhan, Title of the Book "Keys and Symmetric Cryptography", Published and Printed by: TechSarPvt. Ltd., New Delhi, ISBN: 978-81-971909, Year: 2024.

9. Details of Book Chapter in edited volume/conference volume

i. Prof. B. C. Yadav

a) A Singh, P Chauhan, A Verma, BC 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 2024/6

b) M Channegowda, A Verma, I Arabia, US Meda, I Rawal, S Rustagi High selectivity and sensitivity through nanoparticle sensors for cleanroom CO2 detection Nanotechnology 35 (31), 315501 2024/5

c) A Verma, D Yadav, S Natesan, M Gupta, BC Yadav, YK Mishra Advancements in nanohybrid material-based acetone gas sensors relevant to diabetes diagnosis: A comprehensive review Microchemical Journal, 110713 2024/5

d) P Chaudhary, A Verma, S Chaudhary, M Kumar, MF Lin, YC Huang, Design of a Humidity Sensor for a PPE Kit Using a Flexible Paper Substrate Langmuir 40 (18), 9602-9612 2024/4

e) U Kumar, YC Tsou, ZY Deng, BC Yadav, WM Huang, CH Wu Exploring the weak visible-near-infrared and NO2 detection capabilities of PbS/Sb2O5 heterostructures with DFT interpretations Nanotechnology 35 (26), 265501 2024/4

f) A Verma, BC Yadav Comprehensive review on two dimensional nanomaterials for optical biosensors: Present progress and outlook Sustainable Materials and Technologies, e00900 2024/3

g) U Kumar, CX Yang, ZY Deng, CE Lin, BC Yadav, CH Wu Atomic-level insights of enhanced interfacial charge transfer and active sites on self-assembly pp heterostructure based on BiVO4/SnO2 for highly selective NO2 sensing Sensors and Actuators B: Chemical 403, 135144 2024/3

h) A Rani, A Verma, A Singh, BC Yadav Monitoring of UV-A radiation by TiO2/CdS nanohybrid along with the high on-off ratio Sensors and Actuators A: Physical 367, 115060 2024/3

i) N Singh, S Tanwar, MS Sreehari, AL Sharma, BC Yadav An approach to substitute costly-commercial capattery electrodes by activated carbon@ Co with advanced retention: Detailed device study supported by DFT investigation Journal of Energy Storage 80, 110244 2024/3

j) AK Shukla, V Verma, P Goriyan, A Rani, A Verma, A Singh, BC 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, 1-16 2024/2

k) A Verma, BC Yadav Development and integration of a hierarchical Pd/WO3 acetone-sensing device for real-time exhaled breath monitoring with disposable face mask Journal of Hazardous Materials 463, 132872 2024/2

l) K Bharati, PR Tiwari, RP Singh, A Singh, BC Yadav, MP Singh, S Kumar Synthesis of bismuth-doped praseodymium ortho ferrite nanomaterials for LPG sensing Applied Nanoscience 14 (2), 277-289 2024/2

m) S Srivastava, A Singh, MA Sahz, BC Yadav, NK Pandey Development of V2O5@ GO (1D/2D)

nanohybrid based chemiresistor for low-trace of toluene Sensors and Actuators B: Chemical 400, 134817 2024/2

n) U Kumar, A Verma, RK Tripathi, BC Yadav, T Haldar, VV Tyagi, CK Dixit, Excellent field emission with enhanced photodetection behavior of multiwalled carbon nanotubes: experimental and theoretical study Energy Advances 2024

o) BCY Alka Rani, Arpit Verma Advancements in transition metal dichalcogenides (TMDCs) for self-powered photodetectors: challenges, properties, and functionalization strategies Materials Advances 2024

p) A Verma, A Singh, BC Yadav Self-healing materials for highly sensitive gas sensors and for other applications Complex and Composite Metal Oxides for Gas, VOC and Humidity Sensors, Volume 2024/1

q) A Verma, BC Yadav Features of preparing metal oxide nanocomposites: General consideration Complex and Composite Metal Oxides for Gas, VOC and Humidity Sensors, Volume 2024/1

r) A Verma, P Kumar, BC Yadav Fundamentals of electrical gas sensors Complex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 2024/1

s) P Chaudhary, M Gupta, BC Yadav Polymer/metal oxide composites and their humidity sensing characteristics Complex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

t) U Kumar, BC Yadav, WM Huang, CH Wu Metal oxide-based nanocomposites designed for humidity sensor applications Complex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

u) DK Maurya, P Chaudhary, BC Yadav, S AngaiahHumidity sensors based on solid-state metal-oxide hybrids Complex and Composite Metal Oxides for Gas VOC and Humidity Sensors Volume 1 2024/1

v) A Singh, S Singh, BC Yadav In2O3 nanocubes and ZnWO4 nanorod-based triboelectric nanogenerator for self-powered humidity sensorsSensors and Actuators B: Chemical 398, 13472 2024/1

w) Rahul Pratap Singh, Prabhat Ranjan Tiwari, Keval Bharati, Bala Bhardwaj, Kuwar Ankur Singh, BC Yadav, Santosh Kumar Humidity sensing study of cobalt-doped cadmium sulphide nanomaterials Journal of Solid State Electrochemistry 2023/12

x) Vaibhava Kumar, Ajeet Singh, Bal Chandra Yadav, Hemant Kumar Singh, Deep Prakash Singh, Sandip Kumar Singh, Navin Chaurasiya Environment-sensitive and fast room temperature CO2 gas sensor based on ZnO, NiO and Ni-ZnO nanocomposite materials Environmental Functional Materials 2023/12

y) U Kumar, CH Wu, K Singh, BC Yadav, WM Huang Low-Dimensional Advanced Functional Materials as Hazardous Gas Sensing Advanced Functional Materials for Optical and Hazardous Sensing: Synthesis 2023/11

z) BC Yadav, P Kumar Complex and Composite Metal Oxides for Gas, VOC, and Humidity Sensors, Volume 1: Fundamentals and Approaches Elsevier 2023/10

aa) RP Singh, PR Tiwari, K Bharati, Bala, KA Singh, BC Yadav, S Kumar Nickel-doped cadmium sulphide as a promising nanomaterials for humidity sensing applications Sensing and Imaging 24 (1), 29 2023/9

bb) PC Arpit Verma, P. Chaudhary, A. Singh, R K Tripathi, B C Yadav Photomultiplicative and High External Quantum Efficient Energy Conversion Device for Paper Electronics ACS Applied Electronic Materials 2023/9/9

cc) PR Tiwari, RP Singh, K Bharati, AC Yadav, BC Yadav, A Singh, MP Singh Synthesis of calcium doped zinc ferrite nanomaterial and its application as a humidity sensor Journal of Dispersion Science and Technology, 1-11 2023/9/6

dd) PCDK Arpit Verma, Anshika Singh, Priyanka Chaudhary, Ravi Kant Tripathi, B Photocurrent conversion capability of a 2D WS2-polyvinyl alcohol matrix and its DFT-based charge carrier dynamics analysis Materials Advances 2023/9

10. Paper published during the year by the faculty members (during 01-04-2023 to 31-03-2024)

i. **Dr. Balraj Singh**

a) Joshi, T., Balraj Singh. & Singh, Y. Dopingless Extended Source TFET for Switching and Analog/RF Applications. Trans. Electr. Electron. Mater. (2024). https://doi.org/10.1007/s42341-

024-00541-4

b) Garg, A., Balraj Singh. & Singh, Y. Vertical Dopingless Dual-Gate Junctionless FET for Digital and RF Analog Applications. Silicon 16, 2719–2728 (2024).

c) A. Garg, B. Singh and Y. Singh, "Performance Evaluation of Nanosheet Junctionless FET for switching applications," *2023 Second International Conference on Advances in Computational Intelligence and Communication (ICACIC)*, Puducherry, India, 2023, pp. 1-4, doi: 10.1109/ICACIC59454.2023.10435229.

d) S. Kumar, B. Singh and Y. Singh, "Performance Analyses of a Highly Sensitive Double-Gate-All-Around Junctionless FET Biosensor," *2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology (ICSEIET)*, Ghaziabad, India, 2023, pp. 158-162, doi: 10.1109/ICSEIET58677.2023.10303316.

ii. Dr. Mangal Deep Gupta

a) Mangal Deep Gupta and R. K. Chauhan, "Reconfigurable Image Confusion Scheme using Large Period Pseudo-Random Bit Generator based on Coupled-Variable Input LCG and Clock Divider", Journal of Circuits, Systems, and Computers, Accepted on 21 June 2024 {SCI}

b) Mangal Deep Gupta and R. K. Chauhan, "Design of New S-boxes using Reconfigurable Chaotic Systems for Cryptographic Applications", Chaos Theory and Applications, 2023 https://doi.org/10.51537/chaos.1285094 {SCI-Mago}

c) Mangal Deep Gupta and R. K. Chauhan, "Security Enhancement of QR Code Using S-Boxes and Hyper-Chaotic System," 2023 International Conference on IoT, Communication and Automation Technology (ICICAT), Gorakhpur, India, 2023, pp. 1-5, https://doi.org/10.1109/ICICAT57735.2023.10263704

iii. Dr. Anuradha

a) Anuradha sonker, Tushar, & Amalendu Patnaik, "Design and Experimental Validation of Customized Fractal FSS", International Journal of Electronics Letters, https://doi.org/10.1080/21681724.2023.2173802.

b) Anuradha Sonker, Anil Kumar Nayak, Tushar & Amalendu Patnaik," Multifunctional Antenna Design for wireless consumer electronics, IEEE Canadian Journal of Electrical and Computer Engineering, E-ISSN: 2694-1783, Page 1-13, 2023.

c) Tushar Goel, Anuradha Sonker, A. K. Gautam & Amalendu Patnaik, " A theoretical design of angular-phased broadband antenna array for sub-millimeter wave applications., International Journal of RF and Microwave Computer -Aided Engineering, Published 21 st December 2023.

11. Participated/Paper Presented in conferences/seminar/workshop inside country

i. Prof. B. C. Yadav – 02

ii. Dr. Anuradha – 02

12. Details of invited lecture inside the country

i. Dr. Balraj Singh

a) 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.

b) 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.

c) 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).

d) 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

ii. Dr. Mangal Deep Gupta

a) Delivered Expert lecture by Dr. Mangal Deep Gupta on "High Speed and Power-Efficient VLSI Implementation of Digital Circuits" at One-week SHORT TERM TRAINING PROGRAM on VLSI Device to Chip Design (VDCD-2023), 14/08/2023 - 19/08/2023, organized by Department of Electronics and Communication Engineering, REC, Sonbhadra.

13. Details of Research Project (major and minor)

i. Dr. Balraj Singh

a. Research Projects: Core Research Grant of 30 Lac received from Science and Engineering Research Board (SERB) for Project titled "Exploration and Design Optimization of 8 Negative Capacitance Nanosheet Field Effect Transistor for Memory and Analog Applications. Undergoing (March,2023 to March 2026)

ii. Dr. Mangal Deep Gupta

a) Granted Seed Money (Rs. 50,000/-) to Dr. Mangal Deep Gupta by the recommendation of Research Project Development Committee, BBAU, Lucknow, against the project proposal "Implementation of Low-Power and High-Speed VLSI Circuit on FPGA for Cryptography".

14. Student achievements:

i. Accomplishments of students:

Number of students completed their Graduation	B.Tech E & C Engineering	22
Number of students selected in civil services	--	--
Details of students selected for teaching in higher education.	--	--
Number of students selected on other government jobs/banking/school teaching etc	--	--
Number of students awarded SLET/NET/JRF/any other fellowship	--	--

15. Google profile of the faculty:

i. Prof. B.C. Yadav

All Since	2017	
Citations	5000	3442
h-index	38	33
i10-index	126	103

ii. Dr. Balraj Singh

	All	Since 2019
Citations	1159	1006
h-index	17	17
i10-index	23	21

iii. Dr. Mangal Deep Gupta

	All	Since 2019
Citations	128	128
h-index	6	6
i10-index	5	5

iv. Dr. Anuradha

	All	Since 2019
Citations	119	69
h-index	6	4
i10-index	4	1

Department of Mechanical & Automobile Engineering

The Department of Mechanical Engineering is offering four years Bachelor Degree. The department was established in year 2013 and later in year 2018, the department was renamed as 'Mechanical & Automobile Engineering'. The department has a comprehensive curriculum on topics related to all aspects of Mechanical & Automobile Engineering with an emphasis on practical learning. Mechanical & Automobile Engineers engage in research, design, development and testing of Mechanical equipment used in various industries. Further the department of Mechanical & Automobile Engineering has adequate infrastructure and workshop along with experienced Faculty Members & Resource Persons to deliver lectures.

1. Name of the Department -**Department of Mechanical & Automobile Engineering**
2. Courses offered- **B.Tech. (Mechanical Engineering)**
3. Facilities available in the Department like Departmental Library, Moot court etc.-

   i. **Central Workshop**
   ii. **Fluid Mechanics Lab**
   iii. **Measurement & Metrology Lab**
   iv. **4 Lecture Halls**
   v. **2 Washrooms (Both male and female)**
   vi. **3 Water Coolers**

4. **Details of Regular Faculty:**

   i. **Dr. Gaurav Bajpai**
   Department Coordinator & Assistant Professor
   Specialization: Manufacturing & Material Sciences
   Qualification: B.Tech, M.Tech, Ph.D, PDF

   ii. **Dr. Akhilesh Singh**
   Assistant Professor
   Specialization: Thermal Engineering
   Qualification: B.Tech, M.Tech, Ph.D, PDF

5. **Details of Resource Person:**
   i. **Name of Resource Person :** Mr. Shailendra Singh
   Qualification: M.Tech., Ph.D.
   ii. **Name of Resource Person :** Dr. Sushil Kumar Chaudhary
   Qualification: M.Tech., Ph.D.
   iii. **Name of Resource Person :** Mr. Rajesh Kumar Sharma
   Qualification: M.Tech.
   iv. **Name of Resource Person :** Mr. Gaurav Bafila
   Qualification: M.Tech.
   v. **Name of Resource Person :** Mr. Piyush Gupta
   Qualification: M.Tech., Ph.D.

6.Visitors of Department from inside the country
Dr. A.P. Harsha (Professor IIT BHU, Department of Mechanical Engineering)

7. Members/fellowship of professional/Academic bodies/editorial board
Powder Metallurgy Association of India (PMAI) Life Member

8. Paper Published during the year by the faculty members (during 01.04.2023-31.03.2024)

- Gaurav Bajpai, Anuradha Tiwari, Rajesh Purohit, S Kartik Shubham & Vilas Warudkar "**Synthesis and Mechanical Characterization of AA7075–Al_2O_3 Nano-composites through Ultrasonic Assisted Stir Casting Techniques**" accepted in AIP Conference Proceedings

9. Attended/participated in conferences/seminar/workshop inside country

i. UGC Sponsored Guru Dakshta (Faculty Induction Programme) attended form 01st Feb 2024 to 29th 2024

ii. One-Week International Faculty Development Program on "Emerging Trends and Innovations in Composite Materials for Engineering Applications**"**

10. Details of invited lectures inside country

i. **Invited talk on topic of "**Development of Metal Matrix Composites by Powder Metallurgy using Cold Isostatic Compaction Chamber: A Review" at 2nd International Conference on Recent Trends in Materials Science & Devices 2023 (**ICRTMD-2023**)

ii. **Invited talk on topic of "**Efficient technologies for waste heat recovery**" at Sandip University**

11.Students achievements

i. Number of student completed their Masters/Graduation/Diploma Graduation- **24**

ii. Number of student pursuing higher studies-**3**

iii. Number of student selected on Other government jobs/banking/school teaching etc- **01**

iv. Number of student awarded GATE/SLET/NET/JRF/any other fellowship.: **05 students Qualified (GATE-2024)**

12. Google profile of the faculty members

https://scholar.google.com/citations?user=JKEDpUIAAAAJ&hl=hi
https://scholar.google.com/citations?user=wGIMFH8AAAAJ&hl=en

Department of Computer Engineering

The Department of Computer Engineering is functioning in the University since 2013.The Department is offering four year Bachelors of Technology degree. The Department has a comprehensive curriculum on topics related to all aspects of Computer Engineering with an emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics to equip our students with the latest developments in Computer Science and Engineering. The aim of the Department is to delivering top class education blending their rich classroom teaching and they focus on the growth of each and every student through regular interaction using Seminar, Presentation and Viva-Voce.

1. Coursesoffered:
   - **i. B.Tech Computer Engineering**

2. FacilitiesavailableintheDepartment
- **i** 1 Lab, 1 Classroom
- **ii** Smart Classroom
- **iii** 2 Washrooms (Both male and female)
- **iv** 3 Water Coolers.

3. Detailsoffaculty :

i. Dr. Shishir Kumar
Designation : Professor (Computer Science), School of Information Science and Technology, Head(I/C) Computer Engineering Department
Email : shishir.cs@bbau.ac.in, dr.shishir@yahoo.com
Educational Qualification : Ph.D. (Computer Science) 2005 ,
Contact Number : +91 7987012934

ii. Dr. Karm Veer Singh
Assistant Professor
Specialization : Multimedia Information Retrieval , Data Science , Medical Imaging , Quantum Neural Networks ,Reliability ,Cyber Security and Artificial Intelligence
Qualification : B.E, M.S, Ph.D IIT (BHU)
Experience : Teaching - 08 years Research - 08 years
Contact : +91 - 9839407166
Email ID : karmveer.cs@email.bbau.ac.in

4. Details of editing journals and magazine
i. NumberofstudentcompletedtheirMasters/Graduation/Diploma :**26**

5. Googleprofileofthefaculty:

i. Dr Shishir Kumar

	ALL	Since 2019
Citations	2010	1500
h-index	21	17
i10- index	51	32

ii. Karm Veer Singh

	All	Science 2019
Citations	2	1
h-index	1	1
i10- index	0	0

BBAU Satellite Centre, Amethi

BBAU Satellite Campus is established at Amethi in 2016. It is part of Babasaheb Bhimrao Ambedkar University Lucknow. Since it is newly established Institute in remote area of Amethi. Presently in this campus there are running two departments. Following mention detail of departments:-

Department of Food Science && Nutrition

Babasaheb Bhimrao Ambedkar University, Satellite Centre established at Amethi in 2016. It is a part of Babasaheb Bhimrao Ambedkar University Lucknow. Keeping in view, the vision and mission of the University, the general milieu of this area, to promote educational and economic welfare of the general population, specially the marginalized and deprived sections of the society, the Centre was established specially to cater to the academic, social and economic upliftment of the people of Amethi and its nearby Districts in particular and others in general. Considering the huge demand of the specialized human resource for the fast growing sectors of Food industry, Babasaheb Bhimrao Ambedkar University (A Central University) has established a fully functional department in the year of 2016 at BBAU Satellite Centre, Amethi. The vision of the department is to produce highly skilled, competent and motivated technical manpower for the food processing and allied industries. Along with this the department looks at the new propose of exploitation of novel technique and technologies to maximize the use of the Food resources. The goal of the department is to promote the integration of teaching, research and extension in food processing by serving as a premier educational and research institute in the field of food processing in Uttar Pradesh as well in India.

1. Course offered

(i) B.Sc. FST

2. Facilities Available in the department

(i) Microbiology Lab
(ii) Food science Lab
(iii) Bakery Lab
(iv) Library
(v) Spacious classrooms
(vi) Conducive environment for dynamic and focused studies.
(vii) Recreation and Sports facilities.
(viii) Computer Lab

3. Details of Faculty

i. Dr. Harsh Prakash Sharma
(Associate Professor and Coordinator of Department)
Qualification: - B.Tech, M.Tech., Ph.D.

ii. Mrs. Komal Singh
(Assistant Professor)
Qualification: B.Sc. B.ed, M.Sc. M.ed, Pursuing Ph.D.

iii. Mr. Murali Naik K
(Assistant professor)
Qualification: - B.Tech., M.Tech

4. Other departmental level academic Activities;

I. Organize Sports competition on 25th January, 2019
II. Organize National Science Day on 28th February, 2024
III. Celebrate Women Day on 8th March, 2024
IV. Ambedkar jayanti 14 April, 2024
V. Role of communication Skills in Personality Development on 28th February ,2024

Department of Information Technology

The Program Bachelor of Information Technology (B.Sc.IT) in Information Technology was initially run under Department Computer Science and Information Technology at BBAU-Satellite Centre, Amethi. A separate Department of IT was established in 2020 with the objective to provide basic knowledge of Information Technology, Trade and Industry. Presently, the department is offering full time Information Technology Programme (B.Sc.IT) through effective and holistic learning environment to enable the students to enhance their knowledge in the field of Computer Science and Information Technology. Holistic development of the students is aimed and therefore the department organizes number of academic and cultural activities which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. Also as part of Social inclusion the students are taught to give back to the society by way of charitable events organized by the department.

1. Courses offered: Bachelor of Information Technology (B.Sc.IT) (UG programme)

2. Facilities Available in the Department:

(i) Smart Classroom
(ii) Lecture Hall
(iii) Departmental Library
(iv) Centralized Library
(v) Reading Hall
(vi) Tutorial Room
(vii) Rest rooms for Girls & Boy's
(viii) Drinking water facility
(ix) Wi-Fi Facility

3. Details of faculty

i. 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

ii. **Dr. Neeraj Kumar Tiwari**
(Assistant Professor)
Incharge Administration, BBAU - Satellite Centre Amethi Incharge IT Cell, BBAU - Satellite Centre Amethi
Specialization: Green Communication, E-Health, Software Engineering, Advance System Design
Qualification: Ph.D

4. Details of Academic activities:

i. Workshop on "INTERNET OF THINGS (IOT)
ii. HACKATHON CODE @BBAU 2.0 NOVEMBER 2023
iii. E-Sport Tournament ("BATTLE ARENA") April 2024
iv. **WEBMANIA 2.0(Website Building Competition)** April 2024

5. **Co-curricular/Extra-curricular/sports Activity by the department**:

i. Engineers Day Calibrations Sep 2023.
ii. Training and Internship Drive by ''Digi Coders" December 2023.
iii. Seminar and Internship Drive by ''Sipher Web Pvt Ltd" December 2023.
iv. Placement and Internship Drive by "Barrownz Group" December 2023.
v. Elocution competition and Essay Writing completion held on eve of National Youth Day; competition held on 23 January 2024.
vi. Science Day Feb 2024
vii. Poster Presentation Competition" April 2024
viii. Cultural programs organized by students on Teacher's day, Fresher's Party, Farewell Party, etc.
ix. Sports Events held on 20 May 2024; Students participated in activities like cricket tournament, Kabaddi, Badminton etc.

Department of Computer Science

The Program Bachelor of Computer Application (BCA) was initially run under Department of Computer Science &Information technology at BBAU- Satellite Centre, Amethi from 2016-2019. A separate Department of Computer Science was established in 2020 with the objective to provide basic knowledge of Computer Science, Trade and Industry. Presently, the department is offering full time Bachelor of Computer Application (BCA) &BCA (H) through effective and holistic learning environment to enable the students to enhance their knowledge in the field of Computer Science & allied Specialization. Holistic development of the students is aimed and therefore the department organizes number of academic and cultural activities which includes Seminars and presentations Hackathon, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills placements& knowledge. Also as part of Social inclusion the students are taught to give back to the society by way of charitable events like Nuked Natak organized by the department.

1. Courses offered: Bachelor of Computer Application
Duration: 4years.
BCA (H) UG programme

2. Facilities Available in the Department:

i. Smart Classroom
ii. Lecture Hall
iii. Central Library
iv. Reading Hall
v. Tutorial Room
vi. Rest rooms for Girls & Boy's
vii. Drinking water facility
viii. Wi-Fi Facility

3. Details of faculty

i. Dr. Ravindra Nath
(Associate Professor)
Coordinator- Department of Computer Science, Warden BBAU - Satellite Centre Amethi
Specialization: Computer algorithm, Copmuter Network
Qualification : Ph. D (Computer science &Engg.)

ii. Dr. Aditya Khamparia
(Assistant Professor)
Specialization: Artificial Intellgence, Qualification B.E,M.Tech, Ph.D.

iii. Dr. Yogdhar Pandey
(Assistant Professor)
Specialization
Qualification BE, M.Tech. Phd.D(CSE)

4. Details of Academic activities:

i. **Workshop on "INTERNET OF THINGS (IOT)**
ii. **HACKATHON CODE @BBAU 2.0 NOVEMBER 2023**
iii. **E-Sport Tournament ("BATTLE ARENA")** April 2024
iv. **WEBMANIA 2.0(Website Building Competition)** April 2024

5. **Co-curricular/Extra-curricular/sports Activity by the department**:

i. Engineers Day Calibrations Sep 2023.
ii. Training and Internship Drive by ''Digi Coders" December 2023.
iii. Seminar and Internship Drive by ''Sipher Web Pvt Ltd" December 2023.
iv. Placement and Internship Drive by "Barrownz Group" December 2023.
v. Elocution competition and Essay Writing completion held on eve of National YouthDay; competition held on 23 January 2024.
vi. Science Day Feb 2024
vii. Poster Presentation Competition" April 2024
viii. Cultural programs organized by students on Teacher's day, Fresher's Party, Farewell Party, etc.
ix. Sports Events held on 20 May 2024; Students participated in activities like cricket tournament, Kabaddi, Badminton etc.

Department of Commerce

The Program Bachelor of Commerce (B Com) was initially run under Department of Social Science and Commerce at BBAU- Satellite Centre, Amethi. A separate Department of Commerce was established in 2020 with the objective to provide basic knowledge of Commerce, Trade and Industry. Presently, the department is offering full time Bachelor of Commerce Programme (B.Com) through effective and holistic learning environment to enable the students to enhance their knowledge in the field of Commerce & Trade. Holistic development of the students is aimed and therefore the department organizes number of academic and cultural activities which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. Also as part of Social inclusion the students are taught to give back to the society by way of charitable events organised by the department.

1. Courses offered: Bachelor of Commerce 4years B.Com (H) UG programme

2. Facilities Available in the Department:

i. Smart Classroom
ii. Lecture Hall
iii. Departmental Library
iv. Centralised Library
v. Reading Hall
vi. Tutorial Room
vii. Rest rooms for Girls & Boy's
viii. Drinking water facility
ix. Wi-Fi Facility

3. Details of faculty

Dr. Leena S. Shimpi
(Associate Professor)
Director Incharge and Coordinator- Department of Commerce, BBAU - Satellite Centre Amethi
Specialization: Financial
Management, Strategic Cost Accounting, Cost & Management Accounting, Financial Accounting, Specialised Accounting
Qualification : Ph. D, FCMA, MBA (Finance), M.Com

4. Details of Academic activities:

i. Visit of Bank (SBI Branch)

5. **Co-curricular/Extra-curricular/sports Activity by the department**:

i. Celebration of Independence Day on 15th August 2023
ii. Celebration of University Day on 10th January 2024
iii. Celebration of Republic Day on 26th January 2024
iv. Elocution competition and Essay Writing completion held on eve of National Youth Day; competition held on 23 January 2024.
v. Cultural programs organized by students on Teacher's day, Fresher's Party, Farewell Party, etc.
vi. Sports Events held on 20 May 2023; Students participated in activities like cricket tournament, Kabaddi, Badminton etc.

Department of History

The Program Bachelor of Arts (B.A.) was initially run under Department of Social Science and Commerce at BBAU- Satellite Centre, Amethi. A separate Department of History, Political Science, Public Administration, Economics, Sociology, English was established in 2020 with the objective to provide basic knowledge of History, Trade and Industry. Presently, the department is offering full time Bachelor of Arts Program (B.A.) through effective and holistic learning environment to enable the students to enhance their knowledge in the field of Commerce & Trade. Holistic development of the students is aimed and therefore the department organizes number of academic and cultural activities which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. also as part of Social inclusion the students are taught to give back to the society by way of charitable events organized by the department.

1. **Courses offered: i.** Bachelor of Arts (B.A.)
ii. Master of Arts (M.A.- History)

2. Facilities Available in the Department:

i. Smart Classroom
ii. Lecture Hall
iii. Centralized Library
iv. Reading Hall
v. Tutorial Room
vi. Rest rooms for Girls & Boy's
vii. Drinking water facility
viii. Wi-Fi Facility

3. Details of faculty

i. Dr. Rajesh Kumar
(Associate Professor)
Coordinator Department of History BBAU - Satellite Centre Amethi
Specialization: Modern Indian History
Qualification: M.A. Ph. D

ii. Dr. Sushil Kumar Pandey
Assistant Professor,
Department of History
Specialization : Modern Indian History , Ancient Culture and philosophy
Qualification : M.A. Ph.D

iii. Dr. Shankar Kumar Lal
Assistant Professor,
Coordinator Department of Sociology, Public Administration
Specialization : Rural Sociology
Qualification : M.A., Ph.D., PDF

4. Details of Academic activities:

i. "सिविल सेवा में कैरियर"
ii. नई षिक्षा निति चुनौतियां एंव संभावनांए
iii. महात्मा फुले जयन्ती–11.04.2023
iv. संविधान दिवस–26.11.2023
v. डॉ0 बाबा साहेब भीमराव अम्बेडकर जयंन्ती14.04.2023

5. Co-curricular/Extra-curricular/sports Activity by the department:

i. Celebration of Independence Day on 15th August 2023
ii. Celebration of University Day on 10th January 2024
iii. Celebration of Republic Day on 26th January 2024
iv. Elocution competition and Essay Writing completion held on eve of National Youth Day; competition held on 23 January 2024.
v. Cultural programs organized by students on Teacher's day, Fresher's Party, Farewell Party, etc.
vi. Sports Events held on 20 May 2023; Students participated in activities like cricket tournament, Kabaddi, Badminton etc.

Department of English

About the Department:
The Department of English at BBAU Satellite Centre, Amethi was established in 2020 as a distinctive entity following the restructuring of the Department of Languages and Vocational Studies. The department has evolved to become a hub of academic excellence and innovation. Formerly founded in 2016 under BBAU Satellite Centre, Amethi, the Department of Languages and Vocational Studies laid the foundation for our current endeavors.
The Department of English offers a comprehensive range of Undergraduate and Postgraduate courses, namely Four years B.A. Hons. English and M.A. (English) and Ph.D in English as per the UGC guidelines of NEP 2020, These courses are meticulously designed to provide students with a profound understanding of English literature and language, enabling them to explore a plethora of literary and linguistic landscapes.

Vision and Objectives:
The department envisions promoting interdisciplinary studies in English literature by seamlessly integrating texts from various languages and literatures. We aspire to foster a comparatist approach, bridging the gap between English and other Indian languages, in line with the National Education Policy (NEP) of 2020. Embracing India's rich linguistic traditions, the department aims to celebrate diversity and plurilingualism.At the heart of our department's ethos is the commitment to multifaceted teaching and learning. The Department employs an array of textual resources

- Ranging from novels, poems, plays to diverse non-textual sources like architecture, music, cinema, and advertising
- To provide students with an all-encompassing understanding of nations, societies, and intellectual traditions. Our dynamic extracurricular activities make sure that that education goes beyond the confines of textbooks and lectures.
- To create a well-rounded learning experience for our B.A. and M.A. students, we offer a diverse range of extracurricular activities such as Literary Club and
- Writing Workshops, Book Clubs, Theatre and Drama, Film and Literature Screening, Guest Speaker Sessions, Debates and Discussion Forums, Cultural Festivals and Literary Contests.
- By offering a well-rounded mix of extracurricular activities, we ensure that our students not only excel in their academic pursuits but also develop essential life skills, cultural awareness, and a passion for lifelong learning.These activities contribute to their personal and professional growth, making them well-prepared individuals ready to make meaningful contributions to society.

Course Offerings and Societal Engagement:
Our courses act as gateways to contemporary socio-political and cultural dialogues, imbuing students with an acute awareness of crucial issues. Topics like Culture Studies, Literary and Cultural Theories, Indian English Literature, Translation Studies, Indian Philosophical Thought, Gender Studies, Linguistics, English Language Teaching, and Dalit Literature are explored to sharpen critical thinking and deepen cultural understanding. Equipped with enriched perspectives, the students are poised to excel in research and academic pursuits.

2. Courses offered:

- 4yrs -Bachelor of Arts (Hons in English) –Regular Course (Face to Face)
- 2 yrs-Master of Arts (English)- Regular Course (Face to Face)
- PhD in English Course with Scholarship

3. Facilities Available in the Department

i. Smart Classroom (Centralized)
ii. Departmental Library (Centralized)

4. Details of faculty: Department of English

(i) **Dr B Patra,** M.A. M.Phil, M.Ed. MBA Executive , Ph.D.in English
Associate Professor - Head , Dept of English - Exp-18 years (Teaching and Research)
Academic Qualifications:

- PhD in Englils, SOA University , 2013
- M Phil, Utkal University in English, 2008
- MA, Utkal University in English, First Class-75% ,2005
- **EMBA. Utkal University, First Class, 70%, 2022, *(Specialisation –HR and OM)***

(ii) **Dr. Hariom Singh (Assistant Professor- On Lien)**
(iii) **Specialization:** Indian English Literature, Postcolonial Literatures, Gender Studies Language and Linguistics
(iv) **Miss Richa Mandanwal (Temporary Faculty)**
(v) **Miss Akarshi Srivastava (Research Scholar)**

5. Members/fellowship of professional/academic bodies/ editorial board:
i) LIFE MEMBERSHIP: English Language Teachers' Association of India, Chennai-ELTAI Membership No ID:20066949
ii) MEMBERSHIP: International Association of Teachers of English as a Foreign Language-IATEFL Membership No ID:23493
.iii) MEMBERSHIP: Association of Indian Universities (AIU), New Delhi.
iv) MEMBERSHIP: American E-Library, Chennai.
v) MEMBERSHIP: Indian Journal of American Studies(IJAS)

6. Details of Seminar / Conference/Workshop organized by the department: Organized Literary Activity

•DEBATE Competition •Group Discussion On Vikshit Bharat @2047-a Voice of Youth	VIKSHIT BHARAT @ 2047 –a Voice of Youth	Department of English and Social Science	National Level held on 05-12-2023

- Seminar on Enhancing Communication Skills of Slower Learner 2022

7. Other departmental level Academic Activities:

- Departmental in house Literary activities: Essay Competition on Environment Pollution
- Debate Competition on Language and Culture
- Drawing and Painting Competition on National Integration

8. Co-curricular/Extra-curricular/sports Activity by the department:

- Participation in Annual Sports meet 2022 and Cultural Programs organized by students by various occasions like
  a) Teachers' day,
  b) Welcome Ceremony,
  c) Farewell Ceremony and
  d) Plantation Program etc.

9. Paper published during the year by the faculty members (during 01.04.2023 - 31.03.2024)

S.N.	Title of the Paper	Name of Journal	Year of Publication	ISSN No.	Published in SCI journals / UGC / AICTE approved journal(YES/NO)	Proof that this was published SCI journals / UGC / AICTE approved journal
01	The Significance English Communication in Industrial Sector at Angul, Odisha	**IJRAR-** International Journal of Research and Analytical Reviews	**2025**	E-2348-1269, P-2349-5138	UGC Approved Journal No: 43602	http://www.ijrar.org/viewfull.php?&p_id=IJRAR25A1097 Volume-12 Issue-1

02	Mystification Of "Death" /"After Life" / "Life After Death" in Western and Eastern Thought: A Comparative Study	**IJRAR-** International Journal of Research and Analytical Reviews	**2025**	E- 2348-1269, P-2349-5138	UGC Approved Journal No: 43602	http://www.ijrar.org/viewfull.php?&p_id=IJRAR25A1021 Volume-12 Issue-1
03	A Comparative Analysis on Metaphysical Poets of Western and Eastern with Special reference to Metaphysical Elements in the Poetry of Bhima Bhoi	**IJFMR-** International Journal for Multidisciplinary Research	**2024**	2582-2160	Peer Reviewed Refereed Journal	Website: www.ijfmr.com https://www.ijfmr.com/research-paper.php?id=29583 Volume-06 Issue-5
04	Voices and Visages: An Analysis of Gender Dynamics in AI and Robotics Representation	IJIRT International Journal of Innovative Research in Technology - an UGC approved journal	**2024**	**2349-6002**	UGC Approved Journal no 47859	https://ijirt.org/index.php/Issue?volume=11&issue=5&month=October%2B2024-168889 Volume 11 Issue 5
05	Analyzing Prevalence of English Communication in the workplace for Glocal and Global perspectives	**IJIRT-** International Journal of Innovative Research in Technology	**2024**	**2349-6002**	UGC Approved Journal no 47859	https://ijirt.org/publishedpaper/IJIRT168347_PAPER.pdf https://ijirt.org/Article?manuscript=168347 Volume 11 Issue 5

10. Attended/Participated in conference/ seminar/ workshop inside country: -

Sl No	Name of the Course	Place	Duration	**Sponsoring Agency**
1	Refresher Course in English on Literature and Social Change	Dept of English, University of Allahabad, Prayagraj. UP	20-11-2023 to 03-12-2023 [2 weeks]	UGC-HRDC

11. Details of Book written/edited by faculty members:-Dr B Patra

S.No	**Title with page nos.**	**Type of Book & Authorship/e-Book**	**Publisher & ISSN/ISBN No.**	**Whether peer reviewed**
01	Envisioning Inclusivity and Indigeneity in Education for Sustainable Development: A study on NEP 2020 in India [Chapter-14-Pages-212-220]	International Publication	IGI Global Pub: **DOI: 10.4018/979-8-3693-2802-6** ,.ch014	YES

12. Details of editing journals and magazines:-

Dr B Patra as member in Editorials-IJIRT -International Journal of Innovative Research in Technology - an UGC approved journal

13. Attended/Participated in conference/ seminar/ workshop inside country:-

S. No	Title of Paper/ Art Presented	Title of Conference/ Seminar/ Exhibition	Organiser(s)	International/ National/ State/ Regional/ College or University level.
01	Indian Ecological Perspectives; The Religion of the Forest and relationship of Man and Nature:A poetic study on Rabindranath Tagore's love of nature	International Conference on "Reim agining Planetary: Planetary and the Earth Family"	Dept of English BHU, Varanasi, UP	International Level held on November 24-25, 2023
02	Language and Technology The advancement of Odia as a Classical language through Technology:A Linguistic Analysis	भारतीय भाषा सम्मेलन-झारखंड (Bharatiya Bhasha Sammelan-Jharkhand)	Central University of Jharkhand Ranchi-835 222,	International Level held on 19th March 2024
03	Human Value in Higher Education	International Conference on Human Value in Higher Education(ICHVHE-2024	UHV Foundation-Delhi	International Level held on 19th APRIL 2024
04	The Representation of Disability in Indian English Literature: A study on Sushmita Bagchi's "Children of a Better God"	International Conference on "Mapping Disability in 20th Century Literature and Culture"	Dept of English University of Delhi	International Level held on 17th -18 Feb 2024

14. Research Activities: Ph. D student's Pursuing :- Miss Akarshi Srivastava 3 times Qualified UGC NET- AC-196/23

A Comparative of Embodied Identities of Human and Non-human Female Characters: A Feminist Study

15. Students achievements: MA English 100% results in the year 2023-24 (all First Class)

16. Google profile of the faculty members: Dr B Patra-

https://independent.academia.edu/BairagiPatra

Committee of Basic Facilities for Women (CBFW)
&
Gender Champions Committee (GCC)

University has Committee of Basic Facilities of Women (CBFW), which strives to provide basic sanitation, accommodation and other facilities like health and overallwell being of women faculty and employees of the University.
The committee is as follows:

Prof. Shilpi Verma (DLIS)	**Chairperson**
Dr. Sufia Ahmad (DL)	**Member**
Dr. Taruna (DRM)	**Member**
Dr. Preeti Gupta (DC)	**Member**
Dr. K. Sharmila (HDFS)	**Member**
Dr.SapnaKuahwaha (DPh)	**Member**
Dr. Manjari Raj Oraon (DPS)	**Member**
Ms. Alambusha Tripathi	**Member & Convener**

Gender Champions Committee (GCC) at BBAU has been set under UGC's guidelines to promote gender equality and to create a more gender sensitive environment in the university campus. The committee is headed by Prof. Shilpi Verma, other members are:-

Prof. Shilpi Verma (DLIS)	**Chairperson**
Prof. Shura Darapuri (DH)	**Member**
Prof. Jaya Srivastava (DS)	**Member**
Dr. Baljeet Srivastava (DH)	**Member**
Dr. Namita Jaisal (DH)	**Member**
Dr. Shikha Tiwari (DE)	**Member**
Dr. Nitesh Kumar Verma (DLIS)	**Member & Convener**

The Gender Champions of the university are as follows:-

Year 2019-20
Ms. Rohini Dahiya (Deptt. of Political Science)
Ms. Poorvi (Deptt. of Library & Information Science)
Mr. Abhishek Agnihotri (Deptt. of Human Right)

Year 2020-21
Mr. Anurag Sharma (Deptt. of Education),
Ms. Himanshi Singh (Deptt. of Economics)

Year 2022-23
Ms. Mohita Jain (Deptt. of Political Science)
Mr. Abhinav Mishra (Deptt. of Political Science)

Year 2023-24
Ms. Nandita Mishra (Deptt. of Public Administration)
Mr. Mayank Saroj (Deptt. of Management Studies)

Gender Champion Committee conducted various events .These events included introductory session, Poster making Competition, Essay writing competition webinar etc. and activities to sensitize BBAU fraternity at large and organized various events outside the campus in slum and adopted village too.

Event/Webinar/Competition/Activities conducted in 2023-2024

- जेंडर चैम्पियन्स का चयन–2023–24 (निबंध एवं भाषण प्रतियोगिता) दिनांकः 01 अगस्त 2023
- Poster Making Competition on "Anti Ragging" on 16th August 2023
- Interactive Session on Gender Awareness on 17th October
- महिला सशक्तिकरण"महिला हॉफ मैराथन"दिनांकः 31 दिसम्बर 2023
- National Seminar on "Role of Women in Transforming Culture Heritage: With A Special Reference to Public Libraries" on 13th March 2024

Azadi Ka Amrit Mahotsav
&
Vikshit Bharat

Azadi Ka Amrit Mahotsav Committee of University is celebrating 75th Years of Independence and popularizing about unsung heroes, unsung places and unsung events which played important role in struggle of Independence. Azadi Ka Amrit Mahotsav Committee organized a series of events as per directives by the Government of India to commemorate the 75th Anniversary of India's Independence.

The Azadi Ka Amrit Mahotsav committee is as follows:

Prof. Shilpi Verma	**Chairperson**
Prof. M.L. Meena	**Member**
Dr. Pawan Kumar Chaurasia	**Member**
Dr. Baljeet Shrivastava	**Member**
Dr. Pradeep Kumar Singh	**Member**
Dr. Sudarshan Chakradhari	**Member**
Dr. Ravi Shankar Verma	**Member & Secretary**

Viksit Bharat 2047' is the current government's roadmap to making India a completely developed nation by 2047; 100 years after independence. Hon'ble Prime Minister Narendra Modi has stated that the core objective of the Viksit Bharat vision is to foster inclusive economic participation among all citizens. **Prof. Shilpi Verma nominated as Ambassador of "Vikshit Bharat"** to represent the University.

Event/Webinar/Competition/Activities conducted in 2023-2024

- Ambedkar Jayanati Celebration on 14th April 2023
- मेरी माटी मेरा देश "वृक्षारोपण कार्यक्रम" दिनांकः 22 जुलाई 2023
- मेरी माटी मेरा देश "कारगिल विजय दिवस" दिनांकः 26 जुलाई 2023
- जेंडर चैम्पियन्स का चयन–2023–24 (निबंध एवं भाषण प्रतियोगिता) दिनांकः 01 अगस्त 2023
- Extempore on unsung heroes, Planting saplings, Pledge-taking ceremonies & Selfies with mud/mitti on 07th August 2023
- Har Ghar Tiranga Abhiyan: The Panch Pran Pledge Tiranga Yatra on 13th August 2023
- Exhibition on Partition Horrors & Flag Distribution Ceremony on 14th August 2023
- Poster Making Competition on "Anti Ragging" on 16th August 2023
- G20 Youth Conclave "One Earth, One Family, One Future" on 28th August 2023
- G20 University Connect Finale on 26th August 2023
- G20 University Connect Finale (Live Telecast) in BBAU on 26th August 2023
- मेरी माटी मेरा देश "अमृतकलश यात्रा" दिनांकः 13 अक्टूबर 2023
- "काव्य गोष्ठी"दिनांकः 21 नवम्बर 2023
- Live Telecast VIKSHIT BHARAT @2047: Voice of Youth on 11th December 2023
- Group Discussion on "Viksit Bharat@2047: Voice of Youth" on 15th December 2023
- Slogan Writing Competition on "Viksit Bharat @2047: Voice of Youth" on 19th December 2023
- Seminar Vikshit Baharat @2047: From Vision to Reality on 21st December 2023
- महिला सशक्तिकरण"महिला हॉफ मैराथन"दिनांकः 31 दिसम्बर 2023
- Slogan writing competition under Viksit Bharat@2047 on 10th January 2024
- Swami Vivekananda Jayanti under Vikshit Bharat on 12th January 2024
- Subhash Chandra Bose Jayanti, Prakram Diwas &GunvattaPakhwada under Vikshit Bharat on 23rd January 2024
- Pariksha Pe Charcha-2024 on 29th January 2024
- World Wetlands Day 2024 on 03rd February 2024
- Debate Competition VIKSHIT BHARAT @2047: YUVA SAMVAD PROGAMME on 13th February 2024

- "National Science Day" National Conference on Indigenous Technologies in Physical Sciences for Viksit Bharat@2024 28th February 2024
- India's Techade - Chips for Viksit Bharat on 13th March 202

Gautam Buddha Central Library (GBL)

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.

The Library is governed by LAC (Library Advisory Committee). The LAC is an apex policymaking body which functions under the chairmanship of Vice-Chancellor. Presently, followings are the member of LAC:

i.	Prof. D. R. Modi, (Dept. of Biotechnology)	-Chairman (Hon'ble VC Nominee)
ii.	Prof. K. L. Mahawar, (Dept. of Lib & Inf. Sc.)	- Member
iii.	Prof. Sarvesh Kumar Singh (Dept. of Hindi)	- Member
iv.	Dr. Sunil Kumar Singh, (Dept. of Math)	- Member
v.	Dr. Vijaykumar, M. R. (Dept. of Pharma. Sc.)	- Members
vi.	Students Nominees/Representatives	- Academic Council's nominees
vii.	Dr. Sunil Goria	- Member & Secretar

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 301 days for the users'. The 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)' 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 69346 print documents and it provides access to 8046 full-text online journals, 2511 perpetual access e-books and 21000+ e-books through eSS.

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. 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.Sections of the Library

i. **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 2023-24, the section has purchased print 2807 books. Presently total print collection available in the Library is 69346 documents. Ddetails of collection are mentioned in the Table-1. The Library has subscribed e-Books on perpetual access model form various publishers i.e. Cambridge University Press, Oxford University Press and Cengage Learning.

Table 1: Books Purchased during 2023-2024

S. No.	Items	Total
1	Print Books Purchased	2807
2	Print Books Purchased for Amethi Satellite Centre	284
3	E-Books Purchased	188
4	वर्ष में क्रय की गयी हिन्दी पुस्तकों की संख्या	187
5	Books received by Gratis/Donation	135

6	Expenditure on Books (In Rs.)	3713635
7	Expenditure on Books for Amethi Satellite Centre (In Rs.)	178882
8	Expenditure on e-Resources (Perpetual Access) (In Rs.)	2439323
9	Approximate value for received donated books (In Rs.)	63007
10	Total number of Documents Technically Processed	3053
11	Total number of Print Documents in the Library	69346

ii. **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 empaneled vendors.
- **E-Resources:** e-Books, e-Journals and databases are purchased after negotiation form concern publishers.

iii. 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. WorldCat of OCLC has also been used for classification and cataloguing of the documents. During the year, 3053 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.

iv. 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 2543members (including students, faculty and staff of the University) of the Library in the year 2023-24. The details of library membership are mentioned in Table-2 and table 3.

Table 2: Total Membership of the Library as on 31/03/2024

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	1362	908	2270
2	P.G. Students	1247	832	2079
3	Ph.D. Scholars	72	47	119
4	Faculty	104	26	130
5	Non-Teaching	30	0	30
Grand Total		1815	1813	4628

Table 3: New Membership in 2023-2024

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	477	362	839
2	P.G. Students	739	643	1382
3	Ph.D. Scholars	120	108	228

4	Faculty	52	12	64
5	Non-Teaching	30	0	30
Grand Total		**1418**	**1125**	**2543**

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 2023-2024 are mentioned in Table-5.

Table 5: Circulation Transaction during 2023-24

S. No.	Items	Total
1	Book issued	**19246**
2	Books consulted in the Library	**335144**
3	No. of users consulted the Library	**97228**
4	Miscellaneous Charges collected in rupees	**79653**

v. Periodical section: The section subscribes journals, newspapers, and magazines. The section subscribed 70 print journals, 32 magazines and 21 newspapers for the year 2023-24. An amount of Rs. 35662/- 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, 14782 users visited in the section. The Library has received 38 journals through gift. The Library purchased journals and magazines by spending Rs. 393863. The details of periodicals are given in Table-6.

vi.

Table 6: Print Magazines, Newspapers and Journals for the year 2023-24

S. No.	Items Available	Language			Total
		Hindi	English	Urdu	
1	Newspapers	11	8	2	21
2	Magazines	09	19	-	32
3	Print Journals	01	69	-	70
4	Print Journals (Gifted)	22	19	-	41
5	Annual Reports & Survey	3	07	-	10
6	Faculty Publications	01	105	-	106
Total					

vii. Cyber/ e-Library Section: Cyber section has a total number of 25 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, 10453 students and faculty members visited in the section.

viii. **Thesis and Dissertation Section**: The Library has a separate theses section to organize the thesis collection of the University. A total number of 2218 of theses (860) and dissertations (1358) are available in this section of various departments of the University. A total number of 231 thesis and dissertations are processed during the year 2023-24 and during the same period, 647 students and research scholars have visited the section. The section has submitted a total of 542 (57 in 2023-24) e-theses in the Shodhganga repository of INFLIBNET.

ix. **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

x. **RFID System:** Radio-frequency identification (RFID) and Electromagnetic (EM) systems have been implemented in the Central Library. The Library has procured the RFID and EM equipment/items (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 following RFID and EM items have been installed in the Library.

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

- **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 **2543** Smart ID cum Library cards were prepared and distributed to the library users by the Library.

3. Facilities and services available in the Library

i. 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.

ii. Circulation: The issue and return of the documents service is provided to the users from the circulation counter of the Library. The staff of circulation section helps to the users in self-issue-return of the documents through RFID systems.

iii. Document Delivery Service (DDS): The Library provides a hard/soft copy of articles to the users under DDS.

iv. Hindi Prakosth: The Library also extended its services in the form of *'HindiPrakosth'* for encouraging use of Hindi collection of books.

v. Email Alert: The Library uses email librarian@email.bbau.ac.into provide alert services such as overdue of books, etc. to the users.

vi. E-resources access service: E-Resources access facility has been provided to the University fraternity through Cyber 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.

vii. 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.

viii. 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.

xi. 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.

x. New Arrival: The Library has been providing new arrival facility through display of the newly acquired documents. New arrivals' information have also been provided through OPAC.

xi. 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.

xii. Plagiarism checking: The Library is a member of 'Shodhganga' project of INFLIBNET. Plagiarism detection software (i.e. PDS - Urkund/Ouriginal) 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 Ouriginal. TheLibrary has also been checking plagiarism/similarity for e-thesis and e-articles of the University fraternity. During the year, the plagiarism/similarity of total **9625** documents (748documents through Ouriginal, 1555 from DrillBit and 7322 documents through iThenticate) plagiarism detection tools were checked by the Library.

Table 9: Use of Plagiarism Detection Software (PDS)

Name of Software	Year	Apr'23	May'23	Jun'23	Jul'23	Aug'23	Sep'23	Oct'23	Nov'23	Dec'23	Jan'24	Feb'24	Mar'24	Total
iThenticate	2023-2024	568	954	509	490	518	421	551	401	593	985	782	550	7332

xiii. 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 ILMS:** The Library has organized an Online Training on INFLIBNET Learning Management Service (ILMS) on April 19, 2023 from 03:00 PM to 05:00 PM via Google Meet for all the faculties of the Babasaheb Bhimrao Ambedkar University. ILMS is a service offered by the INFLIBNET- an IUC of UGC to the institutions of higher education across the country.
- **Online Training Program** on "How to publish your research Open Access in Impactful Journals" in Taylor and Francis Journalson July 25, 2023at 3:00 PM to 5:00 PM via Zoom platform for students, research scholars and faculties of the University.
- **DrillBit PDS training:** Online trainingsession via Google meet platform is organized by the library in collaboration with INFLIBNET on October 16, 2023 at 11:00 AM – 1:00 PM for students, research scholars and faculties of the University.
- **DrillBit PDS advanced training:** The advanced training of DrillBit is organizedon December 21, 2023 from 3:00 PM - 4:00 PM via Google meet platform for students, research scholars and faculties of the University in collaboration with INFLIBNET and Balani InfoTech.
- **Online Orientation Session for MH Express Library:** The Central Library conducted Online Orientation Session on "McGraw Hills Express Library (e-Books)" for the UG/PG Students, Research Scholars and Faculties of BBAU in collaboration with McGraw Hill Education on December 12, 2023 from 03:00 PM to 4:00 PM via Zoom platform.

xiv. 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 from web address https://www.gbl.bbau.ac.in:8001/. The Library has implemented RFID system and smart library card system in the Library.

xv. Website of the Gautam Buddha Central Library: The Library has developed a website of the Gautam Buddha Central Library in Joomla-4 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/index.php as shown in figure-14.The library website is linked with BBAU website for convenience of the users. More than 14300 users have accessed the website during the period.

xvi. 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, 542 e-theses and dissertations have been uploaded. During the year, 132e-theses and dissertations were uploaded in the repository. Users may access the repository from the web address http://14.139.228.232/home.

xvii. 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, **191693** 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-10).

Table 10: Usage of e-Resources

Resource	APR'23	MAY'23	JUN'23	JUL'23	AUG'23	SEP'23	OCT'23	NOV'23	DEC'23	JAN'24	FEB'24	MAR'24	Total
American Chemical Society	430	1195	474	34	46	62	61	26	71	49	53	50	2551
JSTOR	3713	3694	2497	4128	3462	2708	3588	3823	4667	3932	4753	5285	46250
Nature	353	495	258	225	335	344	384	370	386	461	555	631	4797
Oxford University Press	549	551	292	276	322	339	323	287	373	394	502	387	4595
Project Muse	44	80	17	38	31	99	37	50	26	19	41	46	528
Science Direct	1908	2304	1214	1001	1084	1086	1244	1230	1152	1181	2214	1756	17374
Springer Link	6683	7989	5504	5169	5577	5548	7350	4418	5871	5592	6647	5960	72308
Taylor and Francis	1637	1644	1023	1438	1138	1139	1133	905	1014	986	1520	1498	15075
Wiley-Blackwell	1177	1425	1195	915	765	682	789	653	975	826	1425	1316	12143
e-Books Usage	-	-	-	-	-	-	-	-	-	-	-	-	16072
Total	**16494**	**19377**	**12474**	**13224**	**12760**	**12007**	**14909**	**11762**	**14535**	**13440**	**17710**	**16929**	**191693**

xviii. INFED Remote Access System: The Central Library provides remote access of more than 8046 e-Journals and thousands of e-books 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 4880 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 e-Resources from home.

4. Online E-resources

The Library provides access to two bibliographic databases (Table-11) and 6 full-text journals/databases (Table-12) in various subjects like Science, Social Science, Arts &Humanities, Engineering, Law, etc. to the University fraternity through E-ShodhSindhu. During the period, the access of approximately following 8046 full-text e-journals has been provided to the users. The subscribed/purchased other e-Resources of the Library are mentioned in table-13.

Table 11: Bibliographic Database

S. No	Name of the Bibliographic Database
i.	Institute for Studies in Industrial Development (ISID) Database
ii.	J-Gate Plus (JCCC)

Table 12: Full-Text Online Databases

S. No.	E-resources	No of Full-Text Journals
i.	Economic & Political Weekly	1
ii.	JSTOR	3165
iii.	Oxford University Press	262
iv.	Project Muse	676
v.	Springer Link	2866
vi.	Taylor and Francis	1076
Total Full-Text Journals		**8046**

Table 13: Subscribed/Purchased other e-Resources

S. No	Name of the Subscribed/Purchased e-Resources	No. of users/e-Books
1	iThenticate Anti Plagiarism Software	1000 users
2	E-Books (Perpetual Access)	2511
3	Manupatra	Law Database

5. The Library Expenditure for the Year 2022-23

The Central Library received an amount of Rs. 90.0 Lakhs in three different budget heads i.e. Books & Journals (Rs. 50.0 Lakhs), ICT enabled infrastructure for online Learning & Perpetual E-Resources (Rs. 25.0 Lakhs) and Other Infrastructure including Furniture & Fixture (Rs. 15.0 Lakhs) from the University, out of which an amount of Rs. 72.33 Lakhs has expended by the Library. The breakup details of expenditure is given in table-14.

Table 14: Library Expenditure for the year 2023-24

S. No	Name of Items	Expenditure incurred (in INR)
i	Print Books	3892517
ii	Print Journals & Magazines	393863
iii	e-Books (Perpetual Access)	2439323
iv	Manupatra Database	200600
v	ILMS	70800
vi	INFED Remote Access	49560
vii	Software to Connect RFID Kiosk with KOHA	24779
vii	Print Books for NBHM Grant	161101
	Total Approximate Amount Spent	**7232543**

6. The Library at a Glance

The statistics at a glance of the Library for the year 2023-2024 has given in the following table-15.

Table 15: Library at Glance for the year 2023-2024

S. No.	Items	Total	Sections
1	Print Books Purchased	2807	Acquisition and Technical Section
2	Print Books Purchased for Amethi Satellite Centre	284	
3	E-Books Purchased	188	
4	वर्षमेंक्रयकीगयीहिन्दीपुस्तकोंकीसंख्या	187	
5	Books received by Gratis/Donation	135	
6	Expenditure on Books (In Rs.)	3713635	
7	Expenditure on Books for Amethi Satellite Centre (In Rs.)	178882	
8	Expenditure on e-Resources (Perpetual Access) (In Rs.)	2439323	
9	Approximate value for received donated books (In Rs)	63008	
10	Total number of Documents Technically Processed	3053	
11	Full-text online journals accessible	8046	Periodical Section
12	Bibliographic Databases	2	
13	Print Journals Subscribed	70	
14	Print Newspapers subscribed	21	
15	Print Magazines subscribed	32	
16	Number of Visitors in Periodical section	14782	
17	Expenses on Newspapers	35662	
18	Faculty Publications Displayed	150	
19	Number of Gratis/ Gifted Journals Received	38	
20	Expenditure on Print Journals (In Rs.)	395062	
21	Number of Registered users of Library	4880	Circulation Section
22	Books issued to the Users	19667	
23	Number of Books Consulted in library	335144	
24	Users consulted in the Library	97228	
25	New Registration of Users/Smart ID cards Prepared	2543	

26	Miscellaneous Charges collected (in INR)	79653	
27	Documents uploaded in **URKUND** Antiplagiarism Software	748	**Cyber Section**
28	Documents uploaded in **Drill Bit** Antiplagiarism Software	1555	
29	Documents uploaded in **iThenticate** Antiplagiarism Software	7332	
30	Number of Visitors in the Cyber/e-Library section	10453	
31	Number of Computers in the Cyber Section	25	
32	Number of Theses Uploaded on Shodhganga	542	
33	Number of hits on Library Website	21004	
34	Numbers of Theses uploaded in the IR of University	121	
35	Remote login IDs & Password Provided to the Users	4880	
36	Number of articles/documents downloaded/used from e-Resources	191693	
37			
	Theses & Dissertations Received in Library	231	**Theses Section**
38	Processed Theses & Dissertations	195	
39	Visitors in the Theses Section	647	
40	Number of Theses Available		
41			
	Information Literacy Program/webinar/workshop Conducted	5	**Others**
42	Number of days Library opened	301	
43	Total Number of Books as on 31/03/2024	69346	
44	Seating capacity of users	400	

7. 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. 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. Panwar, Renu and Goria, Sunil (2024). An analysis of the contents of Websites of Indian Agricultural Universities for their conformity with ICAR Standards. International Journal of Science, Environment, and Technology, Vol. 13, No 3, 251 – 262.

University Works Department
(Engineering Section)

Engineering Section 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.

Function:

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.

बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय

विद्या विहार, रायबरेली रोड, लखनऊ–226025

Babasaheb Bhimrao Ambedkar University

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow-226025

Letter No. ...591.../5(102)/2022/PART-22

Dated: ..15.07.2022

CONSTITUTION OF BUILDING COMMITTEE

In pursuance of the latest guidelines issued by the University Grants Commission vide letter no.-F.No.1-1/2012(CU) dated 02.03.2017, the Vice-Chancellor is pleased to re-constitute the Building Committee of the University consisting of the following members w.e.f. the date of issue of the order for a period of two years:-

S. No.	Name /Designation of the members	Status	Address
1.	Vice-Chancellor, BBAU, Lucknow	Chairman	Babasaheb Bhimrao Ambedkar University, Lucknow
2.	Prof. Yogendra Pratap Singh, in his capacity as Member of Planning Board, BBAU, Lucknow	Member	Department of Hindi and Modern Languages, University of Prayagraj-211002
3.	A representative of the user department	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
4.	Prof. Sunita Mishra (Prof. nominated by the Vice-Chancellor)	-do-	Department of Human Development and Family Studies, BBAU, Lucknow
5.	Prof. K.L. Mahawar (Prof. nominated by Vice-Chancellor)	-do-	Department of Library & Information Science, BBAU, Lucknow
6.	Finance Officer, BBAU, Lucknow	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
7.	Prof. Laxmi Kant Mishra	-do-	Department of Civil Engineering, Motilal Nehru National Institute of Technology Prayagraj-211004
8.	Chief Engineer, (NZ)-II, CPWD or his representative	-do-	3rd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow-226 024
9	Er. V.B. Singh, Retd. Superintending Engineer (Civil), UP Power Corporation Ltd., Lucknow	-do-	4/125, Vishal Khand, Gomti Nagar, Lucknow-226 010
10.	Executive Engineer (Electrical), Lucknow Central Electrical Division, CPWD, Lucknow	-do-	2nd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow-226 024
11.	Er. Sanjay Kumar Tiwari, Chief Engineer, U.P. P.W.D. & M.D., U.P. R.N.N. Ltd.	-do-	Managing Director, UP RNN Ltd., Vishweshswariya Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow- 226 010
12.	Executive Engineer, BBAU, Lucknow	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
13.	Chief Architect, UP Public Works Department, or his nominee	-do-	Nirman Bhawan, opposite Governor House, Lucknow
14.	Chief Architect (NZ-II)/ Senior Architect (NZ)-II, Central Public Works Department, Lucknow	-do-	6th floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
15.	Prof. Vandana Sehgal, Principal & Dean, Faculty of Architecture and Planning	-do-	Dr. APJ Abdul Kalam Technical University, Lucknow-226031
16.	Prof. In-charge, Engineering Section, BBAU, Lucknow	Sectional Head	Babasaheb Bhimrao Ambedkar University, Lucknow
17.	Registrar, BBAU, Lucknow	Member Secretary	Babasaheb Bhimrao Ambedkar University, Lucknow

Note:- 9 members will constitute the quorum out of which at least two members with Engineering and one Architectural background should be present.

The scope of work for the Building Committee is as per enclosed Annexure-I.

Registrar

Copy forwarded to the following for information and necessary action:-

1. All members.
2. Assistant Registrar, Vice-Chancellor, BBAU, Lucknow.
3. Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110002.
4. In-charge (Establishment), BBAU with a request to kindly place it in the next meeting of B.O.M. for ratification.
5. In-charge, University Website.

Member-Secretary
Registrar

Status of Financial & Physical Progress of works awarded to CPWD during financial year 2023-24:

(Rs. In Lakhs)

Sl. No.	Name of Project	Approved Project Cost	Executing Agency	Financial progress		Physical Progress %
				Expenditure till date	Financial Progress %	
1.	Construction of 100 seated OBC Boys Hostel	328.00 Lakhs	CPWD	328.00 Lakhs	100%	70%
2.	Construction of Lecture Hall Complex for EWS at BBAU campus	1589.17 Lakhs	CPWD	1430.25 Lakhs	90%	0%
3.	Renovation and Raising of Boundary wall of University Campus	296.79 Lakhs	CPWD	296.79 Lakhs	100.00	50%
4.	Construction of new Main Gate at BBAU campus	98.53 Lakhs	CPWD	88.67 Lakhs	90%	10%
5.	Internal & External painting and maintenance (Civil) work of various buildings at BBAU	154.85 Lakhs	CPWD	154.85 Lakhs	100%	70%
6.	Construction of Savitribai Phule Girls hostel at BBAU	1180.67 Lakhs	UP RNN UP Govt.	--	--	95%

Various works undertaken directly by the University
(Financial Year 2022-23)

S.No.	Name of Work/Supply	Total Expenditure (In Rs.)	Status of Work	Division
1	Repairing of damaged G.I. Water line at Ambedkar Bhawan and Central Library and drainage line at Computer Centre	9,576.40	Completed	Civil
2	Dismentaling and refixing of Aluminium partition at Central Library 3rd floor	7,800.00	Completed	Civil
3	Providing and fixing of curtain rod	3,462.00	Completed	Civil
4	Supply of Tenure Board of the Registrar	8,880.00	Completed	Civil
5	Repairing of damaged 200 mm DI main water and branch line near SAS Building	18,000.00	Completed	Civil
6	Installation of Laboratory sink wall fan & rewinding of ceiling fan and replacement of LED tube lights in Research lab Horticulture ar SBBT Phase-1	37,250.00	Completed	Civil
7	Supply of Plumbing goods at BBAU for urgent work	22,883.00	Completed	Civil
8	Construction of Poly house and Shed net House for Botanical Garden	15,77,896.32	Completed	Civil
9	Providing a& fixing to repairing of MS grill (Near Ramabai Raily Sthal), BBAU, Lucknow	8,500.00	Completed	Civil

10	Providing and fixing of SS retro reflective eco friendly boards for 04 nos ponds, 03 nos RWH, 06 nos recharge well and 04 nos waste disposal pits and 2 no ss retro reflective board for GBS in the BBAU Campus Lucknow	94,110.45	Completed	Civil
11	Supply and filling of bajari arrangement around the casing pipe of 20 HP	21,607.00	Completed	Civil
12	Emergent painting work at guest house for stay of expert members	33,600.00	Completed	Civil
13	Providing and fixing of barbed wire fencing at collapsed boundary wall near Parag Booth near gate no. 02	24,090.00	Completed	Civil
14	Construction of Aluminium partition for smart room for Deptt. Of Hindi at Central Library and repairing of Aluminium doors at UIET	75,356.00	Completed	Civil
15	Conversion of shaded parking area into scrapyard behind old adm block	1,31,426.87	Completed	Civil
16	Replacement of damaged wooden flooring by floor tiles at Proctor Office	34,740.00	Completed	Civil
17	Partition work at Deptt. of Library Science at Central Library	48,248.50	Completed	Civil
18	Repairing of SS dining table and stools of dining hall for all hostel at BBAU	50,400.00	Completed	Civil
19	Re-painting and Re-lettering of existing M.S. gate barrier lettering of Room Nos. of University Buildings and fixing adheshiv flex banner with revised matter of Anti-Ragging sign boards, No smoking board and Grievance Board	2,38,495.62	Completed	Civil
20	Fixing of M.S. gate replace of damaged flush door shutters of Sidddhartha, Sanghmitra, Substation-2, Ashoka and painting with distemper at various spitting of places and repairing of tiles of Ashoka Hostel, RCA Hostel & Sanghmitra Phase-II, Supply of aggregate of Substation-I	2,40,247.92	Completed	Civil
21	Repairing of laminated board flooring and replacement of damaged door of Ambedkar Museum Room	54,988.13	Completed	Civil
22	Providing and fixing of damaged green shed net of green house	1,70,231.67	Completed	Civil
23	Resurfacing of existing bat-minton court at BBAU, Lucknow	1,88,940.17	Completed	Civil
24	Supply &Fixing of table top glass at Vice Chancellor Secretariat, BBAU, Lucknow	9,968.00	Completed	Civil
25	Painting of kerb stone from CL to gate 2 and health centre to gate no. 3	2,30,547.59	Completed	Civil

26	Installation of 5 layer synthetic acrylic system on basketball court at sports ground, BBAU	2,43,163.17	Completed	Civil
27	Construction of 01 No. Male and Female toilets at Botanical Garden	2,71,118.15	Completed	Civil
28	Construction of Deep Tube-well including Electrification work for Fish Pond of B. Voc. Course of Department of Zoology	4,51,888.60	Completed	Civil
29	Construction of Aluminum partition for Dept. of Sanskrit at Basement of Central Library	2,38,265.47	Completed	Civil
30	Providing and Fixing of M.S. grill on window of UIET smart class room	35,560.00	Completed	Civil
31	Repairing of damaged and chocked sewer line of VC Camp office cum Residence	86,785.03	Completed	Civil
32	Repairing of SEES HAll at SEES Building	90,554.36	Completed	Civil
33	Supply and fixing of calcium silicate false ceiling on existing frame and repairing of damaged glass panes of temprory hall near Guest House	2,40,668.97	Completed	Civil
34	Painting of corridor of Ambedkar Bhawan at BBAU	2,13,502.21	Completed	Civil
35	Renovation of Board Room of VC Secretariat at Ambedkar Bhawan	2,44,887.30	Completed	Civil
36	Providing and fixing of cotton fabric curtain of council Hall at Old Adm. Block	54,000.00	Completed	Civil
37	Supply and fixing of looking mirror for Sanghmitra Hostel-II and Legal Building	92,276.00	Completed	Civil
38	Construction of Aluminium partition at SEES building to make store room below stairs besides the entrance of the building at BBAU	17,469.22	Completed	Civil
39	Construction of commode seat toilet at VC camp office cum residence at BBAU	1,26,122.79	Completed	Civil
40	Painting of Platform and Flag Pole at SES ground for Republic Day	6,766.70	Completed	Civil
41	Estimate for vinyl printing and pasting of tenures and Ph.D. scholar's list	76,440.00	Completed	Civil
42	Shifting of AL partition from central library to Room No. 307 at Ambedkar Bhawan	77,417.93	Completed	Civil
43	Internal & External Painting and civil maintenance of Old Administrative block complex	15,73,565.79	Completed	Civil
44	Beautification and modification of an open space in front of Student Activity Centre at BBAU	2,44,015.70	Completed	Civil
45	Providing and fixing of 10 nos ICC MS signage board, 01 no SS retro reflective signage board for DMCJ and revision of 03 nos master plan retro reflective and 04 nos SS with retro reflective T junction signage board	2,26,361.30	Completed	Civil

46	Cleaning of chocked sewer line and maintenance of chamber around girls hostel, boys hostel, A, B & C type quarters at BBAU, Lucknow	7,38,777.73	Completed	Civil
47	Purchase of Modular Table and Wooden Chair for Stage of the University Auditorium Engineering Section, BBAU	4,36,512.00	Completed	Civil
48	Cleaning of open drain and culverts around Old Adm. to gate no. 1, c-type to guest house, B-type to guest house, back side of V.C. Residence and construction NP-2 culvert at SBBT Road and also in-front of VC Residence from gate No. 02 to Rearing House	2,27,878.67	Completed	Civil
49	Internal & External Painting and civil maintenance of Old Administrative block complex	15,73,565.79	Completed	Civil
50	Providing and fixing of flush door shutter and wire mesh shutter at A-1/0-1 servant quarter, other maintenance work of guest house, V.C. camp office, maintenance of damaged M.S. main gate of Sanghmitra Girls Hostel and replacement of damaged tiles of Ambedkar Memorial Park	2,35,354.58	Completed	Civil
51	Patch painting of VC camp office cum residence at BBAU	86,429.98	Completed	Civil
52	Construction, strengthening & renovation of existing poly house structure for lab of Prof. Naveen Arora under project head at Pragya Vatica, BBAU, Lucknow	17,73,378.64	Completed	Civil
Total (A) Rs.		**1,30,23,971.72**		

S.No.	**Name of Work/Supply**	**Total Expenditure (In Rs.)**	**Status of Work**	**Division**
1	Repairing of AC at SAS hall of BBAU Campus	16,500.00	Completed	Electrical
2	Repairing & Servicing of AC at VC Camp Office	7,450.00	Completed	Electrical
3	Repairing & Servicing of AC at Guest House & Home Science	12,800.00	Completed	Electrical
4	Repairing & Servicing of AC at Guest House & Home Science	3,717.00	Completed	Electrical
5	Repairing and purchase of new UPS battery for VC Camp office	9,476.00	Completed	Electrical
6	Supply of Miscellaneous electrical materials for electrical maintenance work at University BBAU campus	24,798.00	Completed	Electrical
7	Repairing of the pump	24,800.00	Completed	Electrical
8	Purchase of new battery for DG installed In DBT	9,000.00	Completed	Electrical
9	Purchase of battery through GeM	24,978.00	Completed	Electrical
10	Repairing of Air conditioner of computer centre at BBAU Campus Lucknow	24,950.00	Completed	Electrical
11	Supply of Electrical goods	8,56,810.00	Completed	Electrical
12	Hiring of Mixer & Switcher, Mic, for Convocation	24,780.00	Completed	Electrical
13	Hiring of LED lights & related instruments for cultural program	24,280.00	Completed	Electrical

14	Cleaning of the Ceiling fans, exhaust fans wall fans, switch board & lights	23,520.00	Completed	Electrical
15	AMC of Lifts at Ambedkar Bhawan	1,40,809.00	Completed	Electrical
16	AMC of Lifts at Ambedkar Bhawan	17,360.00	Completed	Electrical
17	Repairing of Air Conditioner of UIET BBAU Campus, Lucknow	58,825.00	Completed	Electrical
18	AMC	2,20,585.66	Completed	Electrical
19	Finding Electrical cable fault and making permanent joint near health centre LT panel to sub-station no. 02 BBAU Lucknow	9,342.00	Completed	Electrical
20	Supply and fixing of Ultraviolet lamp for Sanghmitra Ext. RO	8,400.00	Completed	Electrical
21	Finding Electrical cable fault and making permanent joint near Chitralekha Girls Hostel to sub-station no. 01 BBAU Lucknow	9,752.00	Completed	Electrical
22	Supply of LED fitting at SES Ambedkar Bhawan, BBAU Campus	1,35,000.00	Completed	Electrical
23	Supply of LED Down light and cabin Fan for Ambedkar Bhawan & SBBT Phase II Bhawan lifts at BBAU Campus	24,915.00	Completed	Electrical
24	Supply of 3 water cooler	3,55,716.00	Completed	Electrical
25	Repairing of Air conditioner of SES conference hall at BBAU Campus Lucknow	24,950.00	Completed	Electrical
26	Repairing of Glow sign Board of Auditorium BBAU campus Lucknow	1,73,814.00	Completed	Electrical
27	Repairing and Servicing of split AC at Guest House in BBAU Lucknow	37,850.00	Completed	Electrical
28	Finding Electrical Cable fault and making permanent Joint Near B Type 20 HP sub. pump BBAU Lucknow	19,503.00	Completed	Electrical
29	Providing of fixing of MCCB at Substation No. 2 for CWR main panel at BBAU Campus	21,000.00	Completed	Electrical
30	Providing of fixing of MS iron gate at Substation No.2 with necessary accessories	9,400.00	Completed	Electrical
31	Supply, installation of fresh air fan and with proper connection at Central Library basement gym, SES Ist floor lab, Chemistry, Deptt. Room no. 035, DLIS office & VC camp office at University Campus	24,379.00	Completed	Electrical
32	B-type Pump cable Fault	9,752.00	Completed	Electrical
33	Purchasing/supply of recess mounting LED panel light fit6tings for Guest House Ambedkar Bhawan Room No. 313,314 and SES Conference Hall at BBAU Campus	1,36,920.00	Completed	Electrical
34	AMC of various pumps. Motor, starters & associate auxiliary installed at BBAU	3,28,999.72	Completed	Electrical
35	Supply and replacement of old outdoor LT panel with new LT panel at BBAU Lucknow Campus	15,24,491.00	Completed	Electrical
36	AMC of Lifts at Ambedkar Bhawan	1,37,989.00	Completed	Electrical
37	AMC of DG Sets	6,30,500.00	Completed	Electrical
Total (B) Rs.		**51,48,111.38**		

Total (A) Rs. 1,30,23,971.72 (For Civil wing)
Total (B) Rs. 51,48,111.38 (For Electrical wing)
Sub-total (A+B) Rs. 1,81,72,083.10

***Note*: Data prepared on the basis of records available in the Engineering Section.**

Miscellaneous works

i. Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.
ii. The water supply of the campus was maintained through own tube wells and similarly, the electric supply of the campus was maintained through 11/0.4 KV sub-station in the campus.
iii. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.
iv. Meeting of the Building Committee was convened and support was given for other statutory body meetings.

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 Consultant 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.

1. Location

University Health Centre is located on the premises of Vidya Vihar near gate no. 3.

2. Staff

i. University Health Centre comprises of:-

- Prof. B.N. Dubey -` Prof I/C Health Centre
- Dr. Rakesh Pradhan - Senior Medical Consultant (Outsourcing)
- Dr. (Major) Vikas Srivastava - Senior Medical Officer
- Dr. Harshita Singh - Medical Officer

ii. Following additional staff has been provided by outsourcing agency :-

- Physiotherapist - 01
- Nurses - 03
- Medical attendants - 02
- Safaiwala - 01
- Multitasking Staff(1/2 Day) - 01

3. 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.- 08:00 A.M. - 2:00 P.M.
Evening O.P.D - 02:00 P.M. - 8:00 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.

(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 (Anaemia assessment)- 29/03/2023
b. Health Camp (Cardio-checkup) - 12/04/2023
c. Community Health Camp - 17/05/2023(Dadupur, Sarojininagar)
d. NAAC Visit - 10/10/2023
e. Health Awareness Camp - 24/11/2023

(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.

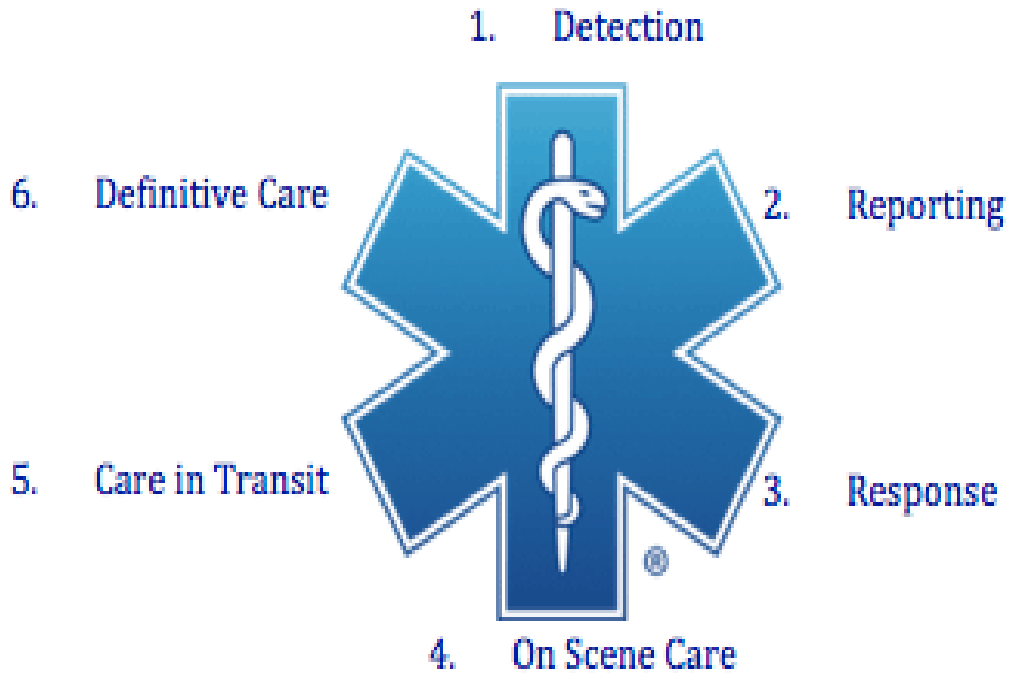
(x) A Physiotherapy room has been established where a qualified physiotherapist provides therapeutic as well rehabilitation service

(xi) **Medical Reimbursement** – Medical Reimbursement is done as per CSMA rules.

(xii) Alternative medicine like Ayuvedic doctors, Yoga wellness centre& Student counselling centre also runs in the premises of Health centre along with the other departments of the University.

4. **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.



Internal Quality Assurance Cell

The IQAC has been an integral part of the University, which 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 enhance 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 of Steering Committee members was continuously monitored, audited the departmental Academic and Administrative functioning for compiling of University AQAR, IIQA, SSR Data and DVV Queries during the year 2022-23 was outstanding.

1. 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.

2. 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.

3. 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.

4. IQAC Composition

The composition of the IQAC is designed to incorporate diverse perspectives and expertise to enhance the institution's quality standards. The present composition of committee is as below:-

5. IQAC Committee:

S. No.	Name	Designation
i.	Prof. Sanjay Singh, Vice-Chancellor	Chairman
ii.	Prof. D.R. Modi	Member
iii.	Prof. Priti Saxena	Member
iv.	Prof. K.L. Mahawar	Member
v.	Prof. B.S. Bhadauria	Member
vi.	Prof. Shilpi Verma	Member
vii.	Prof. Shishir Kumar	Member
viii.	Dr. Mahendra Kr. Padhy	Member
ix.	Registrar	Member
x.	Finance Officer	Member
xi.	Controller of Examination	Member

xii.	Prof. Shailesh N. Zala	External Member
xiii.	Topper Students overall PG	Member from Student
xiv.	Mr. Tarun Chaturvedi	External Member
xv.	Dr. Lokesh Singh	External Member - Employer
xvi.	Er. Sumer Agrawal	External Member
xvii.	Sh. Prashant bhatiya	External Member
xviii.	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 2023-24.

6. Steering Committee:

S. No.	Name	Designation
i.	Prof. Ram Chandra, Director, IQAC	Chairman
ii.	Prof. Shilpi Verma, Dy. Director, IQAC	Member
iii.	Prof. D.R. Modi	Member
iv.	Prof. B.S. Bhadauria	Member
v.	Prof. Shishir Kumar	Member
vi.	Prof. Raj Sharan Shahi	Member
vii.	Dr. Nitesh Kumar Verma	Member
viii.	Dr. Shalini Chandra	Member
ix.	Dr. Prayas Sharma	Member
x.	Dr. Salil Seth	Member
xi.	Dr. Mahendra Kumar Padhy	Member Secretary

7. Supporting Staff of IQAC:

i. Shri A. Thangaraj (Computer Operator)
ii. Mr. Rishu Raj Singh (D.E.O)
iii. Mr. Vijay Pratap Singh (M.T.S)

11. Highlights of IQAC activities in 2023-24:

i. Collection, Compilation and Auditing of SSR data for last five years (2017-2022) as per NAAC norms and compiled by the Steering Committee and the same has been uploaded on NAAC portal.
ii. Successfully submitted reply to all DVV queries raised by NAAC.
iii. During the last five years, 12 IQAC, 65 Steering committee meetings were held along with other important decisions regarding NAAC assessment and accreditation.
iv. 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.
v. Based upon Assessment and NAAC Peer Team visit the University was awarded A++ with 3.72 CGPA in the NAAC 2nd Cycle of NAAC Assessment and Accreditation. The remarkable achievements reflected the unwavering dedication of IQAC Steering team to maintain the highest standards of academic excellence, infrastructure development and overall institutional performance.
vi. Several meetings of Steering Committee held for strengthening the IQAC activities and overall academic development of the University as and when required.

Milestone activities of Steering Committee	
Date	**Meetings**
11.04.2023	Discussed with expert for submission of SSR data.

16.04.2023	Committee finalise the data
01.05.2023	After few correction SSR data uploaded on the NAAC portal.
02.05.2023	Decided to Academic Audit Team shall visit to all University.
07.06.2023	Reduced summer break for preparation NAAC Peer Team visit.
20.07.2023	Finalize the slots of dates for NAAC Peer Team Visit.
23.10.2023	Decide to collect the AQAR data for academic year 2022-23.
27.10.2023	Meeting with Media Cell, PRO.
07.11.2023	Meeting with Chairman NIRF and AISHE/CU Portal.
22.02.2024	Review the AQAR data 2022-23
09.04.2024	Discuss about strengthening Atal Incubation Centre.
16.05.2024	• Finalize the new format of Feedback form. • Constituted committee for prepare the modalities of evaluation of Shramdaan.

vii. 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 amd weakness for improvement. The constituted committee were as below:-

Academic Audit Committee –I	**Academic Audit Committee – II**
a. Prof. Ram Chandra - Chairman	a. Prof. Priti Saxena - Chairperson
b. Prof. Manish Kumar Verma	b. Prof. S. Victor Babu
c. Prof. Preeti Misra	c. Prof. D.R. Modi
d. Prof. B.N. Dubey	d. Prof. Hari Shankar Singh
e. Dr. M.K. Padhy – M.S.	e. Dr. Raj Sharan Shahi – M.S.

viii. IQAC monitored and accelerated the process of Seed Money grants also to support the newly recruited teachers.

ix. Constituted various sub-committees were also for smooth functioning and quality enhancement.

x. Completed the process of recommendation under Career Advancement Scheme (CAS) of Faculty Members of the University.

xi. Committee also recommended for purchase of Equipment for Smart Class tools.

xii. Efforts have been made to collect comprehensive feedback from all stakeholders including Students, Faculty, Alumni, Employers and Parents through structured feedback mechanisms.

xiii. 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.

xiv. The University obtained Category-I status by UGC based on NAAC grade. Category I status is typically granted to those Universities that meet out high standards in terms of academic excellence, research output, and other quality benchmarks set by the accrediting body. This status usually implies greater autonomy in academic, administrative, and financial matters, which can include introducing new courses, starting off-campus centers, or increasing intake in certain courses without seeking prior approval from regulatory bodies.

12. 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.

13. **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)

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.

Presently Prof. Shilpi Verma is working as the Chief Vigilance Officer (C.V.O) of University**.**

1. **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.

i. 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.

ii. Broadly speaking, the functions of the Chief Vigilance Officer can be divided as under:-
   a. Preventive vigilance
   b. Punitive vigilance
   c. Surveillance and detection

2. **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.
3. **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.
4. **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.
5. **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 (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.

6. **Vigilance Awareness Week Programme 2022-23**
   Vigilance Awareness Week – 2023
   (30th Oct. 2023 to 5th Nov. 2023)
   Theme : "Say No To Corruption, Commit To The Nation"

As part of the observance of 'Vigilance Awareness Week'' various awareness activities/programs for employees and other stakeholders of the University is to be organised at the University.

Serial no.	Name of the activities held
1	Poster & Painting Competition – 30.10.2023
2	Inauguration of Vigilance Awareness Week – 30.10.2023
3	Debate Competition – 30.10.2023
4	Run for Vigilance Awareness Week (Run for unity) – 03.11.2023
5	Gram Sabhas under Vigilance Awareness Week – 04.11.2023
6	Rastriya Ekta Pledge

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 ofBabasaheb Bhimrao Ambedkar University was established with the purpose of empowering, provides 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 staff of OBC categories in the university. It ensures to make facilities extended by the Govt. and other agencies for their educational & occupational career.
2. It collect 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 and Minorities in the University to facilitate in placement service.
5. To function as a Grievances Redress Cell for the grievances of OBC students and staff including Minorities students and employees of the University and render them necessary help in solving their academic, research as well as administrative problems.
6. To deal with representations received from Other Backward Classes (OBC) and Minorities 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. 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**
Prof. Shilpi Verma	**Department of Library and Information Science**	**Ph. D (Lis), M LISc, MBA, PG Dip in Marketing and Sales Mgt**	**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 (Establishment Section)**	**MA(Political Science, History)**	**Member/Convenor**

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.

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 instills 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 Col. (Prof.) Sanjay Singh, 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 (CATC-232), Annual Training Camp and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like
Jal Shakti Abhiyan and Jal SanrakshanSamvad, . Kranti Mahotsav , Capacity Building and Personality Development Programme, International Yoga day, Kargil Vijay Diwas, etc. Details of all the activity during

2023 – 2024 are as given below.

1. Jal Shakti Abhiyan and Jal SanrakshanSamvad on 30/04/2023
2 Kranti Mahotsav on 03/05/2023
3. Capacity Building and Personality Development Programmeon 09/06/2023
4. International Yoga day on 21/06/2023
5. Kargil Vijay Diwas on 26/07/2023
6. International Youth day on 13/08/2023
7. Partition Horror day on 14/08/2023
8.Independence day on 15/08/2023
9. Puneent Sagar Abhiyan on 09/09/2023
10. World Tourism day on 27/09/2023
11. Swachhata Divas on 01/10/2023
12. Mahatma Gandhi & Lal Bahadur Shastri Jayanti on 02/10/2023
13. VibhajanVibhishikaSmriti Diwas on 14 August 2023
14. Sardar Vallabh bhai Patel Jayanti on 31/10/2023
15. NCC day on 26/11/2023
16. Subhash Chandra Bose Jayanti on 23/01/2024
17. 75th Republic day on 26/01/2024
18. National Science day on 28/02/2024
19. International Women day on 07/03/2024
20. Shaheed Diwas on 23/03/2024

National Service Scheme

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 for a campus at +2 level. 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 06Programme Officers and Coordinators. Sports Ministry and Unnat Bharat Abhiyan is a flagship programme of Ministry of Human Resource Development (MHRD), a special initiative by the Prime Minister of India to develop villages as Adarsh Gram. Volunteers of NSS Cell BBAU regularly organize various activities in the campus adopted village Aura

About

- 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

(Coordinator NSS)
Dr. Pawan Kumar Chaurasia

(Program Officers)
1.Dr. Taruna
2.Dr. Sushil Kumar Pandey
3.Dr. Pranav Kumar Anand
4.Dr. Arpit Shailesh
5.Dr. Narendra Kumar Singh
6.Dr. Meena Vishweshwar

Progress Report

(1) Blood Donation

On date–12/04/2023, BBAU University's National Service Scheme volunteers gave the message of human welfare by donating blood on the occasion of Babasaheb Bhim Rao's birth anniversary. The volunteers said that we are happy to donate blood that our blood will be used to save someone's life, we have got this inspiration from the National Service Scheme only.

Blood donation program objective - The objective of this program is to help any needy by making the youth participate in as many blood donation camps as possible and save their lives and make people aware of blood donation in the society that no one should be afraid of donating blood and donating blood itself has many benefits in your body.

(2) Sherbet distribution program

Date – 14 April, 2023 On the occasion of Babasaheb's birth anniversary, a program of distribution of sherbet was organized by the NSS unit in BBAU. In which the Vice Chancellor of the University, Chancellor, Registrar, DSW and Coordinator NSS, Program Officer and hundreds of volunteers were present.

(3) Voter Awareness Program

On 28/04/2023, the National Service Scheme units of the University along with the volunteers organized a voting awareness program in the university campus, keeping in view the local body elections in Uttar Pradesh, in which public awareness was created through rally and oath.

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 andchoose a right representative for themselves.

(4) World Environment Day

Date – 05/06/2023, on the auspicious occasion of Environment Day, the National Service Scheme of B.B.A.U. University organized many activities simultaneously to save the environment like – cycle rally, tree plantation, oath, cleanliness, poster lecture etc.

Objective of the program – The objective of this program is to make people aware about the environment so that the message is given that only if the earth remains green, then our life will also remain green. And everyone has to work together to save the world from global warming. We have to inspire people around us only then everyone will be safe.

(5) International Yoga Day

On Date- 21/06/2023, BBAU University's National Service Scheme unit celebrated the 9th International Yoga Day (Har Ghar, Aangan Yoga) in the presence of the Honorable Vice Chancellor and Special Officer and State Liaison Officer, Government of Uttar Pradesh. The rehearsal of Yoga Day was started in the university campus a week ago.

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 brought into human life and its benefits have to be given to the whole world, so that a healthy society can be established again.

(6)World Population Day

Date – 11/07/2023, BBAU University's National Service Scheme unit organized a lecture on World Population Day (through video conferencing). In which the teachers of the university participated and shared their views and experiences on population control.

Objective of the program - The objective of this program is to explain the advantages and disadvantages of population to the whole world and to control the population. Prof. Govind Ji Pandey, Department of Journalism said - Population is a serious issue for our country, our decreasing resources, unemployment and lack of systems, to keep all this under control, there is a strong need for a population control law. Dr. Raj Sharan Shahi, giving the example of China, said - If there is an excess of something and it goes out of control, then it should be curbed immediately. China immediately made strict rules in view of the increasing population here and when the situation came under control, then it relaxed it. The students also debated and expressed their views on the issue of population.

(7) Oath/Debate Program

Date – 11/07/2023, BBAU University's National Service Scheme unit organized an oath on the occasion of World Population Day in which volunteers of NSS units of the university and teachers along with NSS officers also participated in the program. The photo of the said program is mentioned on the report.

Objective of the program - The objective of this program is to explain the advantages and disadvantages of population to the whole world and to control the population and in future also, whatever law is made on population control in our country as per the need, we will follow and respect it and the students also debated and put forth their opinion on the issue of population.

(8)Mera Maati, Mera Desh
Kargil (Vijay Diwas)

Date – 26/07/2023, BBAU University's National Service Scheme Unit jointly organized Mera Maati Mera Desh, Kargil (Vijay Diwas) NSS Unit and NCC under the chairmanship of Honorable Vice Chancellor.

Chief Guest BBAU Chancellor Dr. Prakash C. Bartunia Special Guest (Former) Major General Ajay Kumar Chaturvedi attended this program.

Objective of the program - To celebrate Meri Maati, Mera Desh Kargil (Vijay Diwas) at the university level so that our youth never forget the martyrdom of the brave soldiers and the spirit of patriotism remains in them. There was a dialogue about the Kargil Day program. Major General A.K. Chaturvedi said that service to the country can be done at every level. Serve the country in the field you are connected to. We pay tribute to the 527 martyred soldiers and 1363 injured soldiers in the Kargil war. He said that before the Kargil war, 3 km in Kargil was in the direct firing range of Pakistan. One had to drive at a speed of 90 on that road. No one walked on the road during the day. The country spends less on the army. He said that the maximum expenditure in the country should be on education. All the soldiers who have received the highest awards among the soldiers have been below 25 years of age. Gave the message of unity in diversity. Discussed about Usman sahab and remembered his contribution. Many people of the country have achieved fame at the world level and are doing so. Country service can be done at every level. Serve the country in the field you are connected to. Discussed about Vikram Batra and Divyanka Tripathi. NCC believes in Sarvadharma Sambhav. He talked about staying connected with NCC and NSS. Former Chancellor of the University Prakash C. Bartunia shared many parts related to the Kargil war. He discussed the contribution of Major Manoj Kumar Pandey and Yogendra Singh Yadav. He said that being the President of Madhya Pradesh SCERT, I am planning to include Param Vir Chakra winners in the book. He has included the name of the country's first Param Vir Chakra winner Sobhnath Sharma in the syllabus. Vice Chancellor Sanjay Singh said that our army soldiers follow all the steps of Ashtanga Yoga Niyam. He mentioned the freedom fighters and said that our soldiers fought for the country without training. The soldiers are full of struggle. After the program, plantation was done by NCC and NSS. 100 saplings were planted in the Botanical Garden campus.

(9)Mera Maati, Mera Desh
Program- Panchpran, Oath, Speech Competition

Date – 07/08/2023 BBAU. The Mera Maati Mera Desh program was organized under the joint aegis of the National Service Scheme Unit of the University, Ek Bharat Shreshtha Bharat and Azadi Ka Amrit Mahotsav Samiti under the chairmanship of the Honorable Vice Chancellor. In this program, a speech competition was held on the Panchpran oath given by the Prime Minister, the proud heroes of independence, anonymous revolutionaries and tree plantation was also done.

Objective of the program – The objective of the program organized under the Meri Maati, Mera Desh program is that we should always remember the freedom fighters and always protect our motherland. And to keep it beautiful, plant as many trees as possible.

(10) Mera Maati, Mera Desh (Tiranga Rally)

On 13/08/2023, volunteers of National Service Scheme unit of B.B.A.U. University participated in the Tiranga Rally. This Tricolor Rally was 01 km. Which started from Ramabai Rally Sthal and concluded at the Parade Ground of the University. During this program, the Tiranga was distributed on the ground by the Registrar. The photo of the program is mentioned on the report.

Objective of the program - The objective of Meri Maati, Mera Desh (Tiranga Rally) is to maintain the feeling of patriotism towards their country among the students and to be dedicated to the country.

(11) Movie Shooting Program

Date – 04 September, 2023, BBAU University's National Service Scheme Unit conducted a movie shooting of NSS activities in the university campus under the leadership of Special Executive Officer and State Liaison Officer NSS, Lucknow. In this program, teachers also participated in the program along with NSS officers.

Objective of the program - The objective of this program is to preserve the NSS activities and the National Service Scheme (NSS) has increased fellowship in the fields of social service and art by organizing movie shooting programs among Indian volunteers. Through this effort, an attempt is being made to convey the message to the society through youth activism, literary interest, and visual arts. Movie shooting program among volunteers by National Service Scheme (NSS) can be a social cultural initiative, which can be a

medium to encourage collective service and creativity. With this type of program, an attempt can be made to bring positive change in the society, which encourages art by producing literature, dance, and film. This may include participation and planning features that actively engage volunteers in enrichment and social support.

(12)Cleanliness is Service

Cleanliness, oath, poster rally, street play

Date – 29 September to 02 October, 2023, under the Cleanliness is Service program by the National Service Scheme unit of B.B.A.U. University, volunteers of NSS units in the university campus and Rajvansh Society, and Aurangabad village did cleanliness related activities in which cleaning, oath, poster rally etc. programs were held. In this program, teachers also participated in the program along with NSS officers.

Objective of the program – The objective of this program was to make the whole country aware of cleanliness so that Gandhiji's dream India looks clean. The Prime Minister of the country, Shri Narendra Modi ji had pledged on 02 October 2014 to make the country clean, in the same sequence, it is the duty of all of us countrymen that we make cleanliness around us and we all also make people aware about cleanliness. With cleanliness, our country will be saved from diseases, will be healthy and the money spent on diseases will be used in the progress of the country.

(13) Mera Maati, Mera Desh, (Amrit Kalash Yatra)

Date- 13/10/2023, the National Service Scheme unit of B.B.A.U. University organized Amrit Kalash Yatra under the Meri Maati Mera Desh program under the chairmanship of the Honorable Vice Chancellor. In this program, a rally was taken out by taking the oath of Panchpran given by the Prime Minister. In honor of the heroes, soil and rice were taken in the hands and the proud heroes of independence were remembered by putting them in the Kalash.

Objective of the program – Amrit Kalash Yatra The objective of the Meri Maati, Mera Desh program is that we should never forget the heroes who sacrificed their lives for their motherland. It is the effort of the Government of India that Amrit Kalash should reach Delhi from every village, every region, every school in honor of the heroes. Where a grand memorial should be built and these Kalash should be installed forever so that every countryman feels proud of it and this message goes to foreign countries that every person of India has taken a pledge to protect his motherland.

(14) Mission Shakti 4.0 Program)

Date– 14/10/2023 Mission Shakti 4.0 program was organized by the National Service Scheme Unit of BBAU, Lucknow. Under this program, poster rally, slogan and self-defense qualities were taught to the girl students in the university campus.

Objective of the program – The objective of this program is to advance the safety and self-reliance of women. On the call of the Government of India and the State Government, on the instructions to organize Mission Shakti 4.0 program in schools, universities and areas across the state, Mission Shakti 4.0 program was organized by the officials of the National Service Scheme Unit of Babasaheb Bhimrao Ambedkar University, Lucknow. In this program, the message was given by the students through poster rally and slogan that the safety of women and respect for women is paramount. The girl students were also told the qualities of self-defense by the experts. Addressing the program, the Vice Chancellor of the University said that women are worshipped in India and we worship them in many forms, therefore the Mission Shakti program by the government is commendable and respectable. Coordinator Dr. Pawan Kumar Chaurasia said that to realize the dream of making India a self-reliant and developed nation, awareness about women power is necessary in the society. On this occasion, program officer Dr. Taruna, Dr. Arpit Shailesh, along with hundreds of volunteers were present.

(15) Constitution Day

On 26/11/2023, BBAU University's National Service Scheme volunteers took an oath on the occasion of Constitution Day, pledging allegiance to the Constitution and also participated in a debate.

The objective of the program was to maintain true loyalty and faith towards our Constitution and to show that everyone's role is important in creating a secular democracy enshrined in the Constitution.

(16) World AIDS Day

Date – 01/12/2023, on the occasion of World AIDS Day, the National Service Scheme volunteers of B.B.A.U. University took an oath to eradicate AIDS from the country in the presence of program officials and made people aware through posters.

Objective of the program– The objective of this program is to save people from the country and the world from a fatal disease like AIDS and to make them aware so that they know what causes AIDS. For example, contaminated injection, untested blood, unsafe sex are the main reasons. AIDS does not spread by shaking hands or living with the patient, this is the reason why it is necessary to make people aware from time to time so that people get the right information.

(17) National Youth Day
Speech, Essay, Poster Competition

Date- 12/01/2024, National Youth Day was celebrated by the National Service Scheme unit of B.B.A.U. University, which is held on the occasion of Swami Vivekananda's birth anniversary. In this program, speech, essay and poster making competitions were organized by the National Service Scheme. In which volunteers of the 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 hisstatements in Chicago. We all would like the young generation of the country to follow the thoughts of Swami Vivekananda and adorn the name of India on the world stage.

(18) Voting Day Awareness Program

On 23/01/2024, 200 volunteers participated in the Voter's Day Awareness Rally organized by the units of University, National Service Scheme from Rumi Gate to Chowk Stadium and made people aware through posters and slogans. The theme of the rally of Voter's Day Awareness Program 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 by leaving all their work, they can become a part of this great work of democracy and choose a right representative for themselves.

(19) Ramabai Ambedkar Jayanti
Lecture/Flower Offering Program

Date- 07/02/2024, BBAU, Ramabai Ambedkar Jayanti was celebrated by the National Service Scheme unit under the guidance of the Chairman, SOC of the University. In which the volunteers of the NSS units of the university and the teachers along with the NSS officers also participated in the program.

Objective of the program- The objective of this program was to remember the struggle-filled life of Ramabai Ambedkar ji, how she struggled in her life, how she introduced women empowerment and what has been her contribution in making Babasaheb great, so that the society can know and understand her sacrifice and sacrifice.

(20) Youth Dialogue Program
Lecture/Debate

Date- 13/02/2024, Yuva Samvad program was organized by the National Service Scheme unit of Babasaheb Bhimrao Ambedkar University. In which the Honorable Prime Minister gave five vows to make India a world leader by 2047 on the occasion of Independence Day on 15th August, 2022. Five vows

given by the Honorable Prime Minister 1. Developed India 2. Freedom from slavery 3. Pride on heritage 4. Unity and solidarity 5. Duty of citizens. Chief guest ex-serviceman Colonel Laxmikant Tiwari, President of Vaidehi Sanstha Dr. Ruby Raj Sinha and social worker, Dr. Abdul Quddus Hashmi Maulana Azad Memorial Academy participated in this program. In which volunteers of NSS units of the university and teachers along with NSS officers also participated in the program.

Objective of the program- The objective of this program is to make India a developed nation by 2047 as desired by the Hon'ble Prime Minister, which can be achieved only through the thinking and dialogue of the youth. Therefore, it has been decided to organize the Yuva Samvad program at the university level in all educational institutions. We are at the first place in the world's youth population, this strength will make us a world leader.

(21) "My first vote for the country" awareness program

Date – From 01 March to 06 March, 2024, the units of the University, National Service Scheme organized activities in the university campus on topics like "My first vote for the country", festival of elections is the festival of the country, festival of elections etc. Keeping in mind the Lok Sabha elections, oath, lecture awareness rally, selfie and poster making competition have been organized and the report has been compiled with the photo report of the program.

Program Objective – The objective of this program is to motivate people to vote as much as possible and to motivate new voters to get their names added to the voter list so that the percentage of votes increases and become a part of this great work of democracy and can choose a right representative for themselves.

Remedial Coaching Programme (RCP)

University Coaching Centre (RCP), Babasaheb Bhimrao Ambedkar University, Lucknow is a sponsored Centre by the UGC and the Centre has completed 22 years of the journey since February 4th 2002 after its inauguration by Hon'ble Ex. Vice-Chancellor Prof. G. Nancharaiah. Since its inception, RCP is providing coaching for the SC/ST and OBC (Non-creamy layer) students, except few gaps.

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 counseling for capacity building to those who are in need of such counseling.
5. **Future Plans**
   - Efforts will be made for grants from UGC.
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. D.R. Modi	Member
iii.	Prof. R.A.Khan	Member
iv.	Prof. Kaman Singh	Member
v.	Prof. Ram Chandra	Member
vi.	Dr. M.L. Meena	Member
vii.	Ms. Manjri Raj Oraon	Member
viii.	Dr.Venkatesh Kumar R.	Member
ix.	Prof. K. L. Mahawar	Member Secretary

7. Administration Staff of RCP

S. No.	Name	Designation	Qualification	Specialization
1.	Prof. K. L. Mahawar	Coordinator	MLISc, CIC, Ph.D (Library and Information Science)	Academic Library and Information System, User Services/Needs, Information Sources, Systems and programmes
2.	Dr.Venkatesh Kumar R.	Deputy Coordinator	M.Sc. Ph.D.	Sericulture & Natural Product Research
3.	Abhishek Kumar	D.E.O. cum MTS (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.

Details of No- Dues issued by RCP (2023-24)

Sl. No.	Name of the Department	No. of No- Dues issued
1	All University departments	1616 No- Dues Certificates has been issued by the Centre so far.

Office of Proctor

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.

1. **Committees and Sub-CommitteesConstitute by Board:**

Proctorial Board has three active sub committees. The detail of committee are as below:

PROCTORIAL BOARD

S. No.	Name of Member (s)	Designation	Contact No./Email Id
1	Prof. Sanjay Kumar	Proctor	9453019255,sanjay123bhu@gmail.com
2	Prof. Shilpi Verma	Dy. Proctor	9450110690, shipoo.lko@gmail.com
3	Prof. O. P. B. Shukla	Dy. Proctor	9450209517, opbshukla4@gmail.com
4	Prof. Neetu Singh	Asstt. Proctor	9336458933,neetubbau@gmail.com
5	Dr. Rajshree	Asstt. Proctor	8562988463,rajshree.bbau2009@gmail.com
6	Dr. Taruna	Asstt. Proctor	9415765841,drtaruna@gmail.com
7	Dr. Pradeep Kumar	Asstt. Proctor	9415992968,pradeepbbau@gmail.com
8	Dr. Khem Bahadur Thapa	Asstt. Proctor	9450871807, khem.bhu@gmail.com
9	Dr. Shalini Chandra	Asstt. Proctor	7505725243, nupur_madhur@yahoo.com
10	Dr. Baljeet Kumar Srivastava	Asstt. Proctor	9451087259, drbaljitsrivastava@gmail.com
11	Dr. Kunwar Surendra Bahadur	Asstt. Proctor	8005228697, ksbahadurvns@gmail.com
12	Dr. Ravi Shankar Verma	Asstt. Proctor	9453966994,ravihort.009@gmail.com
13	Dr. Ajay Singh Kushwaha	Asstt. Proctor	7805016632,mahakal.ajay@gmail.com
14	Dr. Arpit Shailesh	Asstt. Proctor	9453029113, arpit.shailesh1992@gmail.com
15	Dr. Sudarshan Chakradhari	Asstt. Proctor	9935427700,schakradhari1987@gmail.com
16	Dr. Bhim Sonkar	Asstt. Proctor	9451265577,bheemsonker@gmail.com
17	Dr. Bipin Jha	Asstt. Proctor & Convener	8627938398,bipinkumarjhaofficialid@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
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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
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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
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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-Committies:-

(II) Anti-Ragging Cell and Anti-Ragging Squad has seven Sub-Committee for 24X7:-

(III) Three Sub-Committee has constituted for Girls & Boys Hostel:-

2. Profile of the Proctor

Name	**:**	**Prof. Sanjay Kumar**
Designation	:	Senior Professor & Proctor
Qualification	:	Ph.D.
Teaching & Research Experience	:	25 Yrs
Research Interest	:	• Crop Improvement • Crop Production • Crop Protection • Crop Utilization • Post-harvest Management
Ph.D. Students guided	:	11
Contact	:	+91-9453019255

Special Cell For The Welfare Of Scheduled Castes & 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 ST/SC Cell

i. Prof. B.B. Malik
Chairman, Equal opportunity cell
ii. Prof. Rajesh Kumar
Lision Officer
iii. Prof.Sartik Bagh
Anti-Discrimination officer
iv. Research cum Statistical Officer
I/C Sc/St Cell
v. Research Assistant
vi. Data Entry Opretor
vii. Attendent

3. Constitution ofAdviosoryCommitteeforWelfereof Scheduled Castes/Scheduled Tribes
With Effect From 26/10/2020

S. No.	Name	Designation
	Vice Chancellor	Chairman
	Prof. Rajesh Kumar	Member
	Prof. S. K. Pandey	Member
	Prof. V. Elangovan	Member
	Prof. L.C. Mallaiah	Member
	Prof. B. S. Bhadauria	Member
	Prof. Jaya Shrivastava	Member
	Prof. Sartik Bagh	Member
	Dr. Rajesh Kumar	Member
	Dr. Manjari Raj Oraon	Member
	Shri Gokaran Prasad	Member
	Incharge (SC/ST Cell)	Convener/Member -Secretary

4. **CONSTITUTION OF ADVISORY COMMITTEE FOR PWD**
With Effect From 24/03/2021

S. No.	Name	Designation
	Vice Chancellor	Chairman
	Prof. B. B. Malik	Member
	Prof. S. K. Pandey	Member
	Prof. Sudarshan Verma	Member

	Prof. Sanatan Nayak	Member
	Prof. B. S. Bhadauria	Member
	Prof. Priti Mishra	Member
	Dr. Loknath	Member
	Dr. Brajesh Kumar Singh	Member
	Dr. Vivek Nath Tripathi	Member
	Dr. Yusuf Akhter	Member
	Shri Salahuddin Khan	Member
	RSO	Convener/Member -Secretary

***5*. CONSTITUTION OF ADVISORY COMMITTEE FOR OBC**
With Effect From 24/03/2021

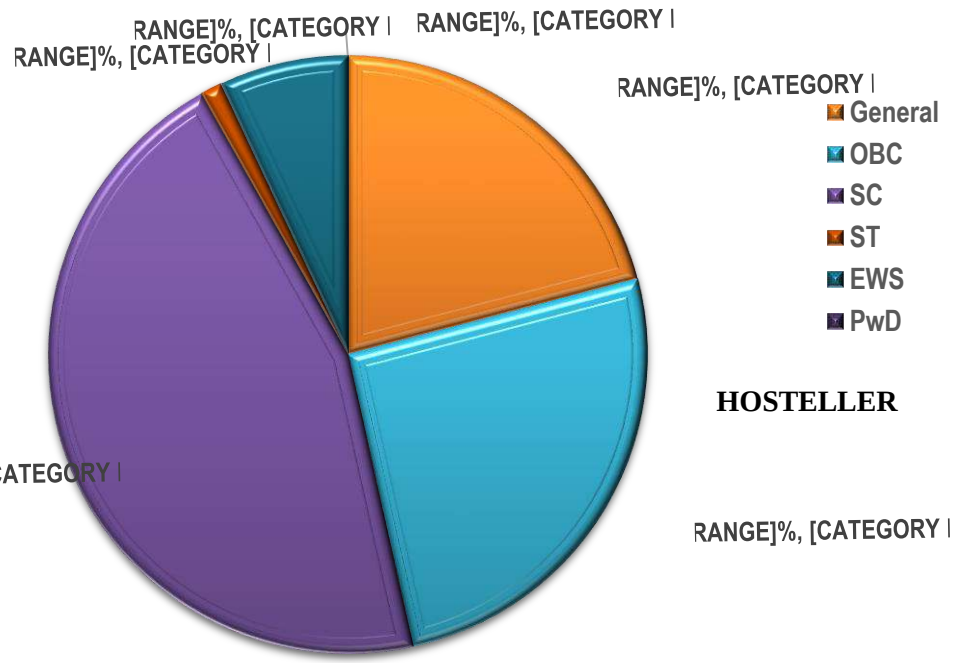
S. No.	Name	Designation
	Vice Chancellor	Chairman
	Prof. Sanatan Nayak	Member
	Prof. S. K. Pandey	Member
	Prof. Rajesh Kumar	Member
	Prof. B. S. Bhadauria	Member
	Prof. Bal Chandra Yadav	Member
	Prof. M. Ravi Kumar Vejendala	Member
	Dr. B.S. Gupta	Member
	Dr. Sufiya Ahmed	Member
	Dr. Preety Choudhari	Member
	Shri B. K. Kashyap	Member
	RSO	Convener/Member -Secretary

6. STATISTICAL DATA:-

i. TOTAL ENROLLMENT DURING 2023-24

	Diploma	UG	PG	5 Years Integrated	M.Tech	Ph.D.	Grand Total
General	18	805	836	63	25	230	1977
OBC	22	394	414	26	8	52	916
SC	39	855	880	72	6	228	2080
ST	1	113	206	6	2	30	358
EWS	6	207	333	16	2	28	592
PwD	0	3	19	0	0	0	22
Foreign	0	0	9	0	0	4	13
Total	**86**	**2377**	**2697**	**183**	**43**	**572**	**5958**

ii. Category wise Students Admission (in percent).



iii. DETAIL OF HOSTELLER STUDENTS (2023-24)

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	254	505	139	170	111	22	30	28	0	5	**505**
Girls Hostel	385	791	236	290	115	76	65	9	0	0	**791**
Grand Total	**639**	**1296**	**375**	**460**	**226**	**98**	**95**	**37**	**0**	**5**	**1296**

7. STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT ONLINE APPLICATIONS FORWARDED DURING 2023-24 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

	General	SC	ST	OBC	Minority	Total
Total applications Forwarded by the University to DIOS	448	837	21	290	74	**1670**

8. STATUS OF VARIOUS FACILITIES BEING PROVIDED TO THE SC/ST AND PWD STUDENTS OF THE UNIVERSITY

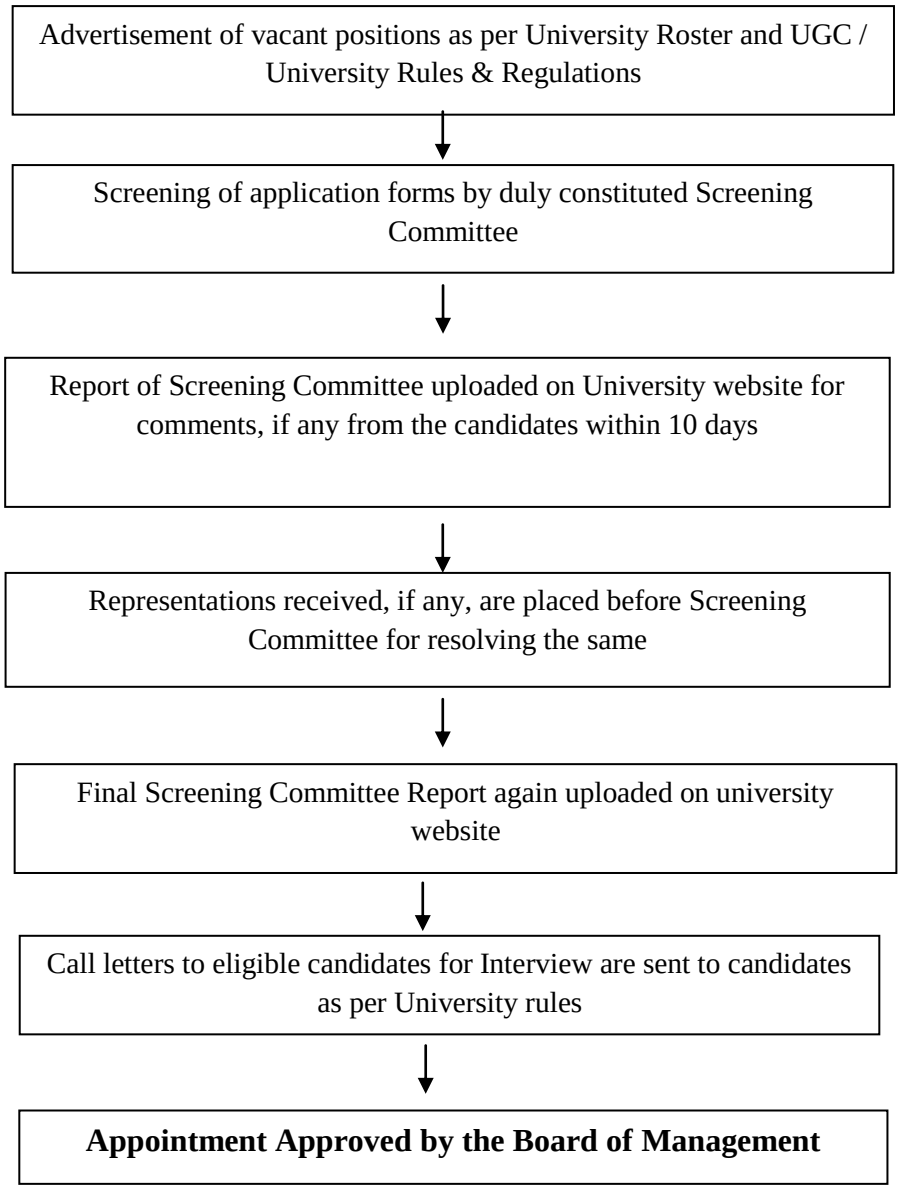
i. University is providing 50% reservation as provided in Academic Ordinance of this University gazetted in official Gazette of India.

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 Cell

- During the year 2023-24, the Recruitment Cell of the University was renamed as Recruitment and Assessment Cell in September 2023 and it is handling the activities related to assessment for promotion of teachers under Career Advancement Scheme (CAS) of UGC.
- Total 20 nos. vacant teaching positions were filled.
- Process for promotion to the post of Senior Professor under Career Advancement Scheme of UGC started during 2023-24 and 05 Professors are promoted. Promotion of other Professors are under progress.
- More than 30 cases of promotions for various Academic Levels under Career Advancement Scheme of UGC were completed and the process is ongoing.
- The procedure followed for appointment on vacant teaching and non-teaching positions is fully transparent and is as below:



Media Centre

With the vision of advancing educational practices through the effective use of electronic media, Babasaheb Bhimrao Ambedkar University, Lucknow, is proud to house Uttar Pradesh's first and only Educational Multimedia Research Centre. Established to promote the production of high-quality audio-visual educational programmes, this Media Centre also serves as a hub for conducting relevant research, training essential manpower, and fostering a media-oriented culture within the university system.

The Media Centre is a vital part of the university's mission to enhance learning experiences by leveraging electronic media, ensuring its maximum utilization for educational purposes. Through this initiative, the university aims to lead in media-driven education and create a lasting impact in the academic landscape.

1. **Facilities-**

The Media Centre at Babasaheb Bhimrao Ambedkar University, Lucknow, is equipped with state-of-the-art facilities designed to support the creation of high-quality educational content. It features a fully functional studio with a Chroma set-up, enabling the production of dynamic and visually enriched video lectures and audio programs. This versatile space allows faculty and content creators to record engaging educational material for online platforms.

In addition to the studio, the Centre is equipped with high-end camera, complemented by a teleprompter, to ensure the recording of broadcast-quality, high-definition videos. This professional-grade equipment guarantees that the final output meets industry standards, making it suitable for educational broadcasts and digital dissemination.

Moreover, the Media Centre offers advanced computer systems dedicated to graphics creation and video editing. These systems are equipped with cutting-edge software that allows for seamless editing, post-production enhancements, and the incorporation of high-quality visuals, ensuring polished and impactful educational content. This combination of technology and expertise provides a comprehensive environment for producing top-tier audio-visual educational resources.

2. Staff of the Media Centre

Director (I/c) – Dr. Gopal Singh, Professor,
Department of Mass Communication and Journalism

Associate Director – Dr. Mahendra Kumar Padhy, Associate Professor,
Department of Mass Communication and Journalism

The Media Centre is supported by a dedicated team of highly skilled professionals, each possessing expertise in various aspects of audio-video production. Their technical proficiency ensures the seamless execution of high-quality content creation, from pre-production to post-production, enhancing the overall efficiency and output of the Centre's media initiatives. The Six regular Employees of the Media Centre are-

i. Durgesh Maurya - Cameraperson
ii. Anurag Kumar - Cameraperson
iii. Abhilash Das - Cameraperson
iv. Mayank Thapliyal - Production Assistant
v. Anoop Kumar - Production Assistant
vi. Arun Kumar - Unit Peon

3. Key Contributions and Achievements of the Media Centre

i. Development of Educational Content for PM E-Vidya Project

The Media Centre has successfully produced 75 high-quality video programmes for the State Council of Educational Research and Training (SCERT), Uttar Pradesh, as part of the PM E-Vidya initiative. These educational resources are tailored to meet diverse learning needs and support the national agenda of promoting digital education across the country.

ii. **Comprehensive Event Coverage for University Activities**

The Centre provides full-scale media coverage for various university events, functions, and programmes. This includes capturing key moments and producing broadcast-quality recordings, ensuring that important university milestones are documented and effectively shared with a broader audience.

iii. **Social Media Management and Digital Outreach**

Managing the university's social media platforms, including Facebook and others, the Media Centre

plays a pivotal role in enhancing the university's digital presence. By creating and sharing engaging content, the Centre ensures effective communication with students, faculty, and the public, expanding the university's reach in the digital space.

iv. **Technical Training for Mass Communication and Journalism Students**

The Media Centre conducts specialized technical training sessions for students of the Department of Mass Communication and Journalism. These hands-on classes expose students to the intricacies of audio-video production, providing them with practical skills and real-world knowledge in media production, preparing them for successful careers in the industry.

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
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. 06 Table Tennis, Carrom and Chess Boards
vii. 01 Aerobics hall

4. Latest syllabus revision date(course wise): **Presented New Curriculum for BPEdprogramme**

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, 02 Journals and 01 Patent**.

6. Events conducted for the Academic Year 2023-24

i. Celebrated National Sports Day "FIT India Movement" started from 26th August 2023.
ii. Physical and Sports Skill Test organised for UG and PG admissions under Sports Quota, held on 18th September, 2023.
iii. NAAC Team visited to Birsa Munda Students` Activity Center on 09th Oct,2023.
iv. Celebrated 148th Birth Anniversary of Sardar Vallabhbhai Patel Ji, 'National Unity Day 2023'and organized 'UNITY RUN/WALK'on 31st Oct, 2023.
v. Organised Inter-School Sports Events 2023-24 from 1st Nov to 10th Nov, 2023.
vi. BBAU Volleyball Team participated in North Zone Inter-University Volleyball (AIU) Tournament 2023-24, held at Kurukshetra University, Kurukshetra (HR), from 11th Dec to 16th Dec 2023.

vii. Conducted Open Selection Trial for North-Zone Inter-University Tournament/AIU for selecting Cricket (men), Table Tennis (men), Judo (men), Weight-Lifting (women) teams on 21st Dec, 2023.

viii. BBAU Football Team participated in Central Zone Inter-University Football (AIU) Tournament 2023-24, held at IIMT University, Meerut, U.P.,from 28th Dec to 31st Dec 2023.

ix. BBAU participated in North-East Zone Inter-University Judo (AIU) Tournament 2023-24., held at CSJM University, Kanpur, from 04th Jan to 06th Jan 2024.

x. BBAU Cricket Team participated in Central Zone Inter- University Cricket (AIU) Tournament 2023-24, held at CSJM University, Kanpur, from 19th Feb to 29th Feb 2024.

xi. Conducted Inter-School Sports Events 2023-24 from 1st Nov to 05th March ,2024.

xii. Organised UDGAM- Inter-College Sports Meet 2024 from 07th to 11th March,2024

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:

- Scanning Electron Microscope (SEM), Model: JSM 6490 LV, Make: JEOL, Japan
- X-Ray Diffractometer (XRD), Model:D8 Advance Eco, Make: Bruker, Germany
- Inverted Laser Scanning Confocal Microscope (ILSCM), Model: LSM900, Make: Zeiss,Germany
- Preparative HPLC, Model: LC-20AP, Make: SHIMADZU, Japan
- Fast Performance Liquid Chromatograph (FPLC),Model: AKTA 10, Make: GE-Healthcare Bio-Science, Hong Kong
- Fourier Transform Infra-Red Spectrometer (FTIR), Model: Nicolet 6700, Make: Thermo-Scientific, USA

1. Apart from the above equipment the following minor equipment are available in USIC:

i. High Speed Centrifuge Machine (CM12-Plus Remi)
ii. Vortex Mixer (CM101-Plus Remi)
iii. Double Distillation Unit
iv. Hot Air Oven, Deep Freezer (-40°C)
v. Deep Freezer (-40^{0}C)
vi. Electrophoresis, UV Lamp
vii. Ultrasonic cleaner
viii. Microwave oven
ix. Magnetic Stirrer with Hot Plat
x. Photoresist Spinner
xi. Research Microscope
xii. Refrigerator

2. 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.

3. X-Ray Diffractometer (XRD):

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.

4. Inverted Laser Scanning Confocal Microscope (ILSCM):

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 threedimensionalreconstructions of topologically complex objects.The ILSCM (ZEISS, LSM 900) equipped with multichannel fluorescence imaging Z-stack, colocalzation, 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.

5. Preparative HPLC:

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.

6. 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.

7. 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.

8. 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 2023 to March 2024		
		Internal Users (INR)	External Users (INR)	Total (INR)
01	Scanning Electron Microscope	1,71,950/-	1,33,100/-	3,05,050/-
02	Fourier Transform Infra-Red Spectrometer	44,200/-	32,000/-	76,200/-
03	X-Ray Diffractometer	63,900/-	28,700/-	92,600/-
04	Prep HPLC	13,300/-	13,200/-	26,500/-
05	ILSCM	12,900/-	90,200/-	1,03,100/-
06	Photoresist Spinner	600/-	300/-	900/-

9.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.

10.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.

11.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

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

- Career guidance:
    1. To collect and disseminate information regarding scholarships, fellowships, training facilities, admission and various professions etc.
    2. To help the students with availability of various career guidance literature magazine at the bureau.
- Information about Competitive examinations
    1. To provide information on competitive examinations conducted by various Public Service Commission and other Governmental agencies
- Information about Scholarships and higher education in foreign countries
    1. To give information on various courses of higher studies in India and abroad
- Employment Guidance & Assistance
    1. 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.
- Employment and Business information
    1. To help the University Placement cell in organizing campus interviews
- Self-Employment
    1. To impart vocational guidance to the students

2. To get enterprising unemployed youths acquainted with the facilities and incentives under self-employment scheme for the Registered unemployed.

- Personal Guidance
    1. Making the students understand their own personality traits. And making them aware of their interest, aspirations, aptitude, strengths and weaknesses.
    2. Solution of specific personal problems of students.

Apart from above, students also receive constant academic counseling from the teachers at the departmental level.

4. Activities organized by I&GB
Activities in 2023-2024

Topic:"Improving Employability Skills: Need of the hour"
Date &Time:6th-May-2023, 11:00 AM to 12:00 Noon
Venue: Online through Google meet link: https://meet.google.com/gww-oemy-qdn

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:
1) 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.
2) 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.
3) 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.
4) 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.
5) 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.
6) 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.

Topic:"Strategies to crack competitive level examinations after Graduations & Post Graduations"
Date &Time: 10th July 2023, 3:30 PM
Venue: Online through **Google meet link:** https://meet.google.com/bub-gzsk-biw

5. 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:
1) 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.
2) 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.
3) 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.
4) 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.

5) 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.
6) 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.

Topic: "Inspiring Young Minds For UPSC"
Date &Time:03-10-2023, 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:
1) 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.
2) Students from various departments of the BBAU were present in the seminar. Their name, contact details are present in the activity attendance register.
3) 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.
4) He was very interactive with students and faculty members by asking their choices and questions regarding their career progression.
5) The feedback that we received from the students were very interesting though thoughtful. Some students mentioned it as the wonderful and informative seminar.
6) 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.

Dean Students' Welfare

Dean Students' Welfare, section is for the welfare of the students. At present Dean Students' Welfare offers 07 (Seven) (Ashoka Extension merged in Ashoka Hostel) (Sanghmitra Extension merged in Sanghmitra Hostel) hostels to accommodate on campus out-station candidates. The well managed hostels are equipped with a mess, well equipped recreation room, reading room and opportunity for curricular and co-curricular activities with one administrative warden and other wardens as per hostel capacity in each hostel at the help of affairs. The girls' hostels have a matron round the clock. The vibrant hostels, thus, provide a comfortable ambience to the inmates for their scholastic pursuits and excellence. Most importantly Student Council is duly constituted every year as per the statue of the university to involve students in the smooth management of the welfare activities related to students.

Name of the DSW and its Team members are as given below: -

- Prof. B.S. Bhadauria, DSW
- Dr. Rajshree, Dy.DSW (Women)
- Dr. Jagmohan Tanti, Dy.DSW (Male)
- Prof. M.L. Meena, ADSW (Allotment)
- Dr. Jay Shankar Singh, ADSW (Maintenance)
- Prof. Deepa Raj, ADSW (Allotment)
- Dr. Taruna, ADSW (Maintenance)
- Dr. Neetu Singh, ADSW (Cultural)
- One Data Entry Operator (DEO)
- One Multi Tasking Staff (MTS)

Gardening & 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. **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
2. **Prof. In-charge:- Prof. Deepa H. Dwivedi,**
   Horticulture Inspector:-Dr. Samir Kumar Dixit
3. **Staff (contract/inspired):**
   i. D.E.O Cum MTS :- 01
   ii. Driver:- 01
   iii. Head Mali/Field Supervisor:- 01
   iv. Workman:- 20
4. **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
XII	Hedge Sheer	02
XIV	Ride On Lawn Mower	01
XV	Dig Auger	01

5. **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.

6. **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.
   iv.

7. **Activities for the Academic year 2023-24**
   i. Section organized **"VraksharopanPakhawara"** 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 promoteSustainable Developmentand 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.

8. **Development work:-**

i. Section Developed "**Vermicompost Unit"** for fullfil of basic requirement of Nursery.
ii. Development and maintenance of Various Places in the University Campus.
iii. Beautification of University campus by planting flower plant in campus.
iv. E- waste Management for making Beautiful Pots **"Kabadh se Jugadh Theme"**

9. **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.
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.

10. **Future Plan:-**

i. To develop of Big Pit/Dump yard in University Campus for using of office waste.
ii. To established **"Ayush Van"** in the University campus collaboration with U.P. Forest Department.
iii. 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.
iv. Collaboration with various Ayurvedic, Herbal garden farms from available flora in the University campus for the increasing the earning of the University.
v. To develop a Green belt in the University campus for a pleasant and healthy environment conducive for academics.
vi. To develop water ponds in the University Campus for the recharging of ground water.
vii. To increase the space for plant sales center so that more and more plants can be kept there for adjustment to sale.
viii. To develop Vertical Garden in the University Campus.

Dr. Ambedkar Centre of Excellence

Dr. Ambedkar Foundation (DAF) under the "Free Coaching Scheme for SC & OBC Students".

DR. AMBEDKAR CENTRE OF EXCELLENCE (DACE) was inaugurated by **Shri AsimArun 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**

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.

2. Office Staff

i. Mr.Abhishek Kr. Srivastava :- Assistant
ii. Mr.Harsh Shukla :- MTS

3. Contractual Teachers in DACE, BBAU

i. Dr. Anshu Singh :- Social Science
ii. Dr. Imran Ali :- Social Science
iii. Mr. Saurabh Chakraborty :- Social Science
iv. Dr. Amit Diwedi :- Science

4. 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 administrators who can provide good governance in the country.
iii. To nourish good candidates for becoming a civil servants 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

5. 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 make 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.

6. 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.

7. Students Intake

i. The Common entrance test 2023-2024 held on **25-02-2024**

ii. No. of Students Admitted:-100

iii. No. of Applications in Common Entrance Test &Interview:-377

iv. SC Male:-(48), SC Female:-(27)

v. OBC Male:-(16),OBC Female:-(09)

8. Facilities in DACE

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.

9. DACE Infrastructure

i. Students are provided high speed Wi-Fi Facility.

ii. Class room:-02

iii. Conference Hall:-01

10. 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.

11. Achievements

i. Ravi Rawat :- Medical Social Welfare Officers 2023
ii. Alok Kumar :- Gram Panchayat Adhikari,UP 2024
iii. Rahul Anand :-NET-June 2024

Financial Statement

ABSTRACT OF THE FINANCIAL STATEMENT

1st APRIL 2023 TO 31st MARCH 2024

		2023-2024		2022-2023	
S No.	**Particulars**	**Amount**	**Amount**	**Amount**	**Amount**
1	Total Receipts side of Receipts & Payment Account		2,365,850,739.26		1,788,714,619.40
	a) Grants Received During the year	1,377,458,616.00		1,025,404,237.00	
	b) Earmarked Fund	13,389,048.00		1,014,756.00	
	c) Interest received	13,783,594.00		4,685,493.00	
	d) EMF Receipts	0.00		0.00	
	e) Other income	200,711,269.03		330,802,884.00	
	f) Any Other receipts	519,631,856.83		86,226,040.70	
	g) Opening Balance in Cash & at Bank	240,876,355.40		340,581,208.70	
2	Total Payment side of Receipts & Payment Account		2,365,850,739.26		1,788,714,619.40
	a) Expenses of Non Plan Account	1,127,264,896.00		1,023,062,843.00	
	b) Expenses of Plan Account	52,550,863.00		148,565,018.00	
	c) Earmarked Fund	11,776,634.00		18,202,808.00	
	d) Investment	552,822,418.00		188,727,000.00	
	e) Other Payment	451,423,192.92		169,280,595.00	
	f) Closing Balance in Cash & at Bank	170,012,735.34		240,876,355.40	
3	Income Plan / XII Plan		96,445,784.00		5,031,550.00
	a) Grants / Subsides	96,445,784.00		5,031,550.00	
	b) Interest Earned	0.00		0.00	
4	Expenditure Plan		69,842,784.00		5,031,550.00
	a) Establishment Expenses	22,757,443.00		0.00	
	b) Administrative Expenses	45,290,554.00		0.00	

	c)Academic Expenses	556,851.00		5,031,550.00	
	d) Repairs & maintenance	1,237,936.00		0.00	
	e) Transportation Expenses	0.00		0.00	
	f) Finance Costs	0.00		0.00	
	g) Other Expenses	0.00		0.00	
	h) Prior Period expenditure	0.00		0.00	
5	Income - Non Plan		1,202,615,546.36		1,205,190,273.00
	a) Grants / Subsidies	978,104,960.00		950,355,600.00	
	b) Fees / Subscription	200,711,269.03		243,166,084.00	
	c) Interest Earned	7,336,273.00		4,012,529.00	
	d) Other Income	16,463,044.33		7,656,060.00	
	e) Prior Period Income	0.00		0.00	
6	Expenditure - Non Plan		1,126,896,998.54		1,027,184,890.45
	a) Establishment Expenses	862,153,270.00		784,980,208.00	
	b) Administrative Expenses	107,477,141.00		122,503,612.00	
	c)Academic Expenses	38,238,147.00		40,373,393.00	
	d) Repairs & maintenance	18,252,227.00		13,294,196.00	
	e) Transportation Expenses	975,801.00		1,199,840.00	
	f) Finance Costs	22,977.00		0.00	
	g) Other Expenses	21,928,000.00		5,854.00	
	h) Prior Period expenditure	0.00		0.00	
7	Depreciation On Fixed Assets	77,849,435.54		64,827,787.45	
8	Profit / (Loss) Earned During The Year		102,321,547.82		178,005,382.55
	Non Plan Account Profit	75,718,547.82		178,005,382.55	
	Plan Account Profit	26,603,000.00		0.00	
9	Fixed Assets & Capital WIP		2,724,378,679.88		2,806,214,317.42
10	Investment		0.00		0.00
11	Current Assets, Loan & Advance		1,104,347,497.14		649,254,721.23
12	Earmarked Fund		32,866,391.66		33,542,653.87

13	Current Liabilities & Provisions		770,907,639.79		740,323,614.71
14	Capital Fund		3,024,952,145.57		2,681,602,770.07

Annual Report Committee

1.	Prof. Ripu Sudan Singh (Chairman, Publication Committee)	Chairman
2.	Prof. Gopal Singh (Director, Media Centre)	Member
3.	Prof. Surinder Kumar (Department of Statistic)	Member
4.	Prof. Gaurav Kaithwas (Associate Dean (Academic Affairs))	Member
5.	Dr. Surendra Meher (Department of Economics)	Member
6.	Dr. Manoj Kuamr (Department of Computer Science)	Member
7.	PRO	Member
	RSO	Convener

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY

LUCKNOW

प्रज्ञा शील करुणा

ESTABLISHED 1996

ANNUAL REPORT 2023-24

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025