

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
LUCKNOW
प्रज्ञा शील करुणा
ESTABLISHED 1996

ANNUAL REPORT 2022-23



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

ANNUAL REPORT

2022-23

Babasaheb Bhimrao Ambedkar University

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

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भाषा एवं साहित्य विद्यापीठ
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School of Information Science & Technology
- Department of Computer Science
- Department of Library and Information Science
- Department of Information Technology

School of Legal Studies
- Department of Human Rights
- Department of Law
- Centre of Post Graduate Legal Studies

School of Pharmaceutical Sciences
- Department of Pharmaceutical Sciences

School of Management & Commerce
- Department of Management Studies
- Department of Commerce

Ambedkar School of Social Sciences (ASSS)
- Department of Economics
- Department of Sociology
- Department of Political Science
- Department of Public Administration

- Department of History
- Centre for the Study of Social Exclusion and Inclusive Policy

School of Yoga, Naturopathy and Cognitive Studies
- Department of Yoga

School of Agricultural Sciences and Technology
- Department of Horticulture

School of Media and Communication
- Department of Mass Communication & Journalism

School of Sanskrit & Indic Studies
- Department of Sanskrit and Indic Studies

University Institute of Engineering and Technology
- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Mechanical & Automobile Engineering
- Department of Electronics & Communication Engineering
- Department of Computer Engineering

School of Performing Arts
- Department of Music

BBAU Satellite Centre, Amethi
Office of Proctor
Centre for Industry Institution Partnership Program (CIIPP)
Dean Students' Welfare
Committee of Basic Facilities for Women (CBFW) & Gender Champions Committee (GCC)
Alumni Cell
Centre for Personality Development
University Health Centre
Information & Guidance Bureau
Internal Quality Assurance Cell (IQAC)
National Cadet Corps
NSS CELL
University Coaching Centre (RCP)
Recruitment Cell
Sports Section
University Sophisticated Instrumentation Centre (USIC)
Yoga Wellness Centre
Special Cell for the welfare of Scheduled Castes & Scheduled Tribes (SC/ST Cell)
हिन्दी प्रकोष्ठ
University Works Department
Gautam Buddha Central Library
Other Backward Classes Cell
Residential Coaching Academy
Dr. Ambedkar Centre of Excellence (DACE)
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Financial Statement
Annual Report Committee

Visitor

Hon'ble President of India

Smt. Droupadi Murmu

Chancellor

Dr. Prakash C. Bartunia

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. B. B. Malik
Dean Student's Welfare	Prof. B. S. Bhadauria

Deans of the School

(as on 31.03.2023)

School of Information Science & Technology	Prof. Sanjay Kumar Dwivedi
Ambedkar School of Social Sciences	Prof. Manish Kumar Verma
School of Life Sciences	Prof. Kamal Jaiswal
School of Earth & Environmental Sciences	Prof. Naveen Kumar Arora
School of Home Science	Prof. Sunita Mishra
School of Education	Prof. Harishankar Singh
School of Legal Studies	Prof. Preeti Misra
School of Management and Commerce	Prof. Kushendra Mishra
School of Physical and Decision Science	Prof. Bal Chandra Yadav
School of Languages and Literature	Prof. Sarvesh Kumar Singh
School of Media and Communication	Prof. Govind Ji Pandey
School of Agricultural Sciences and Technology	Prof. Sanjay Kumar
School of Pharmaceutical Sciences	Prof. Gaurav Kaithwas
School of Sanskrit & Indic Studies	Prof. Sanjay Kumar
School of Yoga, Naturopathy and Cognitive Studies	Prof. Bal Chandra Yadav
School of Engineering and Technology	Prof. Naveen Kumar Arora

Heads /Directors/Coordinators

(as on 31.03.2023)

History	Prof. Victor Babu
Chemistry	Prof. Gajanan Pandey
Management Studies	Prof. Kushendra Mishra
Biotechnology	Prof. Sangeeta Saxena
Pharmaceutical Sciences	Dr. Gaurav Kaithwas
Human Development & Family Studies	Prof. Sunita Mishra
Mass Communication & Journalism	Prof. Gopal Singh
Law	Dr. Sanjeev Kumar Chadha
Hindi	Dr. Sarvesh Kumar Singh
Food & Nutrition	Prof. Sunita Mishra
Environmental Microbiology	Prof. Ram Chandra
Geology	Dr. Narendra Kumar
Sociology	Prof. Jaya Shrivastava
Statistics	Prof. Surinder Kumar
Yoga	Prof. Harishankar Singh
Department of Education	Prof. Harishankar Singh
Information Technology	Dr. Dhirendra Pandey
Economics	Prof. Lakkineni Chinna Mallaiah
Environmental Science	Prof. Shikha
Horticulture	Prof. Deepa Hansraj Dwivedi
Commerce	Prof. Kushendra Mishra
Political Science	Prof. Sartik Bagh
Mathematics	Dr. Sunil Kumar Singh
Department of Physics	Prof. Bal Chandra Yadav
Zoology	Prof. V. Elangovan
Computer Science	Prof. Shishir Kumar
Public Administration	Dr. Oshdhish Pati Bhushan Shukla
Library & Information Science	Prof. Kanhaya Lal Mahawar
Human Rights	Prof. Shashi Kumar
Sanskrit & Vedic Studies	Prof. Ripu Sudan Singh
University Institute of Engineering and Technology (UIET)	Prof. R. A. Khan
Centre for Industry Institution Partnership Program (CIIPP)	Prof. Rana Pratap Singh
Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP)	Prof. Sartik Bagh

From the Vice Chancellor's Desk



I am delighted to present the **26th Annual Report** of the University for the year 2022-2023. This year has been truly remarkable, marked by unprecedented achievements. We proudly consolidated our position among the top Institutions in the country, securing 55th position in the National Institutional Ranking Framework (NIRF) 2022 under the University category while we were placed at 78th position in overall ranking. We also ranked 87th in the management category.

The 10th Convocation of the University was held successfully in the gracious presence of the Hon ble President of India. The vibrancy of the event and the excitement of the students generated new energy and aspirations.

The inauguration of the Birsa Munda Student Activity Centre was another significant milestone for the University. This Centre has a gym and facility for indoor games.

Throughout the year, the University conducted numerous brainstorming sessions of eminent academicians on essential aspects of social and economic life vital for capacity building and nation-building. These included seminars on opportunities for differently-abled persons, rehabilitation with social justice, rural technology, religious tourism, data analytics and computing, fostering self-reliant India, and on environmental issue "One Earth, One Family, One Future." In addition, to celebrate India's presidency in G-20 Summit various programs were organized *i.e.* G-20 Univer sity Connect Lecture series, Poster, Extempore and Debate, Essay Writings etc.

Another proud achievement was the selection of the University by the Central Government to establish Dr. Ambedkar Centre for Excellence. This centre, sponsored by Dr. Ambedkar Foundation under the aegis of Ministry of Social Justice & Empowerment, Government of India, offers free coaching to students belonging to Scheduled Castes who are preparing for the Civil Services Examination.

It is heartening to see the University progressing steadily towards the vision set by its founders. The tireless support of the staff and faculty has been remarkable and unforgettable. I am optimistic that the University will continue to achieve unparalleled milestones in academic and society in the forthcoming years.

I extend my heartfelt gratitude to the entire University fraternity, Ministry of Education, Ministry of Social Justice and Empowerment, Government of India for their unwavering support and guidance.

Sanjay Singh

Board of Management
(as on 31.03.2023)

1. **Vice Chancellor**
   BBAU, Lucknow
2. **Prof. Kamal Jaiswal**
   Dean, School of Life Sciences
3. **Prof. Sangeeta Saxena**
   Deptt. of Biotechnology
4. **Prof. Dinesh Raj Modi**
   Deptt. of Biotechnology
5. **Dr. Anjani Kumara Tiwari**
   Associate Professor, Deptt. of Chemistry
6. **Dr. Sufiya Ahmed**
   Assistant Professor, Deptt. of Law
7. **To be nominated** (Member, Lok Sabha)
8. **To be nominated** (Member, Lok Sabha)
9. **Shri Mithlesh Kumar (**Member, Rajya Sabha)
   Bunglow No. 06, Mahadev Road, New Delhi - 110001
10. **To be nominated** (From DoE nominated by Visitor)
11. **To be nominated** (From UGC nominated by Visitor)
12. **Prof. (Retd.) Kailash Sodani**
    Former Vice-Chancellor, Govind Guru Tribal University, Banswara, Rajasthan
13. **Prof. Shailesh N. Zala**
    Former Vice-Chancellor, Maharaja Krishnakumarsinhji, Bhavnagar University, Gujarat
14. **Dr. Bandana Jha**
    Associate Professor, (Hindi) & Coordinator, Mass Communication and Journalism Cell, Vasanta College for Women, Rajghat, Varanasi, U.P.
15. **Prof. Geeta Singh**
    Director, Centre for Professional Development in Higher Education, UGC-Human Resource Development Centre, University of Delhi
16. **Secretary BOM**
    Registrar, BBAU, Lucknow

Academic Council

(as on 31.03.2023)

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. Rana Pratap Singh**
   Department of Environmental Science
   Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

11. Prof. Priti Saxena
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

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

16. Prof. B. S. Bhadauria
Department of Mathematics
Babasaheb Bhimrao Ambedkar University, Lucknow.

17. Prof. Ram Chandra
Department of Microbiology
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
Deptt. 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
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 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
Deptt. 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. Sanjeev Kumar Chadha
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

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

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

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

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

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

65. Prof. Sharad Kumar Sonkar
Department of Library & Info. Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

69. Dr. Anjani Kumar Tiwari, Asso. Prof.
Head, Department of Chemistry
Babasaheb Bhimrao Ambedkar University, Lucknow.

70. Dr. Neetu Singh, Asso. Prof., HD&FS
Head, Department of Food & Nutrition
Babasaheb Bhimrao Ambedkar University, Lucknow.

71. Dr. Shalini Agarwal, Asso. Prof., HD&FS
Head, Department of Human Development & Family Studies
Babasaheb Bhimrao Ambedkar University, Lucknow.

72. Dr. Sunil Kumar Singh, Asso. Prof.
Head, Department of Mathematics
Babasaheb Bhimrao Ambedkar University, Lucknow

73. Dr. Dhirendra Pandey, Asso. Prof.
Head, Deptt. of Information Technology
Babasaheb Bhimrao Ambedkar University, Lucknow.

74. Dr. Oshdhish Pati Bhushan Shukla
Asso. Prof. & Head, Department of Public Administration
Babasaheb Bhimrao Ambedkar University, Lucknow.

75. Dr. Nandkishor Sonu More, Asso. Prof.
Department of Environmental Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

76. Dr. Deepa Raj, Asso. Prof.
Department of Computer Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

78. Dr. Brajesh Kumar, Asstt. Prof.
Department of Sociology
Babasaheb Bhimrao Ambedkar University, Lucknow.

79. Dr. Anis Ahmad, Asstt. Prof.
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

80. Dr. Siddhartha Mukerjee, Asstt. Prof.
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

81. Dr. Pradeep Kumar, Asstt. Prof.
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

82. Mr. Sunil Goriya,
Librarian
Babasaheb Bhimrao Ambedkar University, Lucknow.

83. Ms. Richa Verma, Ph.D. Scholar, Department of Computer Science,
Babasaheb Bhimrao Ambedkar University, Lucknow.

84. Mr. Bhujeet Kumar, P.G. Student, Department of Physics,
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

Finance Committee

(as on 31.03.2023)

1. **Prof. Sanjay Singh**
   Vice Chancellor, BBA University

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. Kamal Jaiswal**
   Dean, School of Life Sciences
   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. Ajay Kumar Mohanty**
   Finance Officer
   Ex-Officio Secretary
   Babasaheb Bhimrao Ambedkar University, Lucknow

Planning Board

(as on 31.03.2023)

1. **Prof. Sanjay Singh**
   Vice Chancellor, BBAU, Chairman
   Off.: 0522-2440820, Res.: 0522- 2440096,2968833

2. **Prof. Kamal Jaiswal**
   Dean, School of Life Sciences

3. **Prof. Bibhuti Bhusan Malik**
   Dean, Ambedkar School of Social Sciences

4. **Prof. Sangeeta Saxena**
   Head, Department of Biotechnology

5. **Prof. Sanjeev Kumar chadha**
   Head, Deptt. of Law

6. **Prof. Yogendra Pratap Singh**
   Deptt. of Hindi and Modern Languages, University of Allahabad, Prayagraj

7. **Registrar**
   BBAU

School of Physical & Decision Sciences

Initially (2010), there were four departments under the umbrella of the School of Physical Sciences namely Department of Applied Chemistry, Department of Mathematics, Department of Applied Physics & Department of Statistics. However, keeping in view the employability and opportunities for the students, the nomenclature of the School as well as the Departments, have been restructured from ongoing academic session 2018, Subsequently, our School is known as the School of Physical and Decision Sciences (SPDS) and various Department under SPDS are classified as:-

i. Department of Chemistry
ii. Department of Mathematics
iii. Department of Physics
iv. Department of Statistics
v. Integrated B.Sc.- M.Sc. Basic Science.

Department of Chemistry

Brief introduction of the Department: 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 analyser (Belsorp-mini-II, make Bell Japan) and NMR.

2. Course Offered:

i. M.Sc. Chemistry
ii. Ph.D. Chemistry

3. 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

4. Details of the Faculty:

i. Prof. Kaman Singh
Professor, Department of Chemistry
Specialization: Physical Chemistry, Advance Surface Chemistry
Qualification: M. Sc.; Ph. D.

ii. Prof. Gajanan Pandey
Professor, Department of Chemistry
Specialization: Materials Chemistry, Coordination Chemistry,EnvironmentalChemistry
Qualification: M. Sc.; Ph. D

iii. Dr. Anjani Kumar Tiwari
Associate Professor& Head, Department of Chemistry
Specialization: Chemical Kinetics, Biomedical Sciences, Neuro-receptor quantification (TSPO/AChE/5-HT), Neurochemistry, Computer added drug design (CADD) and Medicinal Chemistry, Radio Chemistry
Qualification: M. Sc.; Ph. D.

iv. Dr. Jyoti Pandey
Assistant Professor, Department of Chemistry
Specialization: Sustainable green chemistry, biopolymer chemistry and bioorganic chemistry
Qualification: M. Sc.; Ph. D.

v. Dr. Shailesh Kumar
Assistant Professor, Department of Chemistry
Specialization: Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of Heterocyles of medicinal importance, Organocatalysis
Qualification: M. Sc.; Ph. D.

vi. Dr. Preeti Gupta
Assistant Professor, Department of Chemistry
Specialization: Synthetic Organic Chemistry and Medicinal Chemistry
Qualification: M. Sc.; Ph. D.

vii. Dr. Jawahar L. Jat
Assistant Professor, Department of Chemistry
Specialization: Sustainable Organic Synthesis and Medicinal Chemistry
Qualification: M. Sc., Ph. D.

5. Details of the seminar/conference organized by the Department:

i. "Synergistic Training program Utilizing science and Technological Infrastructure (STUTI)" program organized by Department of Chemistry, Babasaheb Bhimrao Ambedkar University, Lucknow, sponsored by Department of Science and Technology, GoI, 22-28 September 2022.

ii. 21 Days Hands on Training on Material Characterization" program (as per National Education Policy) hosted by Department of Chemistry, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, during 31 December 2022 to 20 January 2023

6. 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		
h)	Sciences, Council of Science & Technology, U.P.	-	Member,
i)	School Board of Physical & Decision Science, BBAU, Lucknow	-	Member
j)	Board of Studies, MITS, Gwalior	-	Member
k)	Admission Committee, Department of Chemistry, BBAU, Lucknow	-	Member
l)	Board of Management (Executive Council), BBAU, Lucknow	-	Ex- Member
m)	Planning Board, BBAU, Lucknow	-	Ex- member,
n)	School of Engineering & Technology, BBAU, Lucknow	-	Worked as Coordinator
o)	Professor-in-Charge Security, BBAU Lucknow	-	PIC
p)	M.Sc. Polymer Chemistry, BBAU, Lucknow	-	Worked as Coordinator

q) 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 - Member

iii. Dr. Jyoti Pandey

a) School Board of Studies, SPDS, BBAU - Member(Invitee)
b) Scientific Expert Committee, - Member
ASEAN-INDIA S & T Cooperation programs, DST, New Delhi
c) Departmental of Research Committee - Member (Invitee)
d) Admission Committee, - Member
Deptt. of Chemistry, BBAU, Lucknow

iv. Dr. Shailesh Kumar

a. Board of Postgraduate Studies, DoC, BBAU - Member
b. Departmental of Research Committee - Member (Invitee)
c. Admission Committee Doc 2022-23 - Member
d. The Association of Chemistry Teachers - Life member
e. The Indian Science Congress - Life member
f. Vigyan Bharti Awadh Prant - Life member
g. Member of Degree Screening, Verification and Distribution Committee for 10th Convocation of BBAU, 2022.
h. IQAC, Department of Chemistry, BBAU, 2022 - Coordinator
i. NAAC committee Department of Chemistry, BBAU, 2022 - Member

v. Dr. Preeti Gupta

a. Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)
b. Departmental of Research Committee - Member(Invitee)
c. Admission Committee Doc 2022-23 - Member

vi. Dr. Jawahar Lal Jat

a. Departmental of Research Committee - Member(Invitee)
b. Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)
c. USIC, Advisory Committee - Member
d. R&D, Advisory Committee - Member

7. Details of editing journals and magazines:

i. Anjani Kumar Tiwari, Academic Editor, PLOS One

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

i) Marziya Rizvi;HusnuGerengi ; **Preeti Gupta**. "Functionalization of nanomaterials: Synthesis and characterization'. Chapter 1- Functionalized Nanomaterials for corrosion Mitigation: synthesis, Characterization and applications,EditedbyChandrabhan Verma, Chaudhery Mustansar Hussain, Mumtaz A. Quraishi, ACS symposium series, 2022.

ii) Anjani Kumar Tiwari, Synthetic Approach of Quinazolines Candidates, N-Heterocycles: Synthesis and Biological Evaluation, 313-329,2022, Springer Nature Singapore**.**

9. Paper Published during the year (01.04.2022-31.03.2023) by the faculty members:

i) Bal Dev Singh, Jyoti Pandey*, Huda Khanam, Sameer Singh. Lewis acid catalyzed [3+3] annulation/aldol condensation in water: One pot synthesis of (E,E)-4,6-bis(styryl)-pyrimidines. Asian-JOC112022e202200479. (Impact factor: 3.116)

ii) Pooja Pandey, Abha Mishra, Jyoti Pandey Immunity and Overall Tissue Health of Stinging Catfish, HeteropneustesFossilis (Bloch, 1794) in Curcumin Medium. The Indian Journal of Nutrition and Dietetics, 59 (2022)169-186.

iii) Manoj Dhameja, Hariom Kumar, Sirisha Kurella, Adepally Uma, **Preeti Gupta**,Flavone-1,2,3-triazole derivatives as potential α-glucosidase inhibitors: Synthesis, enzyme inhibition, kinetic analysis and molecular docking study. Bioorganic Chemistry, Volume 127, (2022), pp.106028

iv) Hariom Kumar, Manoj Dhameja, Sirisha Kurella ,Adepally Uma , **Preeti Gupta,** Synthesis, in-vitro α-glucosidase inhibition and molecular docking studies of 1,3,4-thiadiazole-5,6-diphenyl-1,2,4-triazine hybrids: Potential leads in the search of new antidiabetic drugs.Journal of Molecular Structure, Volume 1273, (2023), pp. 134339.

v) Manoj Dhameja , Hariom Kumar, Sirisha Kurella, Ravindra Singh, Adepally Uma &**Preeti Gupta,** Inhibition of α-glucosidase enzyme by 'click'-inspired pharmacophore framework 1,3,4 thiadiazole–1,2,3-triazole hybrids.Future Medicinal Chemistry, Volume 15, (2023), pp. 345-363.

vi) Metal-free synthesis of secondary amides using N-Boc-O-tosylhydroxylamine as nitrogen source via Beckmann rearrangement. Jawahar L. Jat*, Puneet Kumar, Saumya Verma, Dinesh Chandra, Vikram Singh, Bhoopendra Tiwari* *New J. Chem*., **2022**, Just accepted, doi.org/10.1039/D2NJ02755K. (I.F. 3.9)

vii) Metal-Free Direct Transformation of Aryl Boronic Acid to Primary Amines Puneet Kumar, Saumya Verma, Komal Rathi, Dinesh Chandra, Ved Prakash Verma, Jawahar L. Jat*. *Eur. J. Org. Chem*., **2022**, Just accepted, DOI : 10.1002/ejoc.202200508. (I.F. 3.2)

viii) Metal and Additive-Free Intermolecular Aziridination of Olefins Using N-Boc-OTosylhydroxylamine Jawahar L. Jat*, Dinesh Chandra, Vikram Singh, Puneet Kumar, Bhoopendra Tiwari. *Synthesis* **2022**, Just accepted. DOI: 10.1055/a-1879-7974. (I.F. 2.8)

ix) A Synthetic Overview of Enones Aziridination. Dinesh Chandra, Puneet Kumar, Ajay K. Yadav, Dr. Ganesh Kumar, Dr. Jawahar L. Jat* *ChemistrySelect*, **2022**, 7 (22), e202200267. (I.F. 2.3)

x) Direct N-Me Aziridination of Enones. Jawahar L. Jat*, Ajay K. Yadav, Chandra Bhan Pandey, Dinesh Chandra, and Bhoopendra Tiwari. *J. Org. Chem*. **2022**, 87(5), 3751-3757. (I.F. 4)

xi) Methyltrioxorhenium (MTO) Catalysis in Epoxidation of Alkenes: A Synthetic Overview. Saumya Verma, Asha Joshi, Saroj Ranjan De and Jawahar L. Jat*. *New J. Chem.*, **2022**, 46, 2005-2027. (I.F. 3.9)

12. Attended/Participated/Paper presented in conferences/seminar/workshop inside country:

i. Prof. Gajanan Pandey

a. Sonochemical reassembling of Acacia nilotica bark extract mediated Mg doped WO3@ g-C3N4 ternary nanocomposite: A robust nanophotocatalystKB Singh, DD Upadhyay, N Gautam, A Gautam, G Pandey. Journal of Photochemistry and Photobiology A: Chemistry 441, 114739,2023

b. A study on the effect of repeated heating on the physicochemical and antioxidant properties of cooking oils used by fried food vendors of Lucknow city. S Mishra, MA Firdaus, M Patel, G PandeyDiscover Food 3 (1), 7,2023

c. Structural and optical properties of silver supported α-Fe 2 O 3 nanocomposite fabricated by Saracaasoca leaf extract for the effective photo-degradation of cationic

dye Azure B. N Gautam, KB Singh, DD Upadhyay, G PandeyRSC advances 13 (33), 23181-23196, 2023

d. Sonication-assisted synthesis of Ag@ AgCl and Ag@ AgCl-GO and their photocatalytic performances, KB Singh, N Gautam, DD Updhyay, G Pandey Journal of Molecular Structure 1269, 133756, 9, 2022

e. In-situ One-Pot Novel Synthesis of Molybdenum di-Telluride@ Carbon Nano-Dots for Sensitive and Selective Detection of Hydrogen Peroxide Molecules via Turn-off Fluorescence …P Sagar, M Srivastava, RK Tiwari, A Kumar, A Srivastava, G Pandey, Microchemical Journal 183, 108134, 2022

f. A Comparative Study of Phenol Removal by *Pisum-sativum* Peels Biochars Derived at Different Pyrolysis Temperatures: Isotherm, Kinetic and Thermodynamic …P Mishra, K Singh, G Pandey. ChemistrySelect 7 (39), e202202856, 2022

g. Morphology controlled biogenic fabrication of Metal/Metal oxide nanostructures using plant extract and their application in organic transformations. KB Singh, N Gautam, DD Upadhyay, G Abbas, M Rizvi, G PandeyInorganic Chemistry Communications, 109855, 4, 2022

ii. Dr. Anjani Kumar Tiwari

a. D Singh, L Kaur, P Singh, A Datta, M Pathak, AK Tiwari*,H Ojha, R Singhal Luminescence and in-silico studies of binding interactions of arylpiperazinylbutylbenzoxazolone based synthetic compounds with bovine serum albumin. Journal of Photochemistry and Photobiology A: Chemistry, 437, 114429, 2023

b. D Singh, L Kaur, AJ Rahman, P Singh, AK Tiwari*,H Ojha*. Binding and mechanistic studies of 5-HT7 specific benzothiazolone derivatives with bovine serum albumin: Spectroscopic and in silico studies. Journal of Molecular Liquids, 366, 120143, 2022

c. Luminescence studies of binding affinity of vildagliptin with bovine serum albumin. PiyushVerma, Lajpreet Kaur, PriyankaAswal, Anju Singh, HimanshuOjha, AfreenJahan Rahman, Rahul Singhal, Anjani K Tiwari, Mallika Pathak, Journal of Biomolecular Structure and Dynamics, 41(7),3002-3013, 2023

d. P Singh, A Kaul, A Srivastava, VK Singh, K Srivastava, AK Tiwari*Acetamidobenzoxazolone conjugated DOTA system for assessing 18 kDatranslocator protein during pulmonary inflammation. Journal of Molecular Structure, 1271, 134006, 2023

e. NeelamKumari, AnupriyaAdhikari, Deepika Singh, SunitaBhagat, HimanshuOjha and Anjani Kumar Tiwari*.Benzoxazolone-Aryl piperazinyl Scaffold based PET Ligand for 5HT7: Synthesis and Biological Evaluation, Drug Development Research83(4):1024-1033, 2022

f. Singh P, Singh D, Srivastava P, Mishra G, Tiwari AK* Evaluation of advanced, pathophysiologic new targets for imaging of CNS. doi: 10.1002/ddr.22040.Drug Development Research, Feb 13.Accepted article 2023

g. D Singh, P Singh, P Srivastava, D Kakkar, M Pathak, AK Tiwari*Development and Challenges in the discovery of 5-HT1A and 5-HT7 receptor ligands. Bioorganic Chemistry, 131, 106254, 2022

h. A Adhikari, MR Zhang, AK Tiwari*Acetamidobenzoxazolone scaffold as a promising translocator protein (18 kDa, TSPO) marker for neuroinflammation imaging: Advancement in last decennial period,Drug Development Research. 83 (7), 1519-1533, 2022

i. AK Tiwari*, AAdhikari, LC Mishra, A Srivastava. Current Status of Our Understanding for Brain Integrated Functions and its Energetics. Neurochemical Research, 47 (9), 2499-2512, 2022

iii.Dr. Jyoti Pandey

a. Dr. Jyoti Pandey attended, participated and delivered an invited lecture on "Relevance of copyright in academic research" at One week workshop on IPR, held on 25.04.2022

organized by IQAC and IPR cell of S.S. Khanna Degree College, Prayagraj, IIC, Ministry of Education, GOI.

b. Dr. Jyoti Pandey attended, participated and delivered two invited lectures on "Mass spectroscopy and its applications" and "UV spectroscopy and its applications" at 21 days training programme on "Hands on Training on Material Characterization", held during 31.12.2022 to 20.01.2023 at BBAU, Lucknow.

iv. Dr. Shailesh Kumar

a. Participated in IUPAC International Webinar on "Breaking Barriers in Science, GWB 2023" organized by on 14.2.2023 at Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur, Jagat Arts, Commerce and Science College, Goregaon and Association of Chemistry Teachers (ACT), Mumbai in collaboration with International Union of Pure & Applied Chemistry(IUPAC), Global Women's Breakfast-2023

v. Dr. Preeti Gupta

a. Preeti Gupta attended, participated and presented poster titled "α-Glucosidase inhibitors based on thiadiazole scaffold for the treatment of type-2 diabetes" at International Science congress on Rural Technology and Development (ISCRTD-2023), held during 15-17 February 2023 at BBAU, Lucknow.

10. Attended/participated in conference/seminar/workshop outside country:

Dr Anjani Kumar Tiwari

i. EMBO meet 2022 at Greece,
ii. EMBO meet 2023 at Israel

11. Details of MOOC/online courses developed by the faculty:

i) UGC-Sponsored Short Term Course on MOOCS, E-Content Development and Open Educational Resources (Online) at Goa University during 11.8.22 to 18.8.22
ii) Research guidance: Ph. D.: 01; MSc. Project: 07

12. Details of invited lectures inside the country:

i. Dr. Jyoti Pandey attended, participated and delivered an invited lecture on "Relevance of copyright in academic research" at One week workshop on IPR, held on 25.04.2022 organized by IQAC and IPR cell of S.S. Khanna Degree College, Prayagraj, IIC, Ministry of Education, GOI.
ii. Dr. Jyoti Pandey attended, participated and delivered two invited lectures on "Mass spectroscopy and its applications" and "UV spectroscopy and its applications" at 21 days training programme on "Hands on Training on Material Characterization", held during 31.12.2022 to 20.01.2023 at BBAU, Lucknow.
iii. Dr. Preeti Gupta delivered an invited lecture on "Basics of NMR spectroscopy" at Hands on Training Programme on Material characterization, held during 31 December 2022 -20 January 2023 at BBAU, Lucknow.
iv. Dr. Preeti Gupta delivered an invited lecture on "NMR spectroscopy and its applications" at Hands on Training Programme on Material characterization, held during 31 December 2022 -20 January 2023 at BBAU, Lucknow

13. Details of International Awards/Fellowship:

i. Anjani Kumar Tiwari

Commissioned visiting researcher/ Professor, Department of advanced nuclear sciences, Quantum medical sciences directorate, National Institute of Radiological Sciences, Japan (2022-24)

14. Details of Research Projects (major and minor):

i. 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).

15. Students achievements:

i) Faculty wise supervision of the Ph.D degree awarded:

S. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1	Mr. Prashant Mishra	Head of the Department	--	Adsorption of phenol and it's derivatives from aqueous system by modified adsorbents	UGC-JRF
2	Mr. Sumit Kumar	Dr. Shailesh Kumar	--	Synthesis, characterization and biological studies of novel quinazoline derivatives	UGC
3	Mr. Puneet Kumar	Dr. Jawahar Lal	--	Development of Newer Synthetic Methodologies for the Synthesis of Nitrogen Containing Heterocyclic and Acyclic Compounds using O-substituted Hydroxylamine Reagents	NFSC
4	Mr. Dinesh Chandra	Dr. Jawahar Lal		Synthesis of Structurally Rich Heteroatomic Compounds using Aminating Reagents and their Biological Evaluation.	UGC

ii) Faculty wise supervision of the Ph.D degree submitted:

S.No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1	**Mr. Manoj Dhameja**	Dr. Preeti Gupta	**--**	Design, Synthesis And Biological Evaluation Of Heterocycle Based Glycosidase Inhibitors	**UGC**
2	**Ms. Deepika Singh**	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of SEROTONIN 5-HT Ligands	**UGC**
3	**Ms. Saumya Verma**	Dr. Jawahar Lal	Dr. Bhoopendra Tiwari	Studies of oxygen substituted hydroxyl amine as a reagent in Beckmann rearrangement	**CSIR-JRF**

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

S. No.	Students	Guide	Co-guide	Title	Fellowshipavailed/ availing
1.	**Mr. Utkarsh Dixit**	Head/DoC	**---**	AdsorptiopnEquliberium Studies of Dye Adsorption Onto Modified Adsorbents	**UGC-JRF**
2.	**Ms Ayushi Mishra**	Dr. Jyoti Pandey	**--**	Relevance of adsorption models for the removal of carcinogenic pollutants by modified adsorbents	**UGC**

3.	**Mr. Presenjit**	Head/DoC	**-**	Evaluation of Schiff base of d and f block elements for biological activities	**UGC**
4.	**Mr.Kijay Bahadur Singh**	Prof. Gajanan Pandey	--	Green synthesis of metallic nanoparticles and their catalytic activity	**CSIR-JRF**
5.	**Ms. Neelam Gautam**	Prof. Gajanan Pandey	--	Green Synthesis of Nanostructured Materials And Their Catalytic Activity	**UGC-JRF**
6.	**Mr. Deen Dayal Upadhyay**	Prof. Gajanan Pandey	--	Green synthesis of oxide supported metal nanoparticles and their catalytic applications in organic transformations	**UGC**
7.	**Ms. Snigdha**	Prof. Gajanan Pandey	--	Green synthesis, characterization and catalytic activity of nanoscale materials	**UGC**
8.	**Ms. Meenakshi Saklani**	Dr. Anjani Kumar Tiwari	Dr. Raunak, Sc. E INMAS, DRDO-Delhi	Peptidic agent for angiogenesis	**DRDO fellowship**
9.	**Mr. Vijay Kumar Singh**	Dr. Anjani Kumar Tiwari		Synthesis and Biological Evaluation of Purinergic Receptor Ligands	**UGC**
10.	**Mr. Chandraprakash Gond**	Dr. Anjani Kumar Tiwari		Cheminformatics' (QSAR & Docking) Study for Screening of Novel Ligands for Neuro/Onco Targets	**NFSC**
11.	**Ms. Priya Singh**	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of TSPO Selective Ligands	
12.	**Mr. Bal Dev Singh**	Dr. Jyoti Pandey	-	"Development of new chemotherapeutic agents based on aromatic and heterocyclic scaffolds"	**UGC**
13.	**Ms. Preeti Kanchan**	Dr. Jyoti Pandey	**-**	**"**Modification of polysaccharide-based materials: Synthesis, characterization and applications"	**UGC**

14.	**Ms. Ruchi Singh**	Dr. Jyoti Pandey	-	Synthesis and characterization of biopolymer based hydrogels and their application	**UGC**
15.	**Mr. Hariom Kumar**	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Novel 1,3,4-Thiadiazole Derivatives	**UGC**
16.	**Ashutosh Kharwar**	Dr. Anjani Kumar Tiwari		Design and evaluation of novel markers for specific rceptors	**UGC**
17.	**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**

16. Google profile of the faculty members, if available:

Prof. Kaman Singh **:** Citations (402); h-index (11); i10- index(13)
Prof. Gajanan Pandey **:** Citations (1655); h-index (19); i10- index(42**)**
Dr. Anjani Kumar Tiwari : Citations (1564); h-index (21); i10- index(42)
Dr. Jyoti Pandey **:** Citations (2362); h-index (23); i10- index(51)
Dr. Shailesh Kumar **:** Citations (267); h-index (10); i10- index(12)
Dr. Preeti Gupta **:** Citations (393); h-index (10); i10- index(11)
Dr. Jawahar Lal **:** Citations (805); h-index (14); i10- index(17)

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.

2. Course Offered:

i. M. Sc Mathematics
ii. Ph. D. Mathematics

3. Facilities available in the department:

i. Computer Laboratory
ii. Smart Classroom
iii. Departmental Library
iv. ICT Facilities

4. Details of Faculty:

i. **Prof. Beer Singh Bhadauria**
Professor
Specialization: Fluid Mechanics, Nanofluids, Mathematical Modelling, Numerical Methods.
Qualification: Ph.D., D.Sc. (BHU, Varanasi).

ii. **Dr. Sunil Kumar Singh**
Associate Professor, Head
Specialization: Wavelet Analysis, Integral Transforms and Distribution Theory
Qualification: Ph.D.(BHU, Varanasi)

iii. **Dr.Jagmohan Tanti**
Associate 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: Hydrodynamic Stability, heat and mass transfer
Qualification: M.Sc., JRF (NET), Ph.D.

vii. **Dr. Gopal Datt**
Assistant Professor
Specialization: Complex Analysis
Qualification: M.Sc., JRF (NET), Ph.D.

5. Other departmental-level Academic Activities:

i. **Department of Mathematics** celebrates National Mathematics Day on the 135th Birth Anniversary of Sri Srinivasa Ramanujan (December 22, 2022).

ii. **Department of Mathematics**conducted an online Math-Quiz contest on National Mathematics Day(December 22, 2022).

iii. **Department of Mathematics**conducted Poster-Presentation competition on National Mathematics Day(December 22, 2022).

6. 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. **Dr. Sunil Kumar Singh**

a) Mathematical Society, Banaras Hindu University, Varanasi. -Life member

iii. **Dr.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 Modelling and Computer Simulation. -Life member

v. Biomathematical Society of India -Life member

vi. **Dr. Mukesh Kumar Awasthi**

a) International Association of Engineers (IAENG) (Member ID- 122208) -Life member
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

vii. **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

7. **Details of Book written/edited by faculty members: -**
   i. **M. K. Awasthi, Maitri Verma** and Mangey Ram "Advances in Mathematical and Computational Modeling of Engineering Systems" CRC Press (Taylor and Francis Group) February 2023.
   DOI: https://doi.org/10.1201/9781003367420.
   ii. **M. K. Awasthi**, Ravi Tomar and Maanak Gupta "Mathematical Modelling of Intelligent Systems; Theory, Methods and Simulation" CRC Press (Taylor and Francis Group), USA, July 2022.
   DOI: 10.1201/9781003291916.
8. **Details of Book Chapter in edited volume/ conference volume:**
   i. **Singh BK**, Gupta M. Numerical solutions of Fisher's equation by using fourth order collocation scheme based on modified cubic B-splines. Computing and Simulation for Engineers. 1st ed. CRC Press; 2022: 209-220. https://doi.org/10.1201/9781003222255-14
   ii. **Singh BK**, Agrawal S. Analytical study of higher order time fractional differential equations with proportional delay for large time scale. Computing and Simulation for Engineers. 1st ed. CRC Press; 2022:221-236. https://doi.org/10.1201/9781003222255-15
   iii. **Singh BK**., Agrawal S. A New Approximation for Conformable Time Fractional Nonlinear Delayed Differential Equations via Two Efficient Method. Mathematical Modeling for Intelligent Systems: Theory, Methods, and Simulation. 1st ed. Chapman and Hall/CRC; 2022:133-158. https://doi.org/10.1201/9781003291916
   iv. Alok Kumar Verma and **Maitri Verma**, "Mathematical modeling and analysis of the impact of global warming on the dynamics of polar bear population",inAdvances in Mathematical and Computational Modeling of Engineering Systems, CRC Press, USA, 2023.
   v. S. Singh and **M. K. Awasthi**, "Mach number impact on Richtmyer-Meshkov Instability in Shock-Refrigerant-22 Bubble Interaction" in Advances in Mathematical and Computational Modeling of Engineering Systems, CRC Press(Taylor and Francis Group), USA.
   vi. **M. K. Awasthi**, S KPundir, Manu Devi, D Yadav, Vivek Kumar, A. K. Singh, "Instability of a Viscoelastic Cylindrical Jet: The VCVPF Theory" in Mathematical Modeling of Intelligent Systems; Theory, Methods and Simulation" CRC Press (Taylor and Francis Group), USA.
   vii. S. Agarwal and **M. K. Awasthi**, "Evaporative Kelvin-Helmholtz Instability of a Porous Swirling Annular Layer" in Mathematical Modeling of Intelligent Systems; Theory, Methods and Simulation" CRC Press (Taylor and Francis Group), USA.
   viii. D. Yadav, **M. K. Awasthi**, U. S. Mahabaleshwar, K. Bhattacharyya, "Numerical Treatment on the Convective Instability in a Jeffrey Fluid Soaked Permeable Layer with Through-Flow" in Mathematical Modeling of Intelligent Systems; Theory, Methods and Simulation" CRC Press (Taylor and Francis Group), USA.
9. **Paper published during the year by the faculty members (during 01.04.2022 - 31.03.2023):**
   i. Anurag Srivastava, **B.S. Bhadauria**, Heat and mass transfer, and chaotic convection in nanofluids, Journal of Nanofluids, 12(4) 904–918 (2023).
   ii. A Srivastava, **B.S. Bhadauria**, Thermal Instability of Blood-Copper Casson Nanofluid Saturated Porous Medium under LTNE, Rotation, and Through-Flow, Journal of Porous Media 26(8) 1-19 (2023) IF: 1.035
   iii. Awanish Kumar, **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 Media 26(6) 101-131 (2023) IF: 1.035
   iv. 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
   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. 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, https://doi.org/10.1016/ j.cjph. 2023. 04.015, Chinese Journal of Physics, online (2023). IF: 3.957

vii. 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).

viii. C. P. Pandey, KhetjingMoungkang, **Sunil Kumar Singh**, M. M. Dixit and Mopi Ado, Inversion Formula for the Wavelet Transform on Abelian Group, Int. J. Anal. Appl. ISSN: 2291-8639 Vol. 20 (2022).

ix. Md. H. Ahmed and **J. Tanti**, Complete congruence of Jacobi sums of order $2l^2$ with prime$l$ The **Ramanujan Journal**, Springer Nature, https://doi.org/10.1007/s11139-022-00592-2, 2022, Impact Factor: 0.804.

x. Md. H. Ahmed, **J. Tanti** and S. Pushp, Computation of Jacobi sums of orders l^2 and $2l^2$ with odd prime l, ***Indian J. Pure Appl. Math.***, Springer Nature, https://doi.org/10.1007/s13226-022-00256-3, 2022, Impact factor: 0.559.

xi. **Singh, B.K.**, Kumar, A. (2022) New approximate series solutions of conformable time-space fractional Fokker—Planck Equation via two efficacious techniques, Part. Differ. Eqns. Appl. Math. https://doi.org/10.1016/j.padiff.2022.100451.

xii. Arora G., Mishra S., **Singh BK**. Nonlinear dynamics of the Fisher's equation with numerical experiments, Nonlinear Studies 29 (3), 665-675.

xiii. **Singh BK**, Gupta M, Arora G., Shukla JP. (2023) A new modification in quartic B-splines Differential qudrature for telegraph equation, AIP Proceedings 2875, 030006.

xiv. **Singh, B.K.,** Kumar A., Gupta, M. (2023) New approximations of space-time fractional fokker- planck equations, Computational Methods for Differential Equations 11 (3), 495-521.

xv. **Singh, B. K.** and Anil Kumar, (2023) New approximations of fractional Kevin-Fock-Gordon equations via homotopy perturbation J transform method, AIP Proceedings. 2875, 030008.

xvi. **Singh, BK.,** Agarwal, S., Gupta, M., Awasthi, M. K. and Tomar, R. (2023) Study of time - fractional delayed differential equations via new integraltransform based variation iteration technique, Nonlinear Engineering. Modeling and Application 12, 20220267.

xvii. Alok Kumar Verma, **Maitri Verma**, Modeling the effect of time delay in implementation of mitigation policies on the control of atmospheric greenhouse gases, *International Journal of Biomathematics* 16(8) (2023)2250133 [IF: 2.2]

xviii. **Maitri Verma**, Cherie Gautam, Optimal mitigation of atmospheric carbon dioxide through forest management programs: A modeling study, *Computational and Applied Mathematics* 41 (2022) 320. [IF: 2.6]

xix. A.K Shukla, **M. K. Awasthi**, and S. Singh, "Impact of heat and mass transport on Rayleigh–Taylor instability of Walter's B viscoelastic fluid layer" Microgravity Science and Technology, 35(1) (2023).

xx. A. K. Shukla and **M. K. Awasthi**, "Stability characteristics of planar Rivlin-Ericksen fluid interface with mass and heat transfer", J. Fluid Engg 145 (2023) 031302 (6 pages).

xxi. Dharamendra, **M. K. Awasthi**, V. Kumar, A Chauhan and N. Dhiman, "Study of instability of Rivlin-Ericksen viscoelastic fluid film" AIP Proceedings 2481 (2022) 040005.

xxii. A. K. Shukla and **M. K. Awasthi**, "Interfacial characteristics of Power-Law viscoelastic fluid with heat and mass transfer in planar configuration", J. Fluid Engg 144 (2022) 101303 (6 pages).

xxiii. **M. K. Awasthi**, Dharamendra and D. Yadav, "Stability characteristics of Walter's B viscoelastic fluid in a cylindrical configuration with heat transfer" Proceedings of Inst Mech Engg: Part C J. Mech. Engg Sci. 236 (2022) 10370–10377.

xxiv. **M. K. Awasthi**, Dharamendra and D. Yadav, "Temporal instability of nanofluid layer in a circular cylindrical cavity" The Eur. Phys. J. ST 231 (2022) 2773–2779.

xxv. S. K. Pundir, **M. K. Awasthi** and V. Kumar, "Soret driven instability in an anisotropic porous layer saturated by a Darcy-Maxwell nanofluid", J. Nanofluids 11 (2022) 795-802.

xxvi. **M. K. Awasthi**, Dharamendra and D. Yadav, "Instability of Rivlin-Ericksen fluid film with heat and mass transfer" Int. Comm. Heat Mass Transfer 135 (2022) 106085.

xxvii. S. K. Pundir, **M. K. Awasthi** and V. Kumar, "Double diffusive convection in a hybrid nanofluid layer", J. Nanofluids 11 (2022) 296-304.

xxviii. **G. Datt**, On Lappan's five-valued theorem for **φ**-normal functions of several variables, Ukrainian Mathematical Journal, 74 (2023) 1463–1470.

xxix. **G. Datt**, Meromorphically normal families in several variables, Comput. Methods Funct. Theory, 22 (2022) 307–321.

10. Attended/Participated in conference/ seminar/ workshop inside country:

i. **Dr.Maitri Verma** attended, participated and presented a paper on "Optimal control of energy-related carbon dioxide emissions: A mathematical study" in "International Conference on Advances in Biomathematics (ICABM-2022)" held at Amity University, Lucknow during 21-23 July, 2022.

ii. **Dr. Mukesh Kumar Awasthi**, completed a two-week refresher course in "Applicable Mathematics" organized by the Department of Mathematics, Sri Jayachamarajendra College of Engineering (SJCE) JSS Science and Technology University (JSS S&TU), Mysuru" from July 26 – August 08 2022 with Grade A+.

iii. **Dr. Gopal Datt,** delivered a talk titled " Various Flavours of Derivatives" in M.B.G.P.G. College, Halwani, Uttarakhand, February 21, 2023.

iv. **Dr. Gopal Datt,** delivered P. K. Jain Award Lecture in the Annual Conference of Indian MathematicalSocietywhichwas held at the Birla Institute of Technology, Mesra, Ranchi, December 27 – 30,2022.

v. **Dr. Gopal Datt,** delivered a series of lectures in the Instructional School for Teachers (IST on ComplexAnalysis from aGeometric Viewpoint) organized jointly by NCM and USERC, Dehradun,June 13–25, 2022.

vi. **Dr. Gopal Datt,** presented a paper titled "Meromorphically normal families in several variables" in NationalConference of Academy for Progress of Mathematics on Recent Advances in MathematicalAnalysis and Applications organized by DSTCentre for Interdisciplinary MathematicalSciences, Institute of Science Banaras Hindu University, May 07–08, 2022.

11. Details of invited lecture inside the country:

i. **Prof. B.S. Bhadauria** Delivered an invited lecture on "Linear, nonlinear and Chaotic Convection in Nanofluids"in the International Conference of the Mathematical Society BHU, Varanasi organized by the DST- Centre for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University, Varanasi during February 03-05, 2023.

ii. **Prof. B.S. Bhadauria** Delivered lecture on 04.11.2022 in the Refresher Course, organized by the Dept. of Mathematics, University of Allahabad on "Numerical Solution of Boundary Value Problems"

iii. **Dr. Sunil Kumar Singh**delivered an invited talk on the topic"Wavelets and itsApplications"in the Department of Mathematics, Central University of South Bihar, Gaya,Bihar on 20th April 2022.

iv. **Dr. Sunil Kumar Singh** delivered an invited talk on the topic "Wavelets and Wavelet Transforms" in the International Workshop on Recent Trends in Modeling and Its Applications-2022 September 4-8, 2022 organized by the Department of Mathematics, Post-Graduate College Ghazipur, Uttar Pradesh.

v. **Dr. Sunil Kumar Singh**delivered an invited talk on the topic "Wavelets and Wavelet Transforms"in the Faculty Development Programmeon "Recent Advances in Applied Mathematics Using Mathematical Tools (RAAMMT-2022)" during December 14-18, 2022 organized by the Department of Mathematics & Scientific Computing, Madan Mohan Malaviya University of Technology, Gorakhpur. December 16, 2022.

vi. **Dr. Jagmohan Tanti** delivered an invited Lecture entitled "Computations for Invariant Bilinear Forms under an invertible linear transformation" in an international Conference in Honor of 80th Birthday of Professor Ravi S Kulkarni Organized by BhaskaracharyaPratishthana, Pune, India during May 21-25, 2022.

vii. **Dr. Jagmohan Tanti** delivered lectures as a Resource person in the RC-Maths, Statistics & Computer Science organized by University of Lucknow during January 10-23, 2023

viii. **Dr. Mukesh Kumar Awasthi** delivered an invited talk in the Faculty Development Programme on "Recent Advances in Applied Mathematics Using Mathematical Tools (RAAMMT-2022)" on the topic "**Viscous Potential flow theory and hydrodynamic stability**" organised by the Department of Mathematics & Scientific Computing, Madan Mohan Malaviya University of Technology, Gorakhpur U. P. during December 14-18, 2022.

ix. **Dr.Maitri Verma** delivered an invited lecture on "Mitigation of energy related carbon dioxide emissions" in "Lucknow Climate Change Conference on Control of Green House Gases at the Source by Physical and Chemical Technologies 2K22" held at BBA University, Lucknow during April 22-24, 2022

12. Details of invited lecture outside the country:

i. **Dr. Gopal Datt**delivered a talk (via Zoom) titled "Meromorophically normal families in several variables" in a short communication session of HAYAMA Symposium on Complex Analysis in SeveralVariables XXIII organized by the Graduate School of Mathematical Sciences, University ofTokyo, Japan, July 24, 2022.

13. Details of National Award/fellowship:

i. **Dr.MaitriVerma**isawardedwith"Distinguished Modellers Medal (Junior)-2021" by Indian Society for Mathematical Modeling and Computer Simulation (ISMMACS), India -August, 2022.

ii. **Dr. Gopal Datt**isawarded with P.K. Jain Award by Indian Mathematical Society in 2022.

14. 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. Sunil Kumar Singh	Study of wavelet transform and quaternion wavelet transform on function spaces	BBAU Research Seed Money	29.12.2022 To 31.03.2023	50,000/-	PI
Dr. Jagmohan Tanti	Laws of reciprocity for prime orders	BBAU Research Seed Money	29.12.2022 To 31.03.2023	50,000/-	PI
Dr. Gopal Datt	Study of Normality in One and Several Complex Variables	BBAU Research Seed Money	29.12.2022 To 31.03.2023	25,000/-	PI

15. 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	202211036216 A	Smart toilet management system	2022

16. Students achievements:

Accomplishments of Students:

Number of students completed their Masters/graduation/Diploma	M.Sc.	20
Number of student pursuing higher studies	Ph.D.	02
Number of student selected on othergovernment jobs/banking/schoolteaching etc.	Post Graduate Teacher	02
	Assistant Professor	02
	Lecturer	01

Ph. D. Awarded during the year.:

Sl. No.	Students	Guide	Co-guide	Title	Fellowshipavailed/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
3	Dharamen	Dr. Mukesh Kumar	----	Stability analysis of the interfaces at compressible and incompressible	CSIR- SRF

	dra	Awasthi		fluids	Fellowship
4	Shivam Agarwal	Dr. Mukesh Kumar Awasthi	------	Some problems on interfacial instabilities	CSIR- SRF Fellowship

Ph.D. thesis submitted during the year:

1	Sobh Nath Rai	Prof. B.S. Bhadauria	-----	Thermal Instability in Nanofluids under Modulation	UGC- SRF
2	Anil Kumar	Dr. B. K. Singh	--------	Analytical Solution of Fractional Differential Equations	NFSC- SRF
3	Saloni Agrawal	Dr. B. K. Singh	------	Numerical Study of Time-Fractional Delayed Differential Equations	University Fellowship
4	Mukesh Gupta	Dr. B. K. Singh	-----	Numerical study of (non)linear partial differntial equations via collocation techniques	CSIR-SRF

Ph. D student's Pursuing

1.	Anish Kumar	Prof. B.S. Bhadauria	-----	Heat transfer in nanofluids under various configurations	CSIR- SRF Fellowship
2.	Shilpee	Prof. B.S. Bhadauria	-----	Heat transfer in nanofluids under LTE and LTNE	University Fellowship
3.	Ismail	Prof. B.S. Bhadauria	-----	Convective Instability in nanofluids under various configurations	UGC- SRF
4.	Cherie Gautam	Dr.Maitri Verma	-----	Mathematical modeling and analysis of the control of atmospheric carbon dioxide concentration	University Fellowship
5.	Kuldeep Kumar Tripathi	Dr.Maitri Verma	-----	Mathematical modeling and analysis of the effects of fear andawareness programs on the dynamics of infectious diseases	UGC- SRF
6.	Alok Kumar Verma	Dr.Maitri Verma	----	Mathematical modeling and analysis of emission and mitigation of global warming gases	CSIR- SRF
7.	Atul Shukla	Dr. Mukesh Kumar Awasthi	----	INTERFACIAL STABILITIES IN CONFINED GEOMETRIES	CSIR- SRF Fellowship
8.	Soumya Singh	Dr. Sunil Kumar Singh	Dr. Karm Veer	Wavelet Transform and its Generalization with Applications	University Fellowship

			Singh		
9.	Mithlesh Roy	Dr. Gopal Datt	---		University Fellowship

17. Google profile of the faculty members

i. Prof. B.S. Bhadauria

https://scholar.google.com/citations?user=ypqQ6mwAAAAJ&hl=en

	All	**Since 2018**
Citations	3243	1733
h-index	36	24
i10- index	83	65

ii. Dr. Sunil Kumar Singh

https://scholar.google.co.in/citations?user=N4T7hlEAAAAJ&hl=en

	All	**Since 2018**
Citations	126	58
h-index	7	5
i10- index	5	0

iii. Dr. Jagmohan Tanti

https://scholar.google.co.in/citations?user=9PMyGWIAAAAJ&hl=en

	All	**Since 2018**
Citations	58	55
h-index	4	4
i10- index	2	1

iv. Dr.Brajesh Kumar Singh

https://scholar.google.co.in/citations?user=HdAWQGQAAAAJ&hl=en

	All	Since 2018
Citations	**1045**	**811**
h-index	**18**	**18**
i10- index	**29**	**25**

v. Dr.Maitri Verma

https://scholar.google.co.in/citations?user=sejhHvUAAAAJ&hl=en

	All	**Since 2018**
Citations	372	327
h-index	12	12
i10- index	13	13

vi. Dr. Mukesh Kumar Awasthi

https://scholar.google.co.in/citations?user=Dj3ktGAAAAAJ

	All	**Since 2018**
Citations	1414	914
h-index	21	16
i10-index	37	27

vii. Dr. Gopal Datt

https://scholar.google.co.in/citations?user=A0jhEw4AAAAJ&hl=en

	All	**Since 2018**
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.Inthe current year,theoverwhelming response was found 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. The Departmentisis 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. **36 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. Presently, 02 research scholars are getting Inspire fellowship and **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 the M.Sc. (Physics) students. 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.

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 Atmosphere Sciences etc.

2. **Course Offered:**

i. M.Sc. (Physics)
ii. Ph.D. (Physics

3. Facilities available in the department:

i. M.Sc. Laboratory
ii. Research Laboratory
iii. Instrumentation Laboratory
iv. Smart Classroom.
v. Departmental Library.
vi. Departmental Computer Centre

4.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., *Brain Pool International Fellow.*

ii. Dr. 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
Assistant Professor
Specialization: Nuclear double beta decay, Nuclear and particle astrophysics
Qualification: Ph.D.

iv. Dr. A.K. Yadav
Assistant 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

5. Details of the Seminar/Conference/Webinar organised by theDepartment:

i. National Science Day: **01**
ii. National Conference (Virtual): 01
iii. DST-STUTI:-01

6. Other Departmental level AcademicActivities:

i. Alumni Meet
ii. Parents Teacher Meeting
iii. Special Lectures

7.Visitors of Department from inside the country (during01.04.2022 to 31.03.2023) : 04

8.Visitors of Department from Outside the country (01.04.2022-31.03.2023) : 05

9.Members/fellowshipofprofessional/Academicbodies/editorialboard(Kindlydon't furnish confidentialwork)

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

Member of Editorial Board:

a) American Journal of Optics and Photonics, Science Publishing Group, USA.
b) Lucknow Journal of Science, **Print ISSN:** 0974-8121, **Online ISSN:** 0974-813X, **Publisher:** Lucknow University Teacher's Academic Publication Society.
c) International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347-2189, E-ISSN 2347-4971.
d) International Journal of Sensors and Sensor Networks, SciencePG

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 ; 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. Ramanujan Fellow, Indian Institute of Chemical Technology, Hyderabad (A. P.), India
i. Postdoctoral Fellow, The Max-Planck-Institute für Kohlenforschung**,** Mulheim and Ruhr,

j. Germany Postdoctoral Fellow, The Hebrew University of Jerusalem, Israel Mentor: Professor Season Shay Mentor: Professor Walter Thiele

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

c. Indian Radio Science Society (InRaSS) Member
d. International Union of Radio Sciences (URSI) Life Member
e. Committee on Space Research (COSPAR) Associate
f. The Plasma Science Society of India Life Member
g. The American Geophysical Union Member
h. The Society for Science of Climate Change and Sustainable Environment, New Delhi. Life Member

10. DetailsofBooks written/editedbyfacultymembers:

Complex and Composite Metal Oxides for Gas, VOC, and Humidity Sensors vol.01

11. Details of Book Chapter in editedvolume

i. Dr. Prof. B.C. Yadav: 04
ii. Dr. Anil Kumar Yadav: 01
iii. Dr. Ajeet Maurya: 01

12. Paper published during the by the faculty members (during 01.04.2022 to 31.03.2023)

UGC listed Journal

i. Prof. B.C.Yadav

a) N Singh, S Tanwar, AL Sharma, BC YadavEconomic and environment friendly carbon decorated electrode for efficient energy storage devicesJournal of Energy Storage 66, 107452
b) N Singh, S Tanwar, P Kumar, AL Sharma, BC YadavAdvanced sustainable solid state energy storage devices based on FeOOH nanorod loaded carbon@ PANI electrode: GCD cycling and TEM correlationJournal of Alloys and Compounds 947, 169580
c) A Singh, BC YadavGreen synthesized ZnO/NiO heterostructures based quick responsive LPG sensor for the detection of below LEL with DFT calculationsResults in Surfaces and Interfaces 11, 100103
d) A Singh, A Singh, A Verma, BC Yadav, V ChaudharyEconomic ZnCo2O4 Nanoflakes Chemiresistor Assisted Room-Temperature Monitoring of Low Trace Airborne AmmoniaECS Journal of Solid State Science and Technology 12 (4), 047005
e) A Verma, BC Yadav2D/2D Nanostructured System Based on WO_3/WS_2 for Acetone Sensor and Breath Analyzer
f) ACS Applied Nano Materials 6 (7), 5493-5507
g) P Singh, NK Pandey, VVS Kumar, V Verma, A Singh, P Gupta, BC YadavHighly sensitive pure molybdenum trioxide thin films at a higher annealing temperature for liquefied petroleum gas and humidity sensing at room temperatureApplied Physics A 129 (4), 250
h) BCY Rajnish Raj, Pooja Lohia, D. K. Dwivedi, Pravin Kumar Singh, Arpit VermaHigh-performance photodetection sensors based on (S2Ge)100-x(S3Sb2)x (x = 15, 30, 45, 60) system for optoelectronics applicationsJ Mater Sci: Mater Electron 34 (94), 1-10
i) S Singh, A Dzeranov, L Bondarenko, K Kydralieva, G Dzhardimalieva, Modified Fe3O4 Magnetite Core@ Shell Type Nanomaterials for Highly-Responsive LPG Sensing: A Comparative AnalysisECS Sensors Plus 2 (1), 013601
j) A Singh, S Singh, BC YadavGigantic enhancement in response of heterostructured CeO2/CdS nanospheres based self-powered CO2 gas sensor: A comparative studySensors and Actuators B: Chemical 377, 133085
k) A Sharma, P Chaudhary, A Verma, RK Tripathi, R Kumar, G GuptaNovel 3D lightweight carbon foam for ultrasensitive humidity sensor operated at different frequencies, ECS Journal of Solid State Science and Technology 12 (2), 027004

l) A Singh, SK Yadav, A Verma, S Sikarwar, BC YadavHydrothermally Synthesized ZnSnO3 Nanoflakes Based Low-Cost Sensing Device for High Performance CO2 Monitoring, ECS Advances 2 (1), 016501

m) N Chaurasiya, A Singh, K Kumar, BC Yadav, PK Yadawa, SK Singh, .Highly sensitive room temperature liquid petroleum gas (LPG) sensor with fast response based on titanium di oxide (TiO2)-reduced graphene oxide (r-GO) compositeSensors& Diagnostics

n) A Verma, A Singh, P Chaudhary, RK Tripathi, BC Yadav, P ChauhanPhotocurrent conversion capability of a 2D WS 2-polyvinyl alcohol matrix and its DFT-based charge carrier dynamics analysis,Materials Advances 4 (4), 1062-1074

o) A Singh, P Chauhan, A Verma, BC YadavCuBi 2 O 4 nanocrystals integrated with polyaniline nanobelt arrays for weak light photomultiplication type photodetector,Sustainable Energy & Fuels 7 (1), 131-143

p) S Sharma, A Verma, P Chaudhary, A Singh, MGRK Tripathi, BC YadavStructural and photodetection studies of hydrothermally grown anatase TiO2 nanomaterial, Materials Today: Proceedings 73, 255-262

q) U Kumar, YN Li, ZY Deng, PC Chiang, BC Yadav, CH WuNanoarchitectonics with lead sulfide quantum dots for room-temperature real-time ozone trace detection with different light exposureJournal of Alloys and Compounds 926, 166828

r) L Verma, D Sonkar, C Bhan, J Singh, U Kumar, BC Yadav, A NayakAdsorptive performance of *Tagetes* flower waste based adsorbent for crystal violet dye removal from an aqueous solutionEnvironmental Sustainability 5 (4), 493-506

s) BCY Abhishek Kumar, Arpit Verma, Ajeet SinghWet chemical preparation of CdS nanoparticles for the photodetection application

t) Materials Today: Proceedings, 1-10

u) A Singh, BC YadavPhoto-responsive highly sensitive CO2 gas sensor based on SnO2@ CdO heterostructures with DFT calculations

v) Surfaces and Interfaces 34, 102368

w) M Gupta, P Chaudhary, A Singh, A Verma, D Yadav, BC YadavDevelopment of MoO3-CdO nanoparticles based sensing device for the detection of harmful acetone levels in our skin and body via nail paint remover, Sensors and Actuators B: Chemical 368, 132102

x) V Verma, NK Pandey, A Singh, P Singh, P Gupta, BC YadavLiquefied petroleum gas (LPG) sensing of biphasic Cu6Sn5: SnO2 nanocomposite thin-filmsMaterials Chemistry and Physics 289, 126459

y) S Sikarwar, A Pandey, A Singh, BC Yadav, IE Uflyand, GI DzhardimalievaSynthesis of La2O3-Cr2O3-SrO nanocomposite by pyrolysis of metal carboxylates; its characterization, DFT studies and significance in humidity sensingMaterials Science and Engineering: B 283, 115813.

z) U Kumar, R Gautam, RK Sonker, BC Yadav, KL Chan, CH WuMicro and Nanofibers-Based Sensing Devices, Smart Nanostructure Materials and Sensor Technology, 97-112

aa) A Singh, S Sikarwar, BC YadavMetal-Organic Frameworks for Gas SensorsSmart Nanostructure Materials and Sensor Technology, 225-244.

bb) N Singh, S Tanwar, S Kour, AL Sharma, BC YadavSustainable carbon coated ZrO2 electrodes with high capacitance retention for energy storage devices, Journal of Physics D: Applied Physics 55 (42), 425501

cc) A Singh, A Verma, BC YadavMnO2-SnO2 based liquefied petroleum gas sensing device for lowest explosion limit gas concentration ECS Sensors Plus 1 (2), 025201

dd) R Raj, P Lohia, DK Dwivedi, A Verma, BC YadavHigh-responsivity (Ga2Ge) 100− x (Ga3Sb2) x (x= 15, 30, 45, 60) photodetection sensor for optoelectronic applicationsJournal of Materials Science: Materials in Electronics 33 (22), 17939-17948

ee) N Singh, S Tanwar, AL Sharma, BC YadavAdvanced cyclic stability and highly efficient different shaped carbonaceous nanostructured electrodes for solid-state energy storage devicesInternational Journal of Hydrogen Energy 47 (66), 28254-28271

ff) A Singh, K Kumar, S Sikarwar, BC YadavHighly sensitive and selective LPG sensor working below lowest explosion limit (LEL) at room temperature using as-fabricated indium doped SnO2 thin filmMaterials Chemistry and Physics 287, 126275

gg) A Verma, P Chaudhary, RK Tripathi, A Singh, BC YadavState of the art metallopolymer based functional nanomaterial for photodetector and solar cell applicationJournal of Inorganic and Organometallic Polymers and Materials 32 (8), 2807-2826

hh) V Kumar, SK Shukla, M Choudhary, J Gupta, P Chaudhary, S Srivastava, ...Ti_2C-TiO_2 MXene Nanocomposite-Based High-Efficiency Non-Enzymatic Glucose Sensing Platform for Diabetes MonitoringSensors 22 (15), 5589

ii) N Sahu, AK Nayak, L Verma, C Bhan, J Singh, P Chaudhary, BC YadavAdsorption of As (III) and As (V) from aqueous solution by magnetic biosorbents derived from chemical carbonization of pea peel waste biomass: Isotherm, kinetic, thermodynamic …

jj) Journal of Environmental Management 312, 114948

kk) A Verma, D Yadav, A Singh, M Gupta, KB Thapa, BC YadavDetection of acetone via exhaling human breath for regular monitoring of diabetes by low-cost sensing device based on perovskite BaSnO3 nanorodsSensors and Actuators B: Chemical 361, 131708

ll) S Singh, P Chaudhary, S Singh, V Verma, R Srivastava, RK Tripathi, Investigation on Metal Nanoparticles: Nickel Oxide, Cuprous Oxide and Tin Ferrite with Their Humidity Sensing at Room TemperatureNano Life 12 (02), 2250001

mm) A Verma, U Kumar, P Chaudhary, BC YadavInvestigation on structural and optical properties of porous SnO2 nanomaterial fabricated by direct liquid injection chemical vapour deposition techniqueSolid State Communications 348, 114723

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oo) S Singh, P Yadav, MK Gupta, GI Dzhardimalieva, J Yoon, C Maiti, ...Gigantic stimulation in response by solar irradiation in self-healable and self-powered LPG sensor based on triboelectric nanogenerator: Experimental and DFT computational studySensors and Actuators B: Chemical 359, 131573

pp) DK Maurya, P Chaudhary, BC Yadav, S AngaiahSynthesis of double perovskite LaMgCo2O5. 5 nanopowder and its robust electrical humidity sensing behaviorCeramics International 48 (10), 14518-14527

qq) A Singh, R Kishor, RN Bharagava, BC YadavExisting and Emerging Treatment Technologies for the Degradation and Detoxification of Textile Industry Wastewater for the Environmental SafetyBioremediation: Green Approaches for a Clean and Sustainable Environment, 1-13

rr) P Chaudhary, A Singh, S Sikarwar, BC YadavOne-pot synthesis of phosphine-free indium selenide (InSe) QDs and their structural characterization for LPG and humidity sensingJournal of Materials Science: Materials in Electronics 33 (15), 11802-11812

ss) P Dixi, A Singh, SK Avinashi, BC Yadav, C GautamFabrication, structural, and physical properties of alumina doped calcium silicate glasses for carbon dioxide gas sensing applicationsJournal of Non-Crystalline Solids 583, 121475

tt) P Chaudhary, A Verma, A Mishra, D Yadav, K Pal, BC Yadav, ER Kumar, ...Preparation of carbon quantum dots using bike pollutant soot: Evaluation of structural, optical and moisture sensing propertiesPhysica E: Low-dimensional Systems and Nanostructures 139, 115174

uu) A Verma, P Chaudhary, A Singh, RK Tripathi, BC YadavZnS nanosheets in a polyaniline matrix as metallopolymer nanohybrids for flexible and biofriendly photodetectorsACS Applied Nano Materials 5 (4), 4860-4874

vv) LK Gupta, K Kumar, S Sikarwar, BC Yadav, ND Golubeva, VA Shershnev, ...Frontal polymerization synthesis of scandium polyacrylamide nanomaterial and its application in humidity testingColloid and Polymer Science 300 (3), 191-202

ww) A Balamurugan, RS Priya, P Chaudhary, ER Kumar, T Indumathi, .Natural fuel assisted synthesis of Mg–Cu ferrite nanoparticles: Evaluation of structural, dielectric, magnetic and humidity sensing propertiesCeramics International 48 (4), 4874-4885

xx) BCY Abhisikta Bhaduri, Shakti Singh, Khem B. ThapaImproved room temperature liquefied petroleum gas sensing performance of Ni0.5Zn0.5Fe2O4@Cl–doped polypyrrolenanowebMaterials Sciences & Engineering B 279, 115660

yy) L Kumari, U Kumar, BC Yadav, M GuptaDevelopment of ultrafast room temperature LPG sensor using Fe_2O_3/PVP nanocompositeApplied Physics A 128 (2), 150

zz) Z Fatima, C Gautam, A Singh, SK Avinashi, Shweta, BC Yadav, AA Khan

aaa) Fabrication of a novel nanocomposite SiO_2–H_3BO_3–V_2O_5–Al_2O_3 via melt-quenching technique: structural and surface morphological characteristics for …Journal of Materials Science: Materials in Electronics, 1-19

bbb) P Gupta, K Kumar, SH Saeed, NK Pandey, V Verma, P Singh, BC YadavInfluence of tin doping on the liquefied petroleum gas and humidity sensing properties of NiOnanoparticlesJournal of Materials Research 37 (1), 369-379

ccc) F Zaireen, G Chandkiram, A Singh, SK Avinashi, BC Yadav, AA KhanFabrication of a novel nanocomposite SiO_2–H_3BO_3–V_2O_5–Al_2O_3 via melt-quenching technique: structural and surface morphological characteristics for …Journal of Materials Science. Materials in Electronics 33 (3), 1192-1210

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eee) R Verma, S Pathak, KK Dey, S Sikarwar, BC Yadav, AK SrivastavaFacile synthesized zinc oxide nanorod film humidity sensor based on variation in optical transmissivityNanoscale Advances 4 (13), 2902-2912

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ggg) A Singh, A Verma, BC Yadav, P ChauhanEarth-abundant and environmentally benign Ni–Zn iron oxide intercalated in a polyaniline based nanohybrid as an ultrafast photodetectorDalton Transactions 51 (20), 7864-7877

hhh) A Verma, P Chaudhary, RK Tripathi, BC YadavFlexible, environmentally-acceptable and long-durable-energy-efficient novel WS 2–polyacrylamide MOFs for high-performance photodetectorsMaterials Advances 3 (9), 3994-4005

iii) N Singh, S Tanwar, BC Yadav, AL SharmaHigh efficient activated carbon-based asymmetric electrode for energy storage devicesMaterials Today: Proceedings 57, 5-10

jjj) C Gautam, A Verma, P Chaudhary, BC YadavDevelopment of 2D based ZnO–MoS2 nanocomposite for photo detector with light-induced current studyOptical Materials 123, 111860

kkk) N Singh, K Kanwar, S Tanwar, AL Sharma, BC YadavStructural, electrical and electrochemical properties of Fe doped orthosilicate cathode materialsAdvanced Functional Materials and Devices: Select Proceedings of AFMD 2021

lll) P Chaudhary, DK Maurya, A Pandey, A Verma, RK Tripathi, S Kumar, Design and development of flexible humidity sensor for baby diaper alarm: Experimental and theoretical studySensors and Actuators B: Chemical 350, 130818

mmm) S Chaubey, RK Yadav, SK Tripathi, BC Yadav, SN Singh, TW KimCovalent triazine framework as an efficient photocatalyst for regeneration of NAD (P) H and selective oxidation of organic sulfidePhotochemistry and Photobiology 98 (1), 150-159

nnn) SK Gupta, AK Gupta, RK Yadav, A Singh, BC YadavHighly efficient S-g-CN/Mo-368 catalyst for synergistically NADH regeneration under solar lightPhotochemistry and Photobiology 98 (1), 160-168

ii. Prof. Devesh Kumar

a. N Awasthi, R Shukla, D Kumar, AK Tiwari, T Tripathi Monte Carlo Approaches to Study Protein Conformation Ensembles Protein Folding Dynamics and Stability: Experimental …, 2023

b. UK Bagha, R Yadav, T Mokkawes, JK SatpathyDefluorination of Fluorophenols by a Nonheme Iron (IV)-Oxo Species: Observation of a New Intermediate Along the ReactionChemistry–A European Journal, 2023

c. N Kumar, A Shukla, BS Rawat, R Joshi, KB ThapaStudy of Inhibitors Against Novel Coronavirus by Molecular Modelling Tools. Jordan Journal of Chemistry (JJC), 2023

d. AHS Dias, R Yadav, T Mokkawes, A Kumar, MS Skaf, CV Sastri, D Kumar,InorganicBiotransformation of bisphenol by human cytochrome P450 2C9 enzymes: A density functional theory study Chemistry 62 (5), 2244,2023

e. A Hermano Sampaio Dias, R Yadav, T MokkawesBiotransformation of bisphenol by human cytochrome P450 2C9 enzymes: A density functional theory study Inorganic Chemistry, 2023

f. N Awasthi, R Yadav, D Kumar Revealing metabolic path of Ketamine catalyzed by CYP450 via quantum mechanical approach Journal of Molecular Structure, 2023

g. M Mishra, N Kumar, KB Thapa, BS Rawat, R DhyaniPhysical, chemical, optical and insulating properties of alkyl benzoic acid derivatives liquid crystal due to extension alkyl chain (CNH2N+ 1) length: A DFT study - Kragujevac Journal of Science, 2023

h. 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, 2023

i. B Pal, M Mishra, D Singh, D Kumar A theoretical investigation of nonlinear optical and electronic molecular parameters of hexabutyloxytryphenylene and halogenated hexabutyloxytryphenylene molecules using density functional theory (DFT) for nonlinear device applications - Physica Scripta, 2022

j. R Yadav, N Awasthi, D Kumar Biotransformation of BPA via epoxidation catalyzed by Cytochrome P450- Inorganic Chemistry Communications, 2022

k. A Kumar, SP Goutam, D Kumar Materials Science and Molecular Modeling - Emerging Domains of Material Science, 2022

l. M Mishra, N Kumar, P Singh, BS Rawat, R DhyaniDensity Functional Theory (DFT) Study of a Binary Mixture of MBBA and PAA Liquid Crystal for THz Application - Makara Journal of Science, 2022

m. D Kumar Quantum Mechanical Study of 4, 4'-Disubstituted Biphenyls: Part I: HO (CH2) 3OC6H4. C6H4CN Int. Adv. Res. J. Sc., Eng. and Tech, 2022

n. UK Bagha, JK Satpathy, G Mukherjee, P BarmanOxidative dehalogenation of halophenols by high-valent nonheme iron (IV)-oxo intermediates - Faraday Discussions, 2022

iii. Dr. Ramesh Chandra

VK Nautiyal, R Gautam, N Das, R Chandra, PK Raina, PK RathOccupation numbers and nuclear transition matrix elements for decay within a mechanism involving neutrino massThe European Physical Journal A 58 (2), 28, 2023

iv. Dr. Anil Kumar Yadav

a. 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 of … Journal of Molecular Modeling (2023) 29 (5), 130

b. P Sinha, A.K Yadav Theoretical Study of Azetidine Derivative by Quantum Chemical Methods, Molecular Docking and Molecular Dynamic Simulations Chemistry Select (2023) 8 (16), 1-11.

c. P Sinha, A.K Yadav Identification of novel potential inhibitor of thymidylate kinase from Variola virus Journal of Biomolecular Structure and Dynamics (2023) 1-11

d. P Sinha, A.K Yadav Derivatives of 2-Methyl Tetrahydrofuran-n-Carboxylic Acids Inhibiting Novel HA3 Subtype of Influenza A Vir Hemagglutinin Journal of Computational Biophysics and Chemistry (2022),21 (07), 783-796

e. P Sinha, A.K Yadav Structural, electronic, spectroscopic and molecular docking analysis of novel hetero oxetane ring compound Computational and Theoretical Chemistry (2022) 1217, 113919D Roy, A.K Yadav Green TiO2–ZnO nanocomposite stimulator for the growth of Solanum lycopersicum in aquacultureApplied Nanoscience(2022), 12, 1403–1423

f. Sachin Yadav, Diptarka Roy, Anil Kumar Yadav,Sarvesh Avinashi, Pinki Sagar Synthesis and characterization of graphene oxide-based nanofuids and study of their thermal conductivity Journal of Thermal Analysis and Calorimetry, (2022) 147, pp 11661–11670

g. M Misra, A.K Yada Assessment of Available AMBER Force Fields to Model DNA-Ligand InteractionsBiointerface Research in Applied Chemistry (2023)13(2),156-170

h. D.Roy, Kamlesh Pandey, A.K. Yadav Green Synthesized Bismuth Ferrite for PVA-PANI-BFO Polymer-Nanocomposite Membrane: Impacts on Ionic Conductivity with Variation of Relative Humidity Journal of Physical Science,(2022)33,119-44

v. Dr. Devendra Singh

a. 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

b. **M Mishra, N Kumar, P Singh, BS Rawat, R Dhyani, D Singh, D Kumar** Density Functional Theory (DFT) Study of a Binary Mixture of MBBA and PAA Liquid Crystal for THz Application **Makara Journal of Science 26 (4), 5 2022**

c. B Pal, M Mishra, D Singh, D Kumar A theoretical investigation of nonlinear optical and electronic molecular parameters of hexabutyloxytryphenylene and halogenated hexabutyloxytryphenylene molecules using …Physica Scripta 97 (6), 065808(2023

vi. Dr. Khem B Thapa

a. D Roy, N Kumar, S Upadhyay, KB Thapa, D KumarMolecular 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

b. 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), 1-112023

c. GN Pandey, N Kumar, P Singh, KB Thapa, AK ShuklaOptical Properties of One-Dimensional Photonic Crystal Composed of Superconductor and Dielectric Layers with Liquid Crystal Layer as DefectMacromolecular Symposia 407 (1), 2200015,2023

d. GN Pandey, N Kumar, P Singh, KB ThapaTransmittance Properties of Metamaterial and Dielectric Based One-Dimensional Ternary Periodic StructureMacromolecular Symposia 407 (1), 2200016,2023

e. M Mishra, N Kumar, KB Thapa, BS Rawat, R Dhyani, D Singh, D KumarKragujevacPhysical, chemical, optical and insulating properties of alkyl benzoic acid derivatives liquid crystal due to extension alkyl chain (CNH2N+ 1) length: A DFT studyJournal of Science, 21-28,2023

f. GN Pandey, N Kumar, P Singh, KB ThapaTransmission Properties in a One-Dimensional Symmetric Ternary Nanolayered Photonic Crystal Designed with Superconductor and Silicon-Based MaterialsJournal of Superconductivity and Novel Magnetism 36 (1), 67-73,2023

g. GN Pandey, N Kumar, P Singh, KB ThapaAnalysis of photonic band structure tunability for te and tm modes in a silicon and polymer based ternary photonic crystal for visible range devicesSilicon 14 (17), 11659-11666,2023

h. VK Nautiyal, P Singh, P Upadhyay, KB ThapaTheoretical 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

i. GN Pandey, N Kumar, P Singh, KB Thapa, JP PandeyTransmission properties of one-dimensional symmetric ternary structures of metamaterials and dielectric materials with two different configurationsJournal of Physics: Conference Series 2357 (1), 012009,2022

j. GN Pandey, N Kumar, P Singh, KB Thapa, V SinghaniaTunable Reflection Properties and Photonic Bandgap Behavior of a One-Dimensional Metamaterial-Superconductor-Based Ternary Photonic CrystalIOP Conference Series: Materials Science and Engineering 1263 (1), 012002,2022

k. V Gupta, P Singh, KB Thapa, L KumarTheoretical Investigation of Coupling of Surface Plasmons in One-dimensional Periodic Structure of SiO_2 and TiO_2 with Defect of Nanocomposite of Liquid …Plasmonics 17 (4), 1791-1807,2022

l. A Verma, D Yadav, A Singh, M Gupta, KB Thapa, BC YadavDetection of acetone via exhaling human breath for regular monitoring of diabetes by low-cost sensing device based on perovskite BaSnO3 nanorodsSensors and Actuators B: Chemical 361, 131708,2022

m. A Bhaduri, S Singh, KB Thapa, BC YadavImproved room temperature liquefied petroleum gas sensing performance of Ni0. 5Zn0. 5Fe2O4@ Cl–doped polypyrrolenanowebMaterials Science and Engineering: B 279, 115660,2022

n. P Chaudhary, A Verma, A Mishra, D Yadav, K Pal, BC Yadav, ER KumarPreparation of carbon quantum dots using bike pollutant soot: Evaluation of structural, optical and moisture sensing properties20202 Physica E: Low-dimensional Systems and

o. Nanostructures 139, 115174,2022

p. M Kumar, KB Thapa, P SinghLong-range surface plasmon resonance biosensors with cytop/Al/Perovskite and cytop/Al/MoS2 configurationsPhysica Scripta 97 (5), 055501,2022

q. A Kumar, GN Pandey, A Gautam, N Kumar, KB Thapa, AK ShuklaPeriodic structure containing host hyperbolic material for nano-guiding, sensing and imaging applicationsMaterials Today: Proceedings 67, 804-806,2022

r. AK Pandey, GN Pandey, N Kumar, KB Thapa, JP PandeyAnalysis of multichannel reflectors using one-dimensional photonic crystal with symmetric and asymmetric micro-plasma defectsOAM 16, 26,2022

viii. Dr. Ajeet K Maurya

a. S Saharan, AK Maurya, A Dube, OM Patil, R Singh, H SharmaLow latitude ionospheric TEC response to the solar flares during the peak of solar cycle 24Advances in Space Research,2023

b. RSSD K. Venkatesham, Ajeet K. MauryaExtreme space weather events of solar cycle 24: X-class solar flares and their impact on the low-latitude D-region ionosphereCurrent Science 124 (7), 812-819,2023

c. AK Maurya, G Tripathi, SB Singh, R Singh, AK SinghLow-latitude upper atmosphere remote sensing using very low frequency (VLF) waves Atmospheric Remote Sensing, 283-306,2023

d. RK Vankadara, S Sasmal, AK Maurya, SK Panda 2022An Autoregressive Integrated Moving Average (ARIMA) Based Forecasting of Ionospheric Total Electron Content at a low latitude Indian LocationURSI Regional Conference on Radio Science (USRI-RCRS), 1-4,2022

e. AS Sunil, PS Sunil, MN Shrivastava, AK Maurya, D Thomas, G GonzalezJournalSeismic Induced Ground Deformation and Ionospheric Perturbations of the 29 July 2021, M_w 8.2 Chignik Earthquake, Alaska of Geophysical Research: Space Physics
   - 127 (11), e2022JA030576,2022

f. A Dube, AK Maurya, T Dharmaraj, R SinghFirst study of cloud to ground lightning discharges using ground-based observations over Indian subcontinent and its possible relationship with carbon dioxide and aerosolsJournal of Atmospheric and Solar-Terrestrial Physics 233, 105890,2022

g. AKMaurya, N Parihar, A Dube, R Singh, S Kumar, O Chanrion, M TomicicRare observations of sprites and gravity waves supporting D, E, F-regions ionospheric coupling,Scientific Reports 12 (1), 581,2022

h. AK Maurya, DV Phanikumar, R Singh, K Venkatesham, AK SinghEffect of total lunar eclipse of 27th July 2018 on the D-region ionosphere by using VLF observationsAdvances in Space Research 69 (1), 121-131,2022

13. 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

14. Attended /Participated in conference/seminar/workshop/Webinar outside country

Prof. B. C. Yadav 01, Dr. Ajeet K Maurya 02 (Finland; Japan)

15. 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

16. Details of invited lecture outside the country.

Prof. B. C. Yadav: 01

17. Details of International Award/Fellowship

Dr. Ajeet Kumar Maurya: 01 (International Join Research Program, Nagoya University, Japan)

18. Details of patents filled/awarded

Prof. B. C. Yadav: 02

19. Details of Research Project (Major/Minor):

a. Preparation and Properties of slef -healing polymer based nanohybrid materials for energy harvesting application" PI, Prof. B.C.Yadav, Funding Agency, DST,Amount,15,44,800/- 2022

b. Remote sensing of D-region using VLF waves" PI-Dr. Ajeet K Maurya, Funding Agency: UGC-Start-up-grant, Amount 10 Lakhs, 2022-23

20. Students achievements:

i. Ph.D. awarded during the year: 2022-2023 (01.04.2022 to 31.03.2023)

S.No	Name of Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Shakti Singh	Prof. B.C. Yadav		Synthesis and Characterization of self-healing Nano- Materials and their Applications	Non-Net UGC-Fellowship
2.	Anamika Shukla	Prof. Devesh Kumar		"Quantum mechanical/Molecular Mechanical (QM/MM) studies of DNA Binding Drugs ''	INSPIRE Fellowship
3.	Abhisikta Bhaduri	Dr. Khem. B. Thapa		Investigation of Micro and Nan ferrites and their Applications	Non-Net UGC-Fellowship
4.	Bhavna Pal	Dr. Devendra Singh		Electro–optical and Physical Properties of Liquid Crystal Molecules Studied by Quantum Mechanical Methodology	Non-Net UGC-Fellowship

ii. Ph.D. Students Pursuing

1	Arpit Verma	Prof. B.C. Yadav		Preparation and properties of metallpolymer nanostructures relevant to renewable energy applications	Non-Net UGC-Fellowship
2	Ajeet Singh	Prof. B.C. Yadav		Design and Fabrication of Humidity/Gas Sensors by using Heterostructural Nanomaterials	CSIR-JRF
3	Nirbhay Singh	Prof. B.C. Yadav	Yes	Preparation of Carbonaceous Hybrid Nanomaterials for Energy Storage and Conversion Devices	Non-Net UGC-Fellowship
4	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
5	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
6	Deeptarka Roy	Dr. Anil Kumar Yadav		Synthesis and Characterization of Nanostructures' with Functional Properties for the Novel Applications	Non-Net UGC-Fellowship
7	Abhishek Prakash Tiwari	Prof. B.C.Yadav		Fabrication of Metal Oxide based Nanomaterials and Their Application for Antimicrobial Activity	Nil

8	Prashasti Sinha	Dr. Anil Kumar Yadav		Study of Novel Potential Antiviral Drug Candidates Using Computational Tools	Non-Net UGC-Fellowship
9	Varsha Gautam	Prof. Devesh Kumar	Yes	Molecular Spectroscopy of Organic and Inorganic Liquid Crystals Studied by Computational Method	Non-Net UGC-Fellowship
10	Manish Kumar	Dr. Devendra Singh		Investigation of electro-optic properties of organic liquid crystal by computational method	Non-Net UGC-Fellowship
11	Alka Rani	Prof. B.C.Yadav		Functionalization of 2D transition metal dichalcogenide nanomaterials and their applications for energy conversion	Non-Net UGC-Fellowship
12	Roshni Kumari	Dr. Anil Kumar Yadav		Development of Hybrid Nanostructures for Advance Applications	Non-Net UGC-Fellowship
13	Tamanna Iqbal	Dr.RameshChandra		Application of relativistic mean field theory to nuclear matter studies	Non-Net UGC-Fellowship
14	Rajat Tripathi	Dr.AjeetKumarMaurya		Investigation of Non-linear Phenomena of Anisotropic Media	Non-Net UGC-Fellowship
15	Tarun Yadav	Dr. Anil Kumar Yadav		Study of Functional Nanostructure in Novel Material Application	Non-Net UGC-Fellowship
16	Dayanand	Dr.AjeetKumarMaurya		Study of Ionospheric Parameters Variation Due to Various Perturbing Sources	Non-Net UGC-Fellowship

iii. M.Phil. awarded during the year: 2022-2023

1.	Manas Misra	Dr. Anil Kumar Yadav		Assessment of Molecular Dynamics Force Fields for Drug-DNA Interaction	Non-Net UGC-Fellowship
2.	Mohit Kumar	Dr. Khem. B. Thapa		A study of high-performance sensing behavior of biosensor based on photonic crystal	Non-Net UGC-Fellowship

V. **Accomplishments of Students** (2022-2023)

Number of students Completed their/Graduation/ Diploma	M.Sc. Physics	31
	M.Sc. Nuclear Medicine Technology	05
	M.Phil.	02
Number of student pursuing higher studies	03 in Ph.D. 05 PDF	
Number of students NET/JRF any other fellowship	03 NET 02GATE	
Number of students selected on other government jobs	Govt. Job	03
	Teaching Job	01

	Private Job	04
	Projects	03
Number of students placed through campus interview	Nil	

21. Google scholar profile of the faculty members

Prof. Surinder Kumar

	All	Since 2018
Citations	6843	4887
h-index	45	37
i10-index	178	152

Prof. Devesh Kumar

	All	Since 2018
Citations	9520	3511
h-index	51	30
i10-index	88	69

Dr. Ramesh Chandra

	All	Since 2018
Citations	735	211
h-index	12	9
i10-index	13	8

Dr. Anil Kumar Yadav

	All	Since 2018
Citations	616	564
h-index	7	6
i10-index	6	4

Dr. Devendra Singh

	All	Since 2018
Citations	156	134
h-index	5	5
i10-index	2	2

Dr. Khem B Thapa

	All	Since 2018
Citations	1480	1134
h-index	18	13
i10-index	32	23

Dr.Ajeet Kumar Maurya

	All	Since 2018
Citations	706	432
h-index	17	13
i10-index	24	17

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 under the headship of Prof. Surinder Kumar. The Department introduced M. Phil. Programme from the academic session 2014-15 and 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 Modelling 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.

2. Courses offered/New Courses:-

i. PG Programme (M.Sc. in Statistics)
ii. Ph.D. in Statistics

3.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. Departmental Library

4. Details of the Faculty:

i. **Dr. Surinder Kumar**
Designation:- Head & Professor
Teaching & Research Experience:- Teaching- 23 Year, Research-27 Years
Area of Specialization:- Reliability Theory, Sequential Testing, Bayesian Analysis

ii. **Dr. MadhulikaDube**
Designation :- Professor
Teaching & Research Experience:- Teaching- 37 Years, Research-39 Years
Area of Specialization:- Econometrics, Biostatistics/Medical Statistics, Regression Modelling.

iii. **Dr. Subhash Kumar Yadav**
Designation :- Associate Professor
Teaching & Research Experience:- Teaching- 17 years, Research-17 years
Area of Specialization:-Sampling, Regression Analysis, Operations Research, Disease Modeling

iv. **Dr. Rahul Varshney**
Designation:- Assistant Professor
Teaching & Research Experience:- Teaching- 11 Years, Research-17 Years
Area of Specialization:- Sampling Theory, Mathematical Programming, Optimization

v. **Dr. Amit Kumar Misra**
Designation:- Assistant Professor
Teaching & Research Experience: - Teaching- 11 Years, Research-16 Years
Area of Specialization:-Stochastic Ordering, Reliability Theory, Redundancy Allocations, Sampling Theory

vi. **Dr. Minakshi Mishra**
Designation:- Assistant Professor
Teaching & Research Experience: - Teaching- 5Years and 5 months, Research-10 Years
Area of Specialization: - Soft-Computing Techniques (ANN, Fuzzy Linear Regression), Linear and Non-linear Regression Analysis, Vital Statistics, Time Series Analysis

5. Other Department Level Academic Activities

i. The Department organize the event "Exposure and Field Visit for Problem Identification" on 27th, March, 2023. under the directions of Institution's Innovation Council, BBAU, Lucknow

ii. The Department Organize the "Statistical Fest" A State Level Fest for Postgraduate Students, "QUIZTATISTICA" on 28th and 29th of March, 2023.

6.Membership/ Fellowship of Professional / Academic Bodies/ editorial Board :

i. Dr. Surinder Kumar

Membership of Professional Bodies

a. Indian Statistical Association (JISA), Pune, Life membership
b. Indian Society for Probability and Statistics (ISPS), Life membership
c. Indian Society of Agriculture Statistics (ICAR), Life membership
d. Indian Association for Reliability and Statistics (IARS). Life membership
e. The Kerala Statistical Association (KSA). Life membership
f. Indian Society for Medical Statistics, Life membership
g. Member Governing Body, Institute of Applied Statistics and Development Studies
h. (IASDS), Lucknow, 2015-2018

Membership/ Fellowship of Academic Bodies/ editorial Board

a. Head, Deptt. of Statistics. Babasaheb Bhimrao Ambedkar University, Lucknow.
b. Head, Deptt. of Electric Engineering UIET, Babasaheb Bhimrao Ambedkar University,Lucknow
c. Director, Residential Coaching Academy (RCA), UGC sanctioned, Babasaheb Bhimrao Ambedkar University, Lucknow
d. Chairman, DRC member, Department of Statistics, Babasaheb Bhimrao AmbedkarUniversity, Lucknow.
e. Chairman, BPGS member, Department of Statistics Babasaheb Bhimrao AmbedkarUniversity, Lucknow
f. School Board Member, School Board , School of Physical and Decision Sciences,Babasaheb Bhimrao Ambedkar University, Lucknow
g. RDCU member, Department of Statistics Babasaheb Bhimrao Ambedkar University,Lucknow.
h. BPGS Member, Department of Statistics, Beer Bahadur Singh PurvanchalUniversity,Jaunpur
i. DRC Member, Department of Mathematics, Babasaheb Bhimrao Ambedkar University,Lucknow
j. DRC Member, Department of Rural Management , Babasaheb Bhimrao AmbedkarUniversity, Lucknow
k. Chairman, Furniture Purchase Committee, Babasaheb Bhimrao Ambedkar University, Lucknow
l. Chairman, Students Grievances Committee, Department of Statistics, BabasahebBhimrao Ambedkar University, Lucknow
m. DRC Member, Department of Statistics, Dr. Shakuntala Misra National RehabilitationUniversity, Lucknow.

ii. Prof. MadhulikaDube

Membership of Professional Bodies

a. External Member, PG Board of Studies in Statistics, Department of Mathematics and Statistics, Central University of Punjab, Bathinda
b. External Member, PG Board of Studies in Statistics, BHU, Varanasi
c. External Member, PG Board of Studies in Statistics, NEHU, Shillong
d. External Expert, Academic Planning Board, Indira Gandhi University, Meerpur Rewari, Haryana
e. Honorary Advisor & Expert, Institutional Research and Development Committee, Saraswati Dental College, Lucknow
f. External Expert, Academic Council, Indira Gandhi University, Meerpur Rewari, Haryana
g. Coordinator, Office for International Affairs , BBAU

Membership of Associations and Scientific Bodies:-

a. Member, Data Analytics Core Group
b. Life Member Indian Bayesian Society

c. Life Member Indian Science Congress Association.
d. Life Member Indian Statistical Association.
e. Life Member the Indian Econometric Society.
f. Life Member Indian Society of Information Theory and Applications.
g. Life Member Forum for Interdisciplinary Mathematics

iii. Dr. Subhash Kumar Yadav

a. Indian Science Congress: Membership No. L14913
b. Indian Society of Mathematics and Mathematical Sciences: Membership No. 270
c. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
d. BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
e. School Board Member, School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow
f. RDCU member Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow

iv. Dr. Rahul Varshney

a. School Board member, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow.
b. Life member of International Indian Statistical Association (IISA).
c. Life member of Indian Society for Probability and Statistics (ISPS) (ID: LM/2010/49/833).
d. Life member of Kerala Statistical Association
e. Life member of OPERATIONAL RESEARCH SOCIETY OF INDIA(ORSI) (ID:1128/R/15/ML)
f. Life member of Indian Society for Medical Statistics
g. Member of Feedback Analysis Committee, IQAC, BBAU, Lucknow.
h. Member, 'Ek Bharat Shrestha Bharat' committee of the University, BBAU, Lucknow.

vii. **Dr. Amit Kumar Misra**

a. Student member of ‘Institute of Actuaries of India’
b. Lifetime member of ‘Indian Society for Medical Statistics’
c. Lifetime member of ‘Indian Science Congress’
d. Member, DRC, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
e. Member, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
f. Member, Departmental Council, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
g. Member, Departmental Purchase Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
h. Member, Departmental IQAC, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
i. Departmental Coordinator, Alumni Cell, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
j. Coordinator and Mentor for SWAYAM Courses, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
k. Member, BPGS, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
l. Member, BoS, Department of Mathematics & Statistics, Faculty of Science & Technology, Vishwakarma University, Pune.

viii. **Dr. Minakshi Mishra**

a. Life Member of Society for Application of Statistics in Agriculture and Allied sciences
b. Life Member of Crop &Weed Science Society, BCKV.
c. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
d. BUGS member, Department of Commerce, Babasaheb Bhimrao Ambedkar University, Lucknow
e. RDCU member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
f. Member, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
g. Warden, Sanghmitra Girls Hostel (Extension), BBAU, Lucknow

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

i. Dr. Subhash Kumar Yadav

a. S.S. Mishra, S. Rawat, S.K. Yadav, P.P. Mishra (2022). Chapter 10: Cost Analysis of Supply Chain Model for Deteriorating Inventory Items with Shortages in Fuzzy Environment, (Data Analytics and Artificial Intelligence for Inventory and Supply Chain Management), Springer Nature Singapore Pte Ltd., ISBN 978-981-19-6336-0. Editor(s): Prof. Dinesh K. Sharma, Prof. Madhu Jain.

ii. Dr. Minakshi Mishra

b. Mishra, M. and Pushpraj. (2023). Statistical Modeling for Climate Data. Environmental Studies and Climate Change, First Edition, CRC Press, Taylor & Francis Group, Newgen Publishing UK. [ISBN: 9781032115535 (hbk), 9781032116327 (pbk), 9781003220824 (ebk)]

2. Papers published during the year:-

Prof. Surinder Kumar:-

i. Surinder Kumar, Vaidehi Singh and Prem Lata Gautam : Sequential Analysis and Robustness Study for the parameters of Positive Exponential Family of Distributions with known coefficient of variation. Thailand Statistician. 20(4): 744-753, http://statassoc.or.th (2022)

ii. Surinder Kumar Naresh Chandra Kabdwal: Robustness Study of Sequential Testing Procedures for Generalized Maxwell Failure Distribution. International Journal of Statistics and Reliability Engineering. 9(1) (2022)

Prof. Madhulika Dube:-

i. Dubey P, Dube M, Kanhere A, et al. (2023) Electrothermal Vessel Sealing Versus Conventional Suturing in Abdominal Hysterectomy: A Randomised Trial. Cureus 15(1) e34123. doi:10.7759/cureus.34123 Impact factor 1.2.

ii. Dube. M., Singh, V. and Yadav, S.K. (2022). An Application of Multivariate Method for Evaluation of Regional Disparities in Infrastructural Development: A Case Study. International Journal of Ecological Economics and Statistics, 43 (1), 1–11, ISSN 0973-1385, Impact factor 0.148.

iii. Dube. M. Yadav, S.K. and Singh, V. and (2022). Uncovering Regional Disparities in Infrastructural Development of Uttar Pradesh: An Exploratory Factor Analysis. Journal of Reliability and Statistical Studies. 15(1), 1-16, ISSN 2229-5666, Impact factor 0.853

iv. Yadav, S.K., Sharma, D.K., and Dube, M. (2022) "A Simulation Approach to Modified Searls Estimation of Population Mean under Two-Phase Random Sampling" International Journal of Mathematics in Operational Research, 22(2) ISSN 1757-5850, Impact factor 2.12

Dr. Subhash Kumar Yadav:-

a. Yadav, S.K., Vishwakarma, G.K., Varshney, R. and Pal, A. (2023). Improved Memory Type Product

b. Estimator for Population Mean in Stratified Random Sampling Under Linear Cost Function, SN ComputerScience, 4, 235. ISSN: 2661-8907. IF-3.781

c. Yadav, S.K., Sharma, D.K., Brown, K. and Baghel, S. (2023). A remedy for enhanced estimation of

d. population mean using exponential ratio-cum-product type estimator under non-response, InternationalJournal of Operational Research, 46(4), 550-570. ISSN: 1745-7653. IF-0.920

e. Singh et al. (2023). A comprehensive review on PCSK9 as mechanistic target approach in cancer therapy,

f. Mini-Reviews in Medical Chemistry, 23, 24-32. ISSN: 1875-5607. IF-3.476

g. Yadav, S.K. and Smarandache, F. (2023). Generalized Neutrosophic Sampling Strategy for Elevated

h. estimation of Population Mean, Neutrosophic Sets and Systems, 53, 219-238. ISSN: 2331-6055. IF-3.741.

i. Yadav, R., Singh, H.P., Upadhayaya, L.N. and Yadav, S.K. (2023). Adroit family of estimators ofpopulation mean using known auxiliary parameters, Journal of Computational and Applied Mathematics,

j. DOI:10.1016/j.cam.2023.115455. ISSN: 0377-0427. IF-2.734

k. Yadav, S.K., Bari, T. and Vishwakarma, G.K. (2023). Generalized Double Sampling Family of Estimators for Population mean of Sensitive Variable Harnessing Non-sensitive Auxiliary Variable and Attribute, Sankhyā B: The Indian Journal of Statistics, DOI: 10.1007/s13571-022-00299-w, ISSN: 0976-8386., IF-0.784

l. Yadav, S.K., Sharma, D.K., and Sharma, H. (2023). Use of known population median of study variable for elevated estimation of population mean, International Journal of Applied Management Science, 15(1), 28-41. ISSN: 1755-8921. , IF-1.152

m. Yadav, S.K. and Akhter, Y. (2022). The reproductive numbers of SARS-CoV-2 vary depending on the compartmental model used during epidemiological modeling, Journal of Travel Medicine, ISSN: 1708-8305., IF-25.7

n. Yadav, S.K., Kumar, V. and Akhter, Y. (2022). Modeling Global COVID-19 Dissemination Data After the Emergence of Omicron Variant Using Multipronged Approaches, Current Microbiology, 79, 286. DOI: 10.1002/cpe.7221, ISSN: 0343-8651., IF-2.787

o. Yadav, S.K., Ahmad, S. and Riaz, M. (2022). On enhanced estimation and monitoring of population variance using robust auxiliary parameters based estimators, Concurrency and Computation: Practice and Experience, e7273. ISSN: 1532-0634., IF-2.175

p. Yadav, S.K., Misra, A.K. and Bari, T. (2022). Generalised classes of estimators for population mean of sensitive variable using non-sensitive auxiliary parameters, International Journal of Mathematical Modelling and Numerical Optimisation, 12, 3, 287-302. ISSN: 2040-3615., IF-0.829

q. Yadav, S.K., Arya, D., Kumar, R., Taruna, T. and Bouza, C. (2022). Searching best fitted regression models for the production of mango and sugarcane yields, RevistaInvestigaciónOperacional, 43(5), 619-628. ISSN: 0257-4306., IF-0.709

r. Yadav, S.K., Sharma, D.K., Yadav, A. and Kumar, S. (2022). Optimal Searls estimation of population variance under a systematic sampling scheme: a simulation study, International Journal of Computing Science and Mathematics, 16, 3, 239-251. ISSN: 1752-5055. , IF-0.860

s. Yadav, S.K., Sharma, D.K. and Dube, M. (2022). Modified exponential family for improved Searls estimation of finite population mean, International Journal of Computing Science and Mathematics, 16, 2, 149-158. ISSN: 1752-5055. , IF-0.860

t. Yadav, S.K., Sharma, D.K. and Alade, J.A. (2022). Computation of Improved Searls Estimation of Population Variance Using Robust Auxiliary Parameters, Recent Advances in Computer Science and Communications, 15(5), 700-713. ISSN: 2666-2566. , IF-1.063

u. Yadav, S.K. and Dube, M. (2022). Improved Searls Estimation of Population Mean under Ranked Set Sampling, Journal of the Indian Society of Agricultural statistics, 75(3), 221-227. ISSN: 0019-6363.

v. Yadav, S.K., Zaman, T., Khokhar, A. and Saha, S. (2022). Questing elevated family of product estimators of Population mean using auxiliary variables, Journal of Science and Arts, 22 (2), 343-350.

w. Razauddin, Kumar, S., Yadav, S.K., Mayaram, Meena, R.C. and Maji, S. (2022). Variability assessment in okra [Abelmoschus Esculentus (L.) Moench] genotypes grown in subtropical agro-climate of central Uttar Pradesh, Agricultural Mechanization in Asia, 53(11), 11537-11548. ISSN: 0084-5841.

x. Zaman, T., Bulut, H. and Yadav, S.K. (2022). Robust ratio-type estimators for finite population mean in simple random sampling: A simulation study, Concurrency and Computation: Practice and Experience, e7273. Doi:10.1002/cpe.7273. ISSN: 1532-0634., IF-2.175

y. Ahmadini A.A.H., Yadav, T., Yadav, S.K. and Al Luhayb, A.S.M. (2022). Restructured searls family of estimators of population mean in the presence of nonresponse. Frontiers in Applied Mathematics and Statistics, 8:969068. DOI: 10.3389/fams.2022.969068. ISSN: 2297-4687., IF-1.634

z. Varshney, R., Pal, A., Yadav, S.K., Singh, L. (2022). Optimal Strategy for Improved Estimation of Population Mean under Stratified Sampling Design using Genetic Programming, International Journal of Agricultural and Statistical Sciences, 18(2), 799-804. ISSN: 0976-3392., IF-1.814

aa. Sharma, R., Singh, L., Yadav, S.K., Kumar, S., Kumar, S. and Sangal, P.K. (2022). Two Efficient Class of Ratio Estimators for Population Mean Estimation Using Auxiliary Information in Simple Random Sampling, 18(Sup.1), 1271-1276. ISSN: 0976-3392., IF-1.814

bb. Yadav, S.K., Misra, S. and Gupta, S. (2022). 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., IF-0.879

cc. Yadav, S.K., Sharma, D.K. and Brown, K. (2022). Estimating peppermint oil yields with auxiliary variable information, International Journal of Operational Research, 44, 1, 122-139. ISSN: 1745-7653., IF-0.920

dd. Yadav, S.K., Sharma, D.K. and Dube, M. (2022). A simulation approach to modified Searls estimation of population mean under two-phase random sampling, International Journal of Mathematics in Operational Research, 22, 2, 235-251. ISSN: 1757-5869., IF2.124

ee. Yadav, S.K. (2022). Modified Searls Predictive Estimation of Population Mean Using Known Auxiliary Character, Thailand Statistician, 20 (1), 53-65. ISSN: 2351-0676., IF-0.852

ff. Yadav, D.K., Sharma, D.K. and Yadav, S.K. (2022). A new generalised median-based estimator of the finite population mean, International Journal of Operational Research, 43, 4, 498-511. ISSN: 1745-7653., IF-0.920

gg. Vishwakarma, G.K., Yadav, S.K., Bari, T. (2022). Generalized Difference-Cum Exponential Class of Estimators for Estimating Population Parameters of the Sensitive Variable, Mathematical Problems in Engineering, https://doi.org/10.1155/2022/7890489. ISSN: 1563-5147, IF-1.305

hh. Sharma, D.K. and Yadav, S.K. (2022). Optimal generalized Searls estimation procedure of population mean under ranked set sampling scheme, International Journal of Mathematics in Operational Research, 21, 3, 305-320. ISSN: 1757-5869., IF-2.124

ii. Yadav, S.K., Vishwakarma, G.K. and Kumar, N. (2022). Improved Estimation Strategy for Population Mean using Auxiliary Information, Lobachevskii Journal of Mathematics, 43 (1), 248-256. ISSN: 1995-0802., IF-0.969

jj. Dube, M., Yadav, S.K. and Singh, V. (2022). An Application of Multivariate Method for Evaluation of Regional Disparities in Infrastructural Development: A Case Study, International Journal of Ecological Economics and Statistics, 43(1), 47-57. ISSN: 0973-7537.

kk. Dube, M., Yadav, S.K. and Singh, V. (2022). Uncovering Regional Disparities in Infrastructural Development of Uttar Pradesh: An Exploratory Factor Analysis, Journal of Reliability and Statistical Studies, 15(1), 21-36. ISSN: 2229-5666.

ll. Yadav, S.K. and Akhter, Y. (2022). Response: Commentary: Statistical Modelling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 Spread. Frontiers in Public Health, 9:783201. DOI: 10.3389/fpubh.2021.783201, ISSN: 2296-2565., IF-5.989

mm. Yadav, S.K., Zhao, S. and Akhter, Y. (2022). Response to Comments on "Preliminary estimation of the basic reproduction number of novel corona virus (2019-nCoV) in China, from 2019 to 2020: a data-driven analysis in the early phase of the outbreak", International Journal of Infectious Diseases, 115, 70-71. ISSN: 1878-3511., IF-10.682

nn. Sharma, D.K., Yadav, S.K. and Sharma, H. (2022). Improvement in estimation of population variance utilizing known auxiliary parameters for a decision-making model, International Journal of Mathematical Modelling and Numerical Optimization, 12, 1, 15-28. ISSN: 2040-3615. , IF-0.829

Dr. Rahul Varshney:-

i. Pal, Arun; Mradula; and Varshney, Rahul (2022). Compromise allocation in multivariate two-stage sampling design in presence of non-response, International Journal of Agricultural & Statistical Sciences, 18(1), 273-279 (June 2022)

ii. Gupta, Srikant; Haq, Ahteshamul; and Varshney, Rahul (2022). Problem of compromise allocation in multivariate stratified sampling using intuitionistic fuzzy programming, Annals of Data Science, Online (June 2022)

iii. Raghav, Y.S.; Mradula; Varshney, Rahul; Modibbo, U.M.; Ahmadini, A.A.H.; and Ali, I (2022). Estimation and optimization for system availability under preventive maintenance, IEEE Access, 10 94337-94353(September 2022)

iv. Varshney, Rahul; Pal, Arun; Yadav, S. K.; and Singh, Lakhan (2022). Optimal strategy for improved estimation of population mean under stratified sampling design using genetic programming, International Journal of Agricultural & Statistical Sciences,18(2) 799-804 (Dec 2022)

v. Varshney, Rahul; Pal, Arun; Mradula; and Ali, Irfan (2023).Optimum allocation in the multivariate cluster sampling design under Gamma cost function, Journal of Statistical Computation and Simulation 93(2) 312-323 (Jan 2023)

vi. Yadav, S.K.; Vishwakarma, G.K.; Varshney, Rahul; and Pal, Arun (2023). Improved Memory Type Product Estimator for Population Mean in Stratified Random Sampling Under Linear Cost Function, SN Computer Science, Online 235(March 2023)

Dr. Amit Kumar Misra:-

i. Yadav, S.K., Misra, A. K., and Bari, T. (2022). Seals estimation strategy for population mean of a sensitive study variable harnessing non-sensitive auxiliary information, International Journal of Mathematics in Operations Research, Volume 23, Issue 3, pp. 344-358. ISSN: 1757-5850 (Print), 1757-5869 (Online)

ii. Yadav, S.K., Misra, A. K., and Bari, T. (2022). Generalised classes of estimators for population mean of sensitive variable using non-sensitive auxiliary parameters, International Journal of Mathematical Modelling and Numerical Optimisation, Volume 12, Issue 3, pp. 287-302. ISSN: 2040-3607 (Print), 2040-3615 (Online)

iii. Misra, A. K., Chanchal, R. and Gupta, V 2022 (Accepted for publication on Apr. 17, 2022). Stochastic Properties of Topp-Leone Generated Family of Distributions, Thailand Statistician, ISSN: 2351-0676 (Online

Dr. Minakshi Mishra:-

i. Mishra, M. and Thakur, R. K. (2022). Application of Scale Conjugate Gradient Neural Network Algorithm for the Prediction of Noise Level in Industrial zone of Lucknow. International Journal of Agricultural and Statistical Sciences, 18(2): 837-844. [UGC CARE AND SCOPUS JOURNAL]

ii. Mishra, M. and Thakur, R. K., Tanupriya. (2022). Application of Artificial Neural Network Model in Prediction of Natural Growth Rate in India. International Journal of Agricultural and Statistical Sciences, 18(Supplement 1): 939-945. [UGC CARE AND SCOPUS JOURNAL]

iii. Mishra, M., Kumar, A. and Thakur, R. K. (2023). Superiority of GMDH neural network model over Holt's and ARIMA models for the future prediction of general fertility rate: A case study of India. Advances and Applications in Mathematical Sciences, 22(3): 769-778. [UGC CARE AND WEB OF SCIENCE JOURNAL]

3. Participated/ Paper Presented in conferences/seminar/workshop inside country:

Dr. Subhash Kumar Yadav

International Conference (Virtual) On Interdisciplinary Research in Applied Science, Management and Technology (IRASMT-2022) Organized by School of Management Gautam Buddha University, Greater, India in Association with American Institute of Management and Technology (AIMT), USA during Noida 26-27 May 2022. The title of the paper was "New Imputation Method for Elevated Estimation of Population Mean".

Dr. Rahul Varshney:-

Lucknow Climate Change Conference on control of green house gasses at the source by physical and chemical technologies 2k22 during April, 22-24, 2022.

Dr. Amit Kumar Misra:-

Participated in the One Day International Webinar on 'Current State of Econometrics and Career Prospects of Young Minds' organized by the Department of Statistics, Central University of Rajasthan, on Sep. 12, 2022.

21. Invited Lectures inside country:-

i. Prof. Surinder Kumar:-

a. Delivered invited lecture on : Innovations and best practices in Statistics for career development, Govt. PG college for Women, Gandhi Nagar Jammu,04th April, 2022.
b. Delivered invited lecture, UGC-HRDC, Doctor Harisingh Gour Vishwavidyalay, Sagar , sponsored Refresher Course, (20th. July- 02th Aug., 2022). Topic : Parametric and Non Parametric tests.
c. Delivered invited lecture, UGC-HRDC, University of Allahabad, sponsored Refresher Course, (02th. Nov- 15th Nov., 2022). Topic : Basic Statistics of Testing of Hypothesis.
d. Delivered invited lecture, UGC-HRDC, University of Lucknow, sponsored Refresher Course, (10th. Jan- 23th Jan., 2023). Topic : Markov Inequality, Chabyshev Inequality, WLLN, SLLN and CLT

ii. Prof. Madhulika Dube:-

a. Resource person in the workshop on "Application of statistical softwares in research methodology" from 23rd -29th August 2022 organized by Amity Business School, Amity University, Lucknow to deliver a lecture on Sampling Techniques.
b. Extension Lecture on "Sampling Methods and their Applications in Social Sciences" on July 10, 2022 in the Research Methodology Workshop held at Giri Institute of Development Studies, Lucknow.
c. Extension Lecture on "Research and Innovation with Statistics and Data Analysis" on May 19, 2022 organized by Shri ram Swaroop Memorial University, Lucknow, UP.

iii. Dr. Subhash Kumar Yadav:-

a. One Week Online International Workshop on Statistical Data Analysis using SPSS, organized by Science Tech Institute, Lucknow during 21-27 May, 2022. The topic of the talk was "Cluster Analysis and Discriminant analysis".
b. International conference on Innovations in Management, Science and Technology (ICIMST) during August 5-6, 2022. The topic of the talk was "Prediction of Infectious Disease Spread Using Statistical Modeling".
c. Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 06.09.2022 on the topic 'Basic Statistics and its Application'.
d. One Week Online International Workshop on Statistical Advanced Data Analysis using SPSS, organized by Science Tech Institute, Lucknow during 24-30 Sept, 2022. The topics of the talk were "Parametric and Non-parametric Tests".
e. Online International Conference on Research Methodology Jointly Organized By Dr Shakuntala Misra National Rehabilitation University and Science Tech Institute, Lucknow, Prediction of Infectious Disease Spread Through Different Statistical Approaches during October, 28-30, 2022.
f. Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program on 15.11.2022 on the topic 'Basic Statistics and its Application'.
g. Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted Appointed Assistant Statistical Officers of Department of Economics and Statistics on 12.12.2022 on the topic 'Basic Statistics and its Applications'.
h. Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program to Assistant Statistical Officers on 23.01.2023 on the topic 'Data Collection-Designing of Questionnaire and sample size determination'.

i. Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program to promoted Research Officers on 03.02.2023 on the topic 'Data Collection-Designing of Questionnaire and sample size determination'.

j. One Week Online Faculty Development Program On Advanced Research Methodology during March 21-27, 2023 organized by Amiruddaula Islamia Degree College, Lucknow &Science Tech Institute, Lucknow. The topic of the talk was "Data collection and sampling techniques"

iv. Dr. Rahul Varshney:-

a. Delivered an invited talk on "Survey Techniques, Sampling and Non Sampling Error" at Training Centre, State Planning Institute, UP, Lucknow on April 20, 2022.

a. Delivered an invited talk at Lucknow Climate Change Conference during April, 22-24, 2022.

b. Delivered invited talks at Training Centre, State Planning Institute, UP, Lucknow on July 02, 2022.

c. Delivered invited talks at Training Centre, State Planning Institute, UP, Lucknow on July 18, 2022.

d. Delivered invited talks at Training Centre, State Planning Institute, UP, Lucknow on Dec 12, 2022.

v. Dr. Amit Kumar Misra:-

a. Resource person for a Workshop on 'Introductory Course on Research Methodology & Biostatistics' under "Dr. Padam Singh Research & Development Scheme" organized by M.R.U., Pt. B.D. Sharma PGIMS, Rohtak in collaboration with Institute of Applied Statistics, during May 05-06, 2022.

b. Delivered a lecture on the topic "Introduction to SPSS and Data Management" as an invited speaker in the '10-Day Methodology Programme on Advanced Tools & Techniques in Social Science Research' organized by Giri Institute of Development Studies, Lucknow on 13th July, 2022.

c. Delivered a lecture on the topic Introduction to Differential Privacy as an invited speaker in the 'International Symposium on Advances in Data Sciences and Emerging Technologies' organized by Amity University, Lucknow, on May 10, 2022.

d. Resource person for the Quality Improvement Programme on 'Basics of Research Methodology' organized by Dayanand Academy of Management Studies, Kanpur, during June 03-04, 2022.

e. Resource person for the IVth National Workshop on 'Statistical Techniques for Data Analysis Using Software Tools SPSS and R' organized by the Department of Commerce & Research and Promotion Cell, D.A.V. P.G. College, Varanasi, during June 20-30, 2022.

f. Delivered a talk on the topic Nonparametric Analysis using SPSS in the One Week Faculty Development Programme on 'Tools and Techniques in Translational Research' organized by Faculty of Science, Invertis University, Bareilly, on July 21, 2022.

g. Resource person for the Refresher Course in Statistical Methods in Data Analysis and Research (online) organized by UGC-HRDC, University of Rajasthan, Jaipur, during Nov. 14-26, 2022.

h. Resource person for the Multidisciplinary National Workshop on 'Statistical Tools in Research: Dimensions, Trends & Challenges held at the School of Sciences, Uttar Pradesh Rajarshi Tandon Open University, Prayagraj, during Nov. 14-18, 2022.

i. Resource person for the One Week Online Training Programme on 'Data Extraction and Analysis' organized by the Sharda School of Business Studies, Sharda University, Greater Noida, during Jan. 02-06, 2023.

j. Delivered an invited lecture on the topic 'Analysis of Variance using R' in the 'Workshop on Statistical Modelling with R' held at IIIT Allahabad, during Jan. 09-15, 2023.

k. Delivered an invited lecture on the topic 'Bootstrap Resampling Methods using R' in the 'Workshop on Statistical Modelling with R' held at IIIT Allahabad, during Jan. 09-15, 2023.

l. Delivered an Invited Talk on the topic Introduction to Bootstrap Resampling Method in the Lecture Series on Opportunities and Future Perspectives in Statistics and Data Science organized by the Department of Mathematics and Statistics, Faculty of Science and Technology, DSMNR University, Lucknow, during Mar. 13-14, 2023.

m. Resource person for the One Week Online National Workshop on 'Statistical Data Analysis using SPSS & R' organized by the Department of Statistics, Central University of Haryana, Mahendergarh, during Mar. 20-24, 2023.

22. Details of National Awards/Fellowship:

Dr. Subhash Kumar Yadav

i) Research and Academic Excellence Award-2022, Babasaheb Bhimrao Ambedkar University, Lucknow.
ii) Best Paper Award-2022, Online International conference jointly organized by American Institute of Management and Technology, USA and Gautam Budha University, Greater Noida, India.
iii) Research and Academic Excellence Award-2023, Babasaheb Bhimrao Ambedkar University, Lucknow.

23. Details of Research Projects (major and minor)

Dr. Subhash Kumar Yadav

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

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

i) All the faculties given the same responsibilities for Academic and Administrative work of the department.
ii) All the departmental committees like Departmental Admission Committee, Departmental Council, Departmental Purchase Committee, Student Advisory Committee etc. are working efficiently.
iii) The department has 100% PG result and department always declare/submit its result timely.

25. Studentsachievements: -

i. Accomplishment of the students:

a. Ms. Anshika Bajpai cleared ISS examination.
b. Mr. Abahy Pratap Pandey Selected as Assistant Professor in Allahabad University.
c. 12 students working in government sector.
d. 04 students qualified NET/GATE/UGC-JRF.

ii. Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis

a. Ph. D. Pursuing:-

S.No.	Name of Student	Name of Supervisor	Name of Co-supervisor	Title of Thesis	Fellowship availing
1	Bhupendra Meena	Prof. Surinder Kumar	-	Various Life Testing Models and their Estimation through New Techniques	UGC-Non Net
2	Dhairya Tripathi	Dr. Amit Kumar Misra	Dr. Anup Kumar, SGPGI, Lucknow	Stochastic Modelling and Estimation of Human Fertility Parameters	UGC-Non Net

3	Kavita Kesarwani	Prof. Surinder Kumar	-	Various Inferential Procedures for Reliability Models based on Advanced Censoring Schemes	UGC-Non Net
4	Mehdi Ali	Dr. Subhash Kumar Yadav	-	Improved Estimation of Population Parameters in Sampling Theory	UGC-Non Net
5	Mukesh Kumar Verma	Dr. Rahul Varshney	-	Some Contributions to the Sampling Theory using Non-Linear Programming Techniques	UGC-Non Net
6	Rahul Shukla	Prof. Surinder Kumar	-	Inferential Procedures for Various Life Testing Models through Classical and Bayesian Techniques	UGC-Non Net
7	Ritanshi Trivedi	Prof. Madhulika Dube	-	Uncovering the Latent Structure of Spatiotemporal Disparities in Regional Development in India: Statistical Evaluation and Modelling	UGC-Non Net
8	Saif Ali Khan	Dr. Subhash Kumar Yadav	-	Infectious Disease Modeling through Distinct Statistical & Machine Learning Techniques	UGC-Non Net
9	Diksha Arya	Dr. Subhash Kumar Yadav	-	A Certain Study on Estimation of Population Parameters in Survey Sampling	UGC-Non Net
10	Anuj Kumar	Dr. Minakshi Mishra	-	Prediction of fertility measures for India: A comparative analysis	UGC-Non Net
11	Shivendra Pratap Singh	Dr. Amit Kumar Misra	Prof. Surinder Kumar	On some contributions in reliability theory and theory of stochastic orders	UGC NET JRF

Submission/degree awarded:-

i. nnumber of student completed their Masters/Graduation/Diploma:- 22
ii. Number of student selected in civil services (UPSC/UPPSC):-07
iii. Details of students selected for teaching in higher education:- 08
iv. Number of student pursuing higher studies:- 02
v. Number of student selected on Other government jobs/banking/school teaching etc:-05
vi. Number of student awarded SLET/NET/JRF/any other fellowship:- 04 (02 NET, 01 GATE & 01 UGC NET-JRF)

29. Any Other Special achievement recorded by the students:-

i. Three Students selected in Yuva Sangam under "Ek Bharat Shrestha Bharat".
ii. One student got 2nd prize in University Level Slogan Writing Competition.
iii. One student got 1st prize in University Level Essay Writing Competition.

30. Details of the Publications of the students (Books/Article/Books' chapter)

Mr. Vishwajeet Singh

a. Vishwakarma, G.K., Yadav, S.K., Bari, T. (2022). Generalized Difference-Cum Exponential Class of Estimators for Estimating Population Parameters of the Sensitive Variable, Mathematical Problems in Engineering, https://doi.org/10.1155/2022/7890489. ISSN: 1563-5147
b. Dube, M., Yadav, S.K. and Singh, V. (2022). An Application of Multivariate Method for Evaluation of Regional Disparities in Infrastructural Development: A Case Study, International Journal of Ecological Economics and Statistics, 43(1), 47-57. ISSN: 0973-7537.
c. Dube, M., Yadav, S.K. and Singh, V. (2022). Uncovering Regional Disparities in Infrastructural Development of Uttar Pradesh: An Exploratory Factor Analysis, Journal of Reliability and Statistical Studies, 15(1), 21-36. ISSN: 2229-5666.

Mr. Ratan Kumar Thakur

a. Mishra, M. and Thakur, R. K. (2022). Application of Scale Conjugate Gradient Neural Network Algorithm for the Prediction of Noise Level in Industrial zone of Lucknow. International Journal of Agricultural and Statistical Sciences, 18(2): 837-844. [UGC CARE AND SCOPUS JOURNAL]
b. Mishra, M. and Thakur, R. K., Tanupriya. (2022). Application of Artificial Neural Network Model in Prediction of Natural Growth Rate in India. International Journal of Agricultural and Statistical Sciences, 18(Supplement 1): 939-945. [UGC CARE AND SCOPUS JOURNAL]
c. Mishra, M., Kumar, A. and Thakur, R. K. (2023). Superiority of GMDH neural network model over Holt's and ARIMA models for the future prediction of general fertility rate: A case study of India. Advances and Applications in Mathematical Sciences, 22(3): 769-778. [UGC CARE AND WEB OF SCIENCE JOURNAL]

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	Submitted
2	Arun Pal	Dr. Rahul Varshney	Dr. Subhash Kumar Yadav	Some Applications of Non-Linear Programming Techniques in Sample Surveys	Submitted
3	Vishwajeet Singh	Dr. Subhash Kumar Yadav	Prof. Madhulika Dube	Statistical Assessment of Regional Imparities in the Development of Uttar Pradesh	Awarded
4	Tarushree Bari	Dr. Amit Kumar Misra	Dr. Subhash Kumar Yadav	On Estimation of Population Parameters in Sampling Theory using a Sensitive Variable	Awarded
5	Ankit	Prof. Surinder Kumar	-	Various loss functions and related inferential procedures	Awarded

31. Google profile of the faculty members, if available.

Prof. Surinder Kumar

	All	Since 2018
Citations	123	60
h-index	5	4
i10-index	2	1

Prof. Madhulika Dube

	All	Since 2018
Citations	305	218
h-index	11	7
i10-index	11	5

Dr. Subhash Kumar Yadav

	All	Since 2018
Citations	814	649
h-index	16	14
i10-index	21	18

Dr. Rahul Varshney

	All	Since 2018
Citations	304	138
h-index	8	6
i10-index	6	4

Dr. Amit Kumar Misra

	All	Since 2018
Citations	150	72
h-index	6	5
i10-index	5	4

Dr. Minakshi Mishra

	All	Since 2018
Citations	21	21
h-index	2	2
i10-index	1	1

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. Under NEP 2020, implemented from 2022 onwards, there is an option to exit after four years with Honor's UG degree and after five years with Master's 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 enables the student 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 are 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 minimum 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.

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:

i. Integrated of B.Sc.-M.Sc. (Basic Sciences)
Duration of course – 05 Years
Intake – 72
Eligibility – PCM/PCB in Intermediate
Tuition fees per Semester- Rs.20,000/-

2. Details of the faculty

i. **Prof. Rajesh Kumar,**
Professor & Co-Ordinator,
Specialization – Bioremediation of Hydrocarbon Contaminated sites
Qualifications – M.Sc.(Microbiology), Ph.D. – (Microbilogy).

3. Co-curricular/Extra-curricular/Sport Activates.

Cultural programs organized by n various occasions like Teachers Day, Welcome, and Farewell.

4. Visitors to the Department from inside the country (during 01.04.2022 to 31.03.2023).

i. **Prof R.M. Naik,** Ex-Professor, Department of Chemistry, Lucknow University, Lucknow, UP
ii. **Prof R.R. Yadav,** Professor, Department of Maths and Astronomy, Lucknow University, Lucknow, UP
iii. **Prof. O.P. Singh,** Professor, Department of Physics, Institute of Engineering and Technology (IET), Lucknow
iv. **Prof P. P. Gothwal,** Senior Principal Scientist and Head , Regional Station, Chinhat
    a. Central Food Technological Research Institute (CSIR-CFTRI) Lucknow.

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

Prof Rajesh Kumar

- **i.** 8 Life Member of the Association of Microbiologists of India. Membership No.1224-1998.
- **ii.** Life Member, Indian Science Congress, Membership No. L23732, Agriculture andForestrySciences.
- **iii.** Life Member, Asean PGPR Society, ICRISAT Patancheru, Hyderabad Honourary Member, Asean PGPR Society. Society for Applied and Basic Research, Meerut.
- **iv.** LifeMember, Microbiologists Society, India, Membership No LM-284, September 2019 (Rcpt No. 659).

5. Details of Books written /edited by faulty members.

- **i.** PChowdhary, NamitaKhanna, SoumyaPandit, **RajeshKumar**(Eds)(2022).Bio-CleanEnergyTechnologies:Volume1, Series TitleCleanEnergyProductionTechnologies,SpringerNature,SingaporePteLtd.2022.SeriesISSN2662-6861,pp 397.

8. Details of book Chapter in edited volume/ conference volume:-

a. MridulKumarMedhi,ShwetaAmbust,**RajeshKumar**,AmarJyotiDas.Characterizationandpurificationofbiosurfactant;AdvancementinBiosurfactantsResearch,2023,p.79-93Publisher: SpringerInternationalPublishing:https://doi.org/10.1007/978-3-031-21682-4_4.

b. AmarJyotiDas,RajeshKumarandAishwaryaPurohit(2022).OMICSSciencefordeciphering plant mycorrhizal symbiosis. In: Panneerselvam P, Mohapatra PK, Nayak AK, Mitra D, Velmourougane K and Santos-VillalobosS (Eds)ArbuscularMycorrhizal fungi: for nutrient , abiotic and abiotic stresses, management in Rice.CRCPress, Chapter19: 147-154. DOI: 10.1201/9781003354086-19.

15. Paper published during the year by the faculty members (during 01.04.2022 to 31.03.2023)

- **i.** BhartiS.,PaliyaB.,NayakaS.AndKumarRajesh(2023).Depositionof*Daldiniastarbaeckii*(ELF)functionalizedsilvernanoparticlesonUrinarycathetertubeusingchitosan polymer to prevent bacterial biofilms formation during UTI infection. Arch ofMicrobiol.205: 277.DOI:10.1007/s00203-023-03608-7. **.(IF:2.8)**
- **ii.** Ambust, Shweta, Amar Jyoti Das, Souvik Kumar Paul, Rajesh Kumar, and DebashishGhosh."Remediationanddetoxificationofoilcontaminatedmarineintertidalsitesthroughlipopeptide assisted washing strategy: An experimental and kinetic validation approach."Marine Pollution Bulletin 180 (2022): 113817.DOI: 10.1016/j.marpolbul.2022.113817.(IF: 7.001)
- **iii.** Ratna,S.AndKumar,R.,2022.ProductionofdirhamnolipidwithsimultaneousdistillerywastewaterdegradationanddetoxificationbynewlyisolatedPseudomonasaeruginosaSRRBL1. *Journal ofCleanerProduction*,p.130429 **(IF:9.732).**
- **iv.** Aniruddha Kumar, Asha Lata Singh, Rajesh Kumar and Prashant K. Singh (2022).Desulphurization of Dibenzothiophene by Different Bacterial Strains: An Eco-FriendlyApproachtoObtainCleanFuelfromCoal.Geomicrobiology39(6):1-10doi10.1080/01490451.2022.2035020
- **v.** Dig Vijay Singh, AK Upadhyay, **R Singh,** DP Singh (2022). Implication of municipal wastewater on growth kinetics, biochemical profile, and defense system of *Chlorella vulgaris* and *Scenedesmus vacuolatus*. Environmental Technology & Innovation 26. 102334
- **vi.** Dig Vijay Singh, AK Upadhyay, **R. Singh,** DP Singh (2022). Microalgal competence in urban wastewater management: phycoremediation and lipid productionInternational journal of phytoremediation 24. 831-841
- **vii.** Dig Vijay Singh, Atul Kumar Upadhyay, Ranjan Singh, DP Singh (2022). Persistent organic pollutants: Sources, impacts, and their remediation by microalgae, CRC Press.

16. Attended/ participated in conference/seminar/workshop inside country

- **i.** Sheel Ratna**, Rajesh Kumar**; "Isolation and screening of plant growth promoting-biosurfactant and Ligninolytic producing bacteria for bioremediation of distillerywastewater"at108thIndianScienceCongressheldon3rd-7thJanuary2023organizedinRashtrasantTukadojiMaharajNagpurUniversity,Nagpur.

ii. 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 RashtrasantTukadojiMaharajNagpurUniversity,Nagpur.

Students Achievements.

No. Of Students completed their Masters/ graduation/ Diploma	Masters In Basic Sciences	29
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

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, Immunetechnology 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 programcaters 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

2. Courses offered: -

i. M. Sc. Biotechnology
ii. Ph. D. Biotechnology
iii. M. Sc. Industrial Biotechnology (Self-Finance)
iv. M. Sc.Bioinformatics(Self-Finance).

3. Facilities available in the Department: -

i. M. Sc. Laboratory.
ii. Research Laboratory.
iii. Central Instrumentation Laboratory.
iv. Smart Classroom.
v. Departmental Library.

4. **Details of faculty: -**

i. Prof. SangeetaSaxena

a. Professor & Head, Biotechnology
b. **Specialization:** Plant Molecular Biology, Plant Virology, Molecular Markers, RNA
c. Interference, Medicinal plants in age related studies on*C.elegans*
d. **Qualifications:** M. Sc., M. Phil., Ph. D.

ii. Prof. Dinesh Raj Modi

a. Professor
b. **Specialization:** Microbial Technology and Bioremediation
c. **Qualifications:** M.Sc., Ph.D.

iii. Dr. G. Sunil Babu

a. Associate Professor
b. **Specialization:**Immunomodulation, Cancer Genetics, Host-pathogeninteraction at miRNA level, Bioinformatics
c. **Qualifications:** M.Sc., Ph.D.

iv. Dr. Monica Sharma

a. Assistant Professor
b. **Specialization**: Enzyme and Microbial Technology, Bioinformatics
c. **Qualifications:** M.Sc., Ph.D.

v. Dr. Yusuf Akhter

a. Assistant Professor
b. **Specialization:** Protein Structures; Drug discovery against bacterial andProtozoan pathogens
c. **Qualifications:** M.Sc., Ph.D.

vi. Dr. Ratika Srivastava

Specialization: Immunomodulation, Cancer Immunotherapy, Drug Discovery
Qualifications: M.Sc., Ph.D.

5. **Details of Seminar / Conference organized by the department:-**

Department of Biotechnology organized "World Immunology Day" on 29th April, 2022.

6. **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. Sushma Naithani, 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. Shashwat Sharad, Principal Research Officer, Rajeev Gandhi Cancer Institute and Research Centre, 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.

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

Cultural programs organized by students on various occasions like Teachers Day, Alumni Meet, Welcome, Farewell, ShramdaanDivas, Plantation drives etc.

8. Member/fellowship of professional/academic bodies/editorial board :-

i. Prof. Dinesh Raj Modi

a. Association of Microbiologists of India - Life Member
b. Biotech Research Society of India - Life Member

ii. Prof. SangeetaSaxena

Membership in Academic bodies

a. Chairperson , National Education policy (08.02.2023 onwards)
b. Member, Board of Management of BBAU (19.10.2022onwards)
c. External expert of the Board of Studies (SRMU, 10.09.2022onwards)

d. External expert of the Board of Studies (Integral University, 16.08.2022onwards)
e. Member, Planning Board of the BBAU (27.07.2022onwards)

Membership in Professional bodies:

a. Association for promotion of DNA fingerprinting and other DNA technologies (ADNAT) CCMB, Hyderabad.
b. Society of Biological Chemist (SBC), India.
c. Indian Society of Genetics & Plant Breeding.

iii. Dr. G. Sunil Babu

Membership in Professional bodies:

a. Life Member, Indian Immunology Society.
b. Life Member, The Society of Biological Chemists (SBC) India.
c. Life Member, The Cytometry Society of India.
d. Life Member, Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT).
e. Life Member, Indian Science Congress
f. Member-International Society for Advancement of Cytometry (ISAC -2015)
g. Annual Membership of European Society of Clinical Microbiology and Infectious Diseases (ECCMID) 2020

Academic bodies

a. Member Secretary, Institutional Ethics Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025.
b. Member Secretary, Institutional Biosafety Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025.

iv. Dr. Monica Sharma

a. Life time member of Association of Microbiologist of India (since 2005)
b. Life time member of OWSD (Organization for Women in Science for the Developing World) (2020).
c. Editor on topic Women in Extreme Microbiology: 2022*Frontiers* in *Extreme Microbiology*published by Frontiers Media, Switzerland
d. Guest Associate Editor *Frontiers* in *Extreme Microbiology*published by Frontiers Media, Switzerland (since 2022)
e. Guest Associate Editor in *Frontiers in Microbiotechnology* published by Frontiers Media, Switzerland (since 2022)
f. Review Editor*Frontiers*in Microbiotechnologypublished by Frontiers Media, Switzerland (since 2020)

v. Dr. Yusuf Akhter

a. Editor-in-Chief, Archives of Microbiology, published by Springer-Nature, Berlin (2023).
b. Associate Editor, Frontiers in Genetics (Bioinformatics and ComputationalBiology) published by Frontiers Media, Switzerland (since 2018)
c. Associate Editor, BMC Genomics published by BioMed Central, UnitedKingdom (since 2018)
d. Associate Editor, BMC Microbiology published by BioMed Central, UnitedKingdom (since 2016)
e. Member, Editorial Board, Archives of Microbiology published by Springer(since 2016)
f. Member, Editorial Board, Cogent Biology published by Taylor &Francis(since 2016)
g. Member, Editorial Board, Protein and Peptide Letters published byBentham Science Publishers (since 2016)
h. Review Editor in the Editorial Board of Frontiers in Microbiology, Frontiersin Medicine and Frontiers in Public Health (since 2016)
i. Life Member, Society of Biological Chemists, India, (since 2013)

vi. Dr. Ratika Srivastava

a. Life Member Indian Immunology Society
b. Life Member of Indian Pharmacology Society

9. Details of Book written/edited by faculty members :-

i. Book titled "The Application of Gene Cloning and DNA Analysis:An Introduction. Part III (2022)". Edited by **Monica Sharma and Sangeeta Saxena.**Published by Wiley India, pp 301-408.

10. Paper published during the year by the faculty members :-

i. Jyoti Verma, Sangeeta Pandey, Chitranjan Kumar &**Sangeeta Saxena** (2022) A Detergent-Compatible Alkaline Metalloprotease from Bacillus pseudofirmus BBAU-19: Characterization and Application, Journal of Proceedings of the National Academy of Sciences, India Section B: Biological Sciences, ISSN 0369-8211 (Impact factor 1.793)

ii. Jasvinder Kaur, Vandana Anand, Sonal Srivastava, Vidisha Bist, Mariya Naseem, Pallavi Singh, Vartika Gupta, Poonam C. Singh, **Sangeeta Saxena**, Saraswati Bisht, Pankaj Kumar Srivastava, Suchi Srivastava (2022), Mitigation of arsenic toxicity in rice by the co-inoculation of arsenate reducer yeast with multifunctional arsenite oxidizing bacteria, Journal of Environmental Pollution, ISSN 1873-6424 (Impact factor 9.988)

iii. Anamta Rizvi, Monica Sharma and **Sangeeta Saxena** (2022). Microgreens: A Next GenerationNutraceutical for Multiple Disease Management and Health Promotions. Journal of Genetic Resources and Crop Evolution ISSN 0925-9864 (Impact factor 1.87)

iv. Saurabh Verma, Priyanka, Yusuf Akhter and **Sangeeta Saxena**. (2022). A novel protocol to identify the siRNA hotspots for creating RNAi-based Begomovirus resistance. Briefings in Functional Genomics. ISSN 2041-2649 (Impact factor: 4.8)

v. Sumit K. Soni, Manoj Kumar Mishra, Maneesh Mishra, Swati Kumari, **Sangeeta Saxena**, Virendra Shukla, Sudeep Tiwari and Pramod Shirke (2022). Papaya Leaf Curl Virus (PaLCuV) Infection on Papaya (Carica papaya L.) Plants Alters Anatomical and Physiological Properties and Reduces Bioactive Components. Plants, 11, 579. (Impact Factor: 4.658)

vi. Abhishek Pandeya, Raj Kumar Khalko, Anup Mishra, Nishant Singh, Sukhveer Singh, Sudipta Saha, Sanjay Yadav, **Sangeeta Saxena**, and Sunil Babu Gosipatala (2022) Human Cytomegalovirus miR-UL70-3p Downregulates the H2O2-Induced Apoptosis by Targeting the Modulator of Apoptosis-1 (MOAP1). International Journal of Molecular Sciences; 23(1):18; 1-14. ISSN: 1422-0067(Impact Factor: 6.208).

vii. Pandeya A, Khalko RK, Singh S, Kumar M, **Gosipatala SB** (2022). Hcmv miR-UL148D regulates the Staurosporin induced Apoptosis by targeting the endoplasmic reticulum to nucleus signalling-1 (ERN1). PLOS one 17(9), e0275072; **IF.3.752**

viii. Pranesh Kumar, Mohit Kumar, Anurag Kumar Gautam, Archana Bharti Sonkar, Abhishek Verma, Amita Singh, RaquibunNisha, Umesh Kumar, Dinesh Kumar, TarunMahata, Bolay Bhattacharya, BiswanathMaity, Abhishek Pandeya, **Sunil Babu Gosipatala** and SudiptaSaha (2022). Ameliorative effect of fluvoxamine against colon carcinogenesis via COX-2 blockade with oxidative and metabolic stress reduction at the cellular, molecular and metabolic levels. BBA advances 2(2022) 100046. https://doi.org/10.1016/j.bbadv.2022.100046. **IF.3.337**

ix. Pandeya A, Khalko RK, Mishra A, Singh N, Singh S, Saha S, Yadav S, Saxena S, **Gosipatala SB**. Human Cytomegalovirus miR-UL70-3p Downregulates the H_2O_2-Induced Apoptosis by Targeting the Modulator of Apoptosis-1 (MOAP1). *International Journal of Molecular Sciences*. 2022; 23(1):18. https://doi.org/10.3390/ijms23010018. **IF.6.208**

x. Garima Chauhan, Vikas Kumar, Meghna Arya, Asha Kumari, Akriti Srivastava, Prashansa Khanna and **Monica Sharma** (2023) Mining of Thermostable Alpha-amylase Gene from Geothermal Springs using a Metagenomics Approach. Journal of Pure and Applied Microbiology , **Volume** 17: 362-370 DOI: https://doi.org/10.22207/JPAM.17.1.26

xi. Anamta Rizvi, **Monica Sharma** and Sangeeta Saxena (2022) Microgreens: A Next Generation Nutraceutical for Multiple Disease Management and Health Promotions. Journal of Genetic Resources and Crop Evolution ISSN 0925-9864 (Impact factor 1.87).

xii. Meghna Arya, Garima Chauhan and **Monica Sharma** (2022) Isolation and Screening of Cellulose Metabolizing Enzymes from the Geothermal Springs of India. Proceedings - Conference on "Role of Science and Technology in Environmental Conservation and Sustainable Development, 23-24 Sept 2022 **Pages** 64-77, *ISBN: 978-93-5759-990-0,* Approved by Ministry of Education, Government of India.

xiii. Sabahat Yasmeen Sheikh, Waseem Ahmad Ansari, Firoj Hassan, Mohammad Faheem Khan, , Syed Shah Mohammed Faiyaz, **Yusuf Akhter**, Abdul Rahman Khan and Malik Nasibullah (2023). Drug Repurposing Against Phosphomannomutase for the Treatment of Cutaneous Leishmaniasis. Orient J Chem 2023;39(1). Available from: https://bit.ly/3QYmBvU

xiv. Ahmad Firoz a, Adeel Malik, Hani Mohammed Ali, **Yusuf Akhter**, Balachandran Manavalan, Chang-Bae Kim (2023). PRR-HyPred: A two-layer hybrid framework to predict pattern recognition receptors and their families by employing sequence encoded optimal features. Int J BiolMacromol. 2023 Feb 9:123622. doi: 10.1016/j.ijbiomac.2023.123622.

xv. Tabrez Faruqui, Mohd Sajid Khan, **Yusuf Akhter**, Salman Khan, Zeeshan Rafi, Mohd Saeed, Ihn Han, Eun-Ha Choi, Dharmendra Kumar Yadav (2022). Inhibitors for Targeted Therapy of Cancer: A Comprehensive Review. Int J Mol Sci. DOI: 10.3390/ijms24010266.

xvi. Tabrez Faruqui, Garima Singh, Salman Khan, Mohd Sajid Khan**, Yusuf Akhter*** (2022). Differential gene expression analysis of RAGE-S100A6 complex for target selection and the design of novel inhibitors for anticancer drug discovery. J Cell Biochem. DOI: 10.1002/jcb.30356.

xvii. Iqbal Azad, Pragya Anand, Amit Kumar Dwivedi, Sudipta Saha, **Yusuf Akhter*** (2023). Analyzing Indole-fused benzooxazepines as inhibitors of apoptosis pathwayrelated proteins using multifaceted computational medicinal chemistry. Journal of Molecular Structure. DOI: 10.1016/j.molstruc.2022.134541.

xviii. Saurabh Verma, Priyanka, **Yusuf Akhter*,** Sangeeta Saxena* (2022). A novel protocol to identify the siRNA hotspots for creating RNAi-based Begomovirus resistance. Briefings in Functional Genomics, DOI:10.1093/bfgp/elac042

xix. Munawwar Karim, Garima Singh, Shweta Thakur, Aarti Rana, Abdur Rub, **Yusuf Akhter*** (2022). Evaluating complete surface-associated and secretory proteome of Leishmania donovani for discovering novel vaccines and diagnostic targets. 3 Arch Microbiol. 2022 Sep 7; 204(10):604. doi: 10.1007/s00203-022-03219-8.

xx. Subhash Kumar Yadav, Vinit Kumar, **Yusuf Akhter* (**2022). Modeling Global COVID-19 Dissemination Data After the Emergence of Omicron Variant Using Multipronged Approaches. CurrMicrobiol. 2022 Aug 10;79(9):286. DOI: 10.1007/s00284-022-02985-4.

xxi. Sultan F Alnomasy, Bader S Alotaibi, Ziyad M Aldosari, Ahmed H Mujamammi, Ahmad Alzamami, Pragya Anand, **Yusuf Akhter**, Farhan R Khan, Mohammad R Hasan (2022). Molecular interactions of Zyesami with the SARS-CoV-2 nsp10/nsp16 protein complex. Comb Chem High Throughput Screen. 2022 Aug 16. DOI: 10.2174/1386207325666220816141028.

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xxiii. Sahil Mahfooz, Gauri Shankar, Jitendra Narayan, Pallavi Singh, **Yusuf Akhter*** (2022). Simple sequence repeat insertion induced stability and potential 'gain of function' in the proteins of extremophilic bacteria. Extremophiles. DOI: 10.1007/s00792-022-01265-0.

xxiv. Manash C. Das, Sourabh Samaddar, Junaid Jibran Jawed, Chinmoy Ghosh, ShukdebAcharjee, Padmani Sandhu, Antu Das, Akshay Vishnu Daware, Utpal C. De, Subrata Majumdar, Sujoy K. Das Gupta, **Yusuf Akhter,** Surajit Bhattacharjee (2022). Vitexin alters Staphylococcus aureus

surface hydrophobicity to obstruct biofilm formation. Microbiol Res. DOI: 10.1016/j.micres.2022.127126.

xxv. Aadil Qadir Bhat, Mir Owais Ayaz, Razak Hussain, Mohmmad Saleem Dar, Md Mehedi Hossain, Farheen Showket, Mohd Saleem Dar, **Yusuf Akhter**, Mohd Jamal Dar (2022). Identification of a stretch of four discontinuous amino acids involved in regulating kinase activity of IGF1R. J Cell Sci. 2022 Jul 1;135(13):jcs2600

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xxviii. Sabahat Yasmeen Sheikh, Firoj Hassan, Mohammad Faheem Khan, **Yusuf Akhter**, Malik Nasibullah (2022). Drug Repurposing to Discover Novel Anti-Inflammatory Agents Inhibiting JAK3/STAT Signaling. Russ J Bioorg Chem 48, 958–975 (2022). DOI: 10.1134/S106816202205020X

xxix. Sahil Mahfooz, Pallavi Singh, **Yusuf Akhter** (2022). Comparative study of microsatellites among crocodiles and development of genomic resources for the critically endangered Indian gharial. Genetica 150, 67–75 (2022). DOI: 10.1007/s10709-021-00148-0

xxx. Patel YP, Pandey SN, Patel SB, Parikh A, Soni S, Shete N, **Srivastava R**, Raval MA, Ganpule AP, Patel SG, Desai MR. Haplotype of CaSR gene is associated with risk of renal stone disease in West Indian population. **Urolithiasis**. 2022 Dec 31;51(1):25. doi: 10.1007/s00240-022-01394-3. PMID: 36585523. [IF-3.1]

xxxi. Khan H, Pandey SN, Mishra A, **Srivastava R**. Suppression of TLR signaling by IRAK-1 and -4 dual inhibitor decreases TPF-resistance-induced pro-oncogenic effects in HNSCC. **3 Biotech**. 2023 Jan;13(1):14. doi: 10.1007/s13205-022-03420-y. Epub 2022 Dec 17. PMID: 36540413; PMCID: PMC9759608. [IF-2.8]

xxxii. Patel YP, Patel SG, Patel SB, Parikh A, Soni S, **Srivastava R**, Raval C, Raval MA, Nand Pandey S, Ganpule AP, Desai MR. SPP1 and UMOD gene variants are synergistically associated with risk of renal stone disease. **Gene.** 2023 May 5;863:147264. doi: 10.1016/j.gene.2023.147264. Epub 2023 Feb 16. PMID: 36804854. [IF-3.9]

xxxiii. Khan, Hand**Srivastava R**. "IRAK-1 &-4 dual inhibitor mediated BST-2 suppression: anovel therapeutic approach towards head and neck squamous cell carcinoma. *International Journal of Biology, Pharmacy and Allied Sciences* 1, no. 6 (2023): 2869-288.

11. Attended/Participated in conference/seminar/workshop inside Country ;–

i. **Prof. Sangeeta Saxena**ChairedInternational conference on "**ADVANCES IN CANCER BIOLOGY, PREVENTION AND THERAPY" ICACBPT-2022** (**May 24- 25 2022**) organized by Faculty of Biotechnology (FoBT) and Faculty of Biosciences (FoBS), Institute of Biosciences and Technology (IBST), Shri Ramswaroop Memorial University (SRMU), Lucknow.

ii. **Dr. Sunil Babu Gosipatala,** Attended the International Conference on Advances in cancer Biology, Prevention and Therapy (ICACBPT-2022) organized by Shri Ramswaroop Memorial University, Lucknow during 24th& 25th May 2022.

iii. **Dr. Sunil Babu Gosipatala,**Attended the "**Xth International Conference of Indian Biomedical Sciences (IABS**) on "Recent trends in Biomedical research: Current challenges & future prospects" jointly organized by KGMC, Lucknow and ERA University Lucknow during 7-8th May 2022.

iv. **Dr. Sunil Babu Gosipatala**, Attended 49th Annual Conference of Indian Immunology Society (Immunocon-2022) and delivered a talk on "Regulatory roles of HCMV miRNA's on Cellular

apoptosis" held during 23rd – 26th Nov 2022, organized by Departments of Translational & regenerative Medicine and Immunopathology, PGIMER, Chandigarh.

v. **Dr. Sunil Babu Gosipatala**, Attended National symposium on "Stem cell and cellular therapy in Human diseases" held on 18th Nov 2022, organized by Stem cell research centre, Department of Hematology, SGPGIMS, Lucknow.

vi. **Dr. Ratika Srivastava,** Attended the 48th Annual Conference of Indian Immunology Society (IIS) (Virtual) on IRAK-1 &-4 dual inhibitor mediated BST-2 suppression: a novel therapeutic approach to overcome chemo-resistance in HNSCC organized by Institute of Science Banaras Hindu University (BHU), Varanasi, UP. during 8– 9 July 2022.

vii. **Dr. Ratika Srivastava,** Attended the**.** 48th Annual Conference of Indian Immunology Society (IIS) (Virtual)on CD16+ Neutrophils: An Immuno-suppressive pro-oncogenic lineage in smokeless tobacco (SLT) consumers organized by Institute of Science, Banaras Hindu University (BHU), Varanasi, UP.during8 – 9 July 2022.

viii. **Dr. Ratika Srivastava,** Attended the 48th Annual Conference of Indian Immunology Society (IIS) (Virtual) on Exploring cell-free mitochondria as a potential biomarker of Lupus Nephritis.organized by Institute of Science, Banaras Hindu University (BHU), Varanasi, UP. during 8 – 9 July 2022.

ix. **Dr. Ratika Srivastava,** Attended the48th Annual Conference of Indian Immunology Society (IIS) (Virtual) onType I Interferon signalling: a probable pathway responsible for gender bias in SLE organized byInstitute of Science, Banaras Hindu University (BHU), Varanasi, UP. during8 – 9 July 2022.

x. **Dr. Ratika Srivastava,** Attended theNational Symposium onStem Cell & Cellular Therapy in Human Disease. onBST-2: A Novel Biomarker of Stemness & A Potential Drug Target For Head and Neck Squamous Cell Carcinoma. organized by Dept. of Hematology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, UP. during November 18th, 2022.

xi. **Dr. Ratika Srivastava,** Attended the 49th Annual Conference of Indian Immunology Society, IMMUNOCON onBone marrow stromal antigen 2 (BST-2): A novel immunomodulatory drug target for Systemic Lupus Nephritis.organized by Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh, Punjab. during 23rd-26th Nov, 2022.

xii. **Dr. Ratika Srivastava,** Attended the. 24th INDO-US Flow Cytometry Workshops,onExploring cell-free mitochondria as a potential non-invasive biomarker of Lupus Nephritis.organized by GBRC-Gandhinager, IIT-Gandhinagar, NIPER-Ahmedabad during1st - 7th February, 2023.

xiii. **Dr. Ratika Srivastava,** AttendedtheInternational Conference on Celebrating Proteins on the Birth Centenary of Dr. G. N. Ramachandran (CPBCR) on Bone marrow stromal antigen 2 (BST-2): A novel immunomodulatory drug target for Systemic Lupus Nephritis.organized by M.S.U. Baroda, Vadodara, Gujarat.during3rd - 4th March, 2023.

12. Details of invited lectures inside country:-

i. **Prof. Sangeeta Saxena** delivered an invited lecture on **"Genetically Modified Food Crops and their Ethical Concerns"**for enhancing the professional competence of University and College teachers in the online Refresher Course (RC) on Bioscience & Biotechnology **(**8-10 October 2022) organized by UGC HRDC, Jodhpur.

ii. **Prof. Sangeeta Saxena** delivered an invited lecture on "**Bioactivity of *Carica papaya* Leaves Extract For Increased Life-expectancy and Delayed Aging" and chaired conference in an International conference on modernization of traditional Indian medicine: An industrial perspective** organised by Patanjali Research Institute, IndiaHaridwar in association with Society for Conservation and Resource Development of Medicinal Plants (1-4 August 2022).

iii. **Prof. Sangeeta Saxena**delivered an invited Lecture **on "Genetically modified food crops and social concerns"** dated 21 April 2022 by DST, Ministry of Science and Technology in

Vigyan Utsav a part of Azaadi ka Amrit Mahotsav Science for Society at UPCST Lucknow. https://youtu.be/l1l-aAJXZwg

iv. **Dr. Monica Sharma** delivered an invited lecture on "Basic Laboratory Techniques and hands on training" as a Resource person during Laboratory Training Program to Laboratory Attendants of the University

v. **Dr. G. Sunil Babu,** delivered a talk on **"Biosafety: Basic requirements of laboratory**" at National Bureau of Fish Genetic Resources (ICAR-NBFGR) Lucknow on 28th Mar 2023.

vi. **Dr. G. Sunil Babu,**delivered a talk on "HCMV miRNA's role Endoplasmic reticulum stress induced apoptosis" in the National conference on "Emerging Trends in Biological Sciences "organized by the department of Biochemistry, Dr. Ram Manohar LohiaAwadh University, Ayodhya held during 27th & 28th Jan 2023.

vii. **Dr. G. Sunil Babu,**delivered a talk on " **HCMV miRNA's role on Cellular apoptosis**" in the 6th Annual meeting of International association of Zoologists and 3rd International conference on recent trends in Life Sciences and Biotechnology on held during 12th – 14th Dec 2022, organized by International association of Zoologists(IAZ) & Siddhi Artha Group of Education (SAGE) collaboration with Department of Biotechnology, M.M. Engineering college, Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala (Haryana), India, Sharda Institute of Science Technology education & research (SISTER).

viii. **Dr. G. Sunil Babu,**delivered a talk on "Regulatory roles of HCMV miRNA's on Cellular apoptosis" in the 49th Annual Conference of Indian Immunology Society (Immunocon-2022) and delivered a talk on held during 23rd – 26th Nov 2022, organized by Departments of Translational & regenerative Medicine and Immunopathology, PGIMER, Chandigarh.

ix. **Dr. G. Sunil Babu,** delivered expert talk on " **Techniques related to the functional validation of miRNA**", in the DST-STUTI programme jointly organized by Punjab University, Chandigarh and Shoolini University, Solan, Himachal Pradesh during 23rd to 27th July 2022

x. **Dr. G. Sunil Babu,**delivered an invited talk on " **Role of HCMV miR-UL 148D on ER-stress induced apoptosis**", in the International Conference on Advances in cancer Biology, Prevention and Therapy (ICACBPT-2022) organized by Shri Ramswaroop Memorial University, Lucknow during 24th& 25th May 2022.

xi. **Dr. G. Sunil Babu,**delivered an invited talk on "**HCMV miRNAs role in evading the innate antiviral mechanisms such as apoptosis and autophagy**", in Xth International Conference of Indian Biomedical Sciences (IABS) on "Recent trends in Biomedical research: Current challenges & future prospects" jointly organized by KGMC, Lucknow and ERA University Lucknow during 7-8th May 2022.

xii. **Dr. Yusuf Akhtar,**delivered an invited lecture entitled "Current trends in drug discovery against COVID-19 ". This International Conference on " Post COVID Trends of Biological Sciences towards Research, Therapeutic, Innovation and Entrepreneurship", organized by the Dept. of Zoology and Biotechnology of Sri Sathya Sai College for Women, Bhopal, MP, India during 11th to 12th of November 2022.

xiii. **Dr. Yusuf Akhtar,**delivered an invited lecture entitled "Antimicrobial Resistance through drug efflux: molecular evolution to molecular mechanisms" in the Lecture Series cum Awareness Program on Antimicrobial Resistance ", organized by the GURU GHASIDAS VISHWAVIDYALAYA Bilaspur, CG, India during 18th to 24th of November 2022.

12. Details of Research Projects (Major and Minor) :-02

S. No.	Title ofProjects	FundingAgency	Duration (Specific Dates)	Totalgrant (Lakh)	Role PI/CO-PI)
i.	Examining the regulatory role(s) of HCMV miRNAs on proapoptotic genes"	UP-CST	30thAug 2022 to 29thAug2025	**6L**	**P.I**
ii.	"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**

13. Details of Patents Filled/Award :01, National

S. No.	Name of the Authors	Title	Year	Application no/ Patent no	International/ National	Status
i.	Dr. Amit Keshari, Dr.SudiptaSaha, **Dr.Gosipatala Sunil Babu**, Dr.BiswanathMaity, and Mr. Anurag Gautam	Process for preparing indeno [1,2-d]thiazolo[3,2-a]pyrimidine containing nitrogen-bridgehead.	2022	405884	National	Awarded

15.Student achievements: –

i. Accomplishment of the students.

Number of Students completed their Master/Graduation/ Diploma	M. Sc Biotechnology	35
Number of students pursuing higher studies	Enrolled in Ph. D	02
Number of Student selected placed through campus interview		05
Number of student awarded SLET/NET/ JRF other fellowship	GATE	11
	UGC NET	01
	CSIR JRF	01

ii. Ph.D. Awarded during the year. : -

S. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
i.	Abhishek Pandeya	Dr. G. Sunil Babu	Dr. Sanjay Yadav	"Investigations on the HCMV miRNA's role on cellular Apoptosis."	ICMR-SRF

iii. Ph.D. Student's Pursuing:

S. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
i.	Mr. Raj Kumar Khalko	Prof. Sangeeta Saxena	Dr. G. Sunil Babu	Identification and functional analysis of anti-autophagic HCMV miRNAs.	N.A.
ii.	Ms. Garima Chauhan	Dr. Monica Sharma		Bioprospecting of Hot Springs of India for Thermophilic Xylanases Using Metagenomics Approach	UGC-SRF
iii.	Ms. Meghna Arya	Dr. Monica Sharma		Investigational Analysis of the Geothermal Springs of India for Cellulose Degrading Enzymes	UGC Non-NET
iv.	Mr. Sailendra Kumar	Prof. Sangeeta Saxena		"*Caenorhabditis elegans* as a model organism to evaluate the	UGC Non-NET

				anti-aging potential of *in silico* screened phytochemicals present in papaya fruit extracts"	
v.	Ms. Shubhangi Chaturvedi	Prof. D. R. Modi		Genetic variants and their effect against anti-diabetic drugs in T2DM.	UGC Non-NET
vi.	Ms. Anamta Rizvi	Prof. Sangeeta Saxena		"Role of Microgreens as Nutraceuticals Against Neurodegeneration using *Caenorhabditis elegans* as a Model"	DST INSPIRE
vii.	Ms. Shivangi Singh	Prof. D. R. Modi		Anti-inflammatory Cytokine gene polymorphism associated with Type 2 diabetes.	UGC Non-NET
viii.	Ms. Garima Singh	Dr. Yusuf Akhter		Studies on MFS proteins from Mycobacterium species.	UGC Non-NET
ix.	Ms. Asha Kumari	Dr. Monica Sharma		Weeds as potential source of Hydroxynitrile Lyase: Isolation, Characterization and Purification	UGC-SRF
x.	Ms. Priyanka	Prof. Sangeeta Saxena		"Studies on Diversity of Begomoviruses Causing Leaf Curl Disease in Papaya and Its Effective Management using RNAi"	CSIR-SRF
xi.	Ms. Arti Priadarshini	Dr. G. Sunil Babu		Studies on the regulatory role(s) of HCMV miRNA's on proapoptotic genes.	UGC Non-NET
xii.	Ms. Pooja	Prof. D. R. Modi		GENETIC VARIATION OF WNT SIGNALLING PATHWAY AND ITS ASSOCIATION IN THE PROGRESSION OF TYPE 2 DIABETES MELLITUS.	UGC Non-NET
xiii.	Ms. Loveleen Kaur	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
xiv.	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
xv.	Ms. Pragya Anand	Dr. Yusuf Akhter		Studies on electron transport chain complexes of mycobacteria	UGC Non-NET
xvi.	Mr. Viral Kumar Tiwari	Dr. Monica Sharma		Pre-Ph. D course work going on	DST INSPIRE
xvii.	Ms. Deepti Dhusia	Prof. D. R. Modi		Pre-Ph. D course work going on	UGC Non-NET
xviii.	Mr. Ankit Kumar	Prof. Sangeeta Saxena		Pre-Ph. D course work going on	UGC Non-NET

xix.	Ms. Jiya Jayant	Dr. G. Sunil Babu		Pre-Ph. D course work going on	UGC Non-NET
xx.	Mr. Chandra Nath Hansda	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
i.	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**)**
ii.	Dr. Shilpi Yadav	Prof. Sangeeta Saxena	Molecularcharacterization of exogenousmiRNAs from *Withaniasomnifera* and itsrole in regulation of Alzheimer's disease (AD) using *C. elegans* as a model.	ResearchAssociate-I (ICMR)(09.12.2022 to 08.12.2025)
iii.	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)
iv.	Dr. Madhu Yadav	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
v.	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

vi. Faculty wise supervision of the M.Sc. Student/ Dissertation submission/degree awarded :-

- **Prof. Sangeeta Saxena**
  i. Akansha Tanwar, (2023).**Cherry-Tomato Farming Through Hydroponics Using Different Nutrient Media.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Ayushi Rawat, (2023).**Virtual Screening of *WithaniaSomnifera* Phytocompounds Against Insulin/Insulin-Like Growth Factor-1 Signaling Pathway Involving SGK-1 Protein.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Komal Sharma, (2023).**Hazardous Chemical Free Gentle and Natural Compound Based Innovative Mosquito Trap Designed for Urban Household.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iv. Madhurima Yadav, (2023).**Vertical Hydroponics - Sustainable Soilless Farming and Revolution In Agriculture.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  v. Md Tanveer Anwar, (2023). **A Study on The Control of Geminivirus Infection in Different Crops By Controlling The White Flies With A Multiplex Lure Trap.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vi. Neha Kumari, (2023). **Production of Disease Free Papaya Through Meristem Culture.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vii. Preeti Bansal, (2023). **Lettuce Grown in Horizontal Hydroponics System.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  viii. Sumaiya Tabassum, (2023). **Tissue culture:ABoostto Papaya Production.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

- **Prof. D.R. Modi**
  i. Km.Nandnni, (2023). Biodegradation of xenobiotics using microbial species. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Niliyansh Bharti (2023).Isolation and identification of herbicide resistant bacteria from the treated agricultural land. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Osama Shadab (2023). Clinical and molecular investigation of IL-10 in Type 2 Diabetes Mellitus. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iv. Sneha Ranjan (2023). TCF7L2 gene polymorphism and it's role in type 2 diabetes mellitus. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  v. Tanya Prakash (2023). Toxicity of pesticide 2,4 D on Escherichia coli. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
- **Dr. Sunil Babu Gosipatala:**
  i. Akshita Singh (2023). **Identification of miRNA like Sequences from Monkeypox Virus Genome.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Durga Bahadur Mizor (2023**). Characterization of apoptotic nuclei in HEK293T using confocal microscopy.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Nancy Soni (2023). **3'UTR of MAVS gene cloning from HEK293t cells**. Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iv. Nikku Yadav (2023). **Identification of miRNA like sequences from SARS Cov 2 genome.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  v. Priyanka (2023). **Ovarian Cancer.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vi. Ritusree Paul (2023). **" 3'UTR OF ERN1 GENE CLONING FROM HUMAN BLOOD ".** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Dr. Monica Sharma :-

  i. Alok Kumar, (2023). **Protein Purification studies on thermophilic cellulose.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Anubha Sharma (2023). **Bioprospecting of novel industrial enzymes activity of microflora in the trans Himalyan region of Lahaul and Spiti.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Ayushi Chourasiya (2023). **Studies on plastic and polyethylene terephthalate (PET) degrading microbes and their enzymes isolated from municipal waste center, Lucknow.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iv. Gaurav Kumar (2023). **Screening of weed/ornamental plants for Hydroxynitrile lyase Activity and Its Characterization.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  v. Ghulam Abass (2023). **Cloning and heterologous expression of thermophilic amidase.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vi. Nandini Sharma (2023). **Microbiome Analysis of Soil Sample of Himachal Pradesh using metagenomics approach and Screening for Protease Activity.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vii. Nivedita Bisht (2023). **Isolation, cloning and heterologous expression of thermostable xylanase form Tapovan Hot spring using metagenome approach.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

- **Dr. Yusuf Akhtar :-**
  i. Aditya Swaroop Chaudhary(2023).**"Optimization of coarse-grained molecular dynamics simulation system for MFS efflux pumps in Mycobacterium tuberculosis".**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Lal Isha Ramratan(2023).**Study of ferric siderophore transporter IrtAB from mycobacterium tuberculosis.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Omkar Dubey(2023).**A study on type 2 NADH Dehydrogenase (Ndh and Ndh A) of Microbacteriumtuberculosis.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

iv. Varsha(2023).**Mechanistic study of periplasmic binding protein of FecB from Mycobacterium tuberculosis.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

- **Dr. Ratika Srivastava :-**
  i. Sakshi Rai, (2023).**Role of AKT proteins in oral cancer. Single Nucleotide Polymorphisms associated with Autoimmune Regulator (AIRE) gene inautoimmunitydiseases.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  ii. Himanshi Chauhan, (2023).**Single Nucleotide Polymorphisms associated with Autoimmune Regulator (AIRE) gene inautoimmunitydiseases.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iii. Varnita Mishra, 2023.**Gender Difference in Antibody Production.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  iv. YuktaSagar, (2023).**BST2 Protein: Potential Drug Target in Oral Cancer.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  v. Ashwani Kumar, (2023).**Difference in Immune response and its relation with altered disease incidences in Male Vs. Females.**Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh
  vi. Rinku Dhanuk, (2023).**Mitochondria based biomarkers in diseases.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

16.Any other special achievement recorded by the students: -

i. **Mr. Raj Kumar Khalko** awarded best poster award in 49th Annual Conference of Indian Immunology Society (Immunocon-2022)
ii. **Mr. Viral Kumar Tiwari** awarded INSPIRE Fellowship to the Research Student (DST/INSPIRE Fellowship/IF210482) for 5 years to pursue doctoral research by Department of Science and Technology, Govt of India.
iii. **Ms. Meghna Arya** research paper selected for full length paper in the Proceedings of Conference on "Role of Science and Technology in Environmental Conservation and Sustainable Development.
iv. Ph.D. students of**Dr. Ratika Srivastava awarded "3rd prize"** in poster presentation at 24th INDO-US Flow Cytometry Workshops, 1st - 7th February, 2023 jointly organized by GBRC-Gandhinager, IIT-Gandhinagar, NIPER-Ahmedabad.

17.Google profile of the faculty members, if available –

- **Prof. Sangeeta Saxena :-**

	ll	nce 2016
itation	**136**	**52**
index	**)**	**3**
0-index	l	**5**

- **Prof. D.R. Modi :-**

	ll	nce 2016
itation	**475**	**14**
index	**3**	**3**
0-index	**2**	**2**

- **Dr. G. Sunil Babu:-**

	ll	nce 2016
itation	**)3**	**51**
index	**2**	**)**
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- **Dr. Monica Sharma :-**

	ll	nce 2016
itation	**57**	**13**
index	**3**	1
0-index	**5**	**2**

- **Dr. Yusuf Akhtar:-**

	ll	nce 2016
itation	**423**	**780**
index	**8**	**4**
0-index	**5**	**5**

- **Dr. Ratika Srivastava :-**

	ll	nce 2016
itation	**01**	**14**
index	**2**	**0**
0-index	**3**	1

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. Life Sciences 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 Conservation Biology.

2. Courses Offered:

i. Ph. D. Zoology
ii. M. Sc. Zoology
iii. M. Sc. Life Sciences
iv. B.Sc. Life Sciences

3. Facilities available in the department:

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.

4. Details of Faculty:

i) Name	**:**	**Prof. Kamal Jaiswal**
Designation	**:**	Professor
Qualification	**:**	M.Sc., Ph. D., F.Z.S.I., F.S.L.Sc.
Specialization	**:**	Animal Science, Zoology, Parasitology, Sericulture, Silkworm Pathology, Silkworm Rearing, Silk Reeling
Teaching Experience	**:**	27 Years
Research Experience	**:**	28 Years
Mobile No.	**:**	+91-9415109611
Email ID	**:**	drkamaljaiswal@gmail.com
ii) Name	**:**	**Prof. V. Elangovan**
Designation	**:**	Professor & Head
Qualification	**:**	Ph.D.
Specialization	**:**	Animal Behaviour
Teaching Experience	**:**	19 Years
Research Experience	**:**	22 Years
Mobile No.	**:**	+91-9235565647
Email ID	**:**	elango70@yahoo.com
iii) Name	**:**	**Prof. Venkatesh Kumar R.**
Designation	**:**	Professor
Qualification	**:**	M.Sc. Ph.D.

Specialization	**:**	Sericulture, Entomology & Natural Product Research
Teaching Experience	**:**	18 Years
Research Experience	**:**	18 Years
Mobile No.	**:**	+91-9838616937
Email ID	**:**	drvenkateshkumarr@gmail.com

iv) Name	**:**	**Prof. Suman Mishra**
Designation	**:**	Professor
Qualification	**:**	Ph. D. (Zoology)
Specialization	**:**	Parasitology
Teaching Experience	**:**	17 Years
Research Experience	**:**	22 Years
Mobile No.	**:**	+91-9450413971
Email ID	**:**	drsumanmishra@gmail.com

v) Name	**:**	**Prof. Abha Mishra**
Designation	**:**	Professor
Qualification	**:**	Ph.D.
Specialization	**:**	Fish and Fisheries
Teaching Experience	**:**	17 Years
Research Experience	**:**	22 Years
Mobile No.	**:**	+91-9450710387
Email ID	**:**	drabhamishra@gmail.com

vi) Name	**:**	**Dr. Sandhya**
Designation	**:**	Assistant Professor
Qualification	**:**	Ph.D. (Zoology)
Specialization	**:**	Fish Biology
Teaching Experience	**:**	08 Years
Research Experience	**:**	Dr. D.S. Kothari Postdoctoral Fellowship (8 months),
Mobile No.	**:**	+91-9305008071
Email ID	**:**	sandhyafdp@gmail.com; drsandhya@bbau.ac.in

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
Teaching Experience	**:**	15 Years
Research Experience	**:**	16 Years
Mobile No.	**:**	+91-8528794158
Email ID	**:**	neeshversity@gmail.com; neeshma@email.bbau.ac.in

5. Other departmental level Academic Activities:

i) Public/Community Outreach Program: an *Awareness Program on "Soil-Transmitted Helminths"*was organized by the Parasitology & Silkworm Pathology Laboratory (Prof. Kamal Jaiswal) and Parasitology Laboratory (Dr. Suman Mishra), Dept. of Zoology; in association with the Zoological Society of India, from December 20-24, 2022.

ii) Training Program in Laboratory Techniques: A*"Hands-On Training Programme on Molecular and Parasitological Techniques"*was organized by the Parasitology & Silkworm Pathology Laboratory (Prof. Kamal Jaiswal)and Parasitology Laboratory (Dr. Suman Mishra), Dept. of Zoology; in association with the Zoological Society of India, from February 14 – 24, 2023

6. Details of memorandum of Understanding signed with the national /foreign Institutions, if any:

i) The Department of Zoology, Babasaheb Bhimrao Ambedkar University signed a Memorandum of Understanding (MoU) with Central Tasar Research and Training Institute, PO- Piska-Nagri Jharkhand, Central Silk Board, Ministry of Textiles: Govt. of India.

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

i) Prof. Kamal Jaiswal

a) Sectional President of Animal, Veterinary and Fishery Science, for 108th Indian Science Congress 2022-2023 from April 1, 2022 – March 31, 2023.
b) Member, School Board, Ch. Charan Singh University, Meerut from 15.06.2023 to continue.
c) Member, Board of Studies, Zoology, Pt. S. N. Shukla University, Shahdol (M.P.) from 24.06.2022 to continue.
d) Member, Board of Studies, Dr. HarisinghGour Vishwavidyalaya, Sagar (M.P.) from 23.08.2022 to continue.
e) Organizing Secretary, ZSI Kashmir

ii) Prof. Suman Mishra

a) Fellowship *o*f Asian Biological Research Foundation, Prayagraj (India) during National Conference (ODIL 2022) on Ozone Layer, Its Depletion and Impact on Living Beings organized by National Environmental Science Academy, New Delhi and others at Bikaner, from 16-17 September, 2022

iii) Dr. Sandhya

a) The Indian Science Congress Association - Life Member

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

i) Prof. Kamal Jaiswal

a) Sustainable Barebones of Animal Physiology. Eds**. Kamal Jaiswal**, B.N. Pandey and Suman Mishra, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56511-96-5
b) Revisiting Sustainable Goals in Applied Zoology, Eds. Ashok. K. Saxena, **Kamal Jaiswal** and Suman Mishra, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56511-97-2
c) Aquaculture: Turning Challenges into Opportunities Eds. **Kamal Jaiswal**, B.N. Pandey and Suman Mishra, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56511-99-6
d) Footprints of Biodiversity in the Indian Peninsula Eds. Vijay Laxmi Saxena, **Kamal Jaiswal** and Suman Mishra, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56511-98-9
e) Environment: Persistent Concerns and Their Solutions, Eds. Suman Mishra, **Kamal Jaiswal**, Dilip Kumar Keshri and Reshman Yasmin, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56512-02-3
f) Fisheries: Unraveling Heritage to Achieve Modern Goals. Eds. **Kamal Jaiswal**, B.N. Pandey and Suman Mishra, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56512-00-9
g) Challenges and Switching Roles in Parasitology. Eds. Suman Mishra, **Kamal Jaiswal** and Rashmi Srivastava, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56512-01-6
h) The Biology of Human Welfare. **Kamal Jaiswal**, Jyotsna Kumari, Suman Mishra and Suday Prasad, Narendra Publishing House, Delhi India, 2023, ISBN 978-93-56512-03-0

ii) Prof. Suman Mishra

a) *Challenges and Switching Roles in Parasitology*, Eds.**Suman Mishra,** Kamal Jaiswal and RashmiSrivastava. Published by Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6 (2023)
b) *Sustainable Barebones of Animal Physiology*. Eds. Kamal Jaiswal, B. N. Pandey and **Suman Mishra.** Published by Narendra Publishing House, Delhi, India. ISBN: 978-93-56511-96-5 (2023)
c) *Revisiting Sustainable Goals in Applied Zoology.* .Eds. Ashok. K. Saxena, Kamal Jaiswal and Suman Mishra. Published by Narendra Publishing House, Delhi India . ISBN 978-93-56511-97-2. (2023)
d) *Aquaculture: Turning Challenges into Opportunities.* Eds. Kamal Jaiswal, B.N. Pandey and **Suman Mishra.** Published by Narendra Publishing House, Delhi India . ISBN 978-93-56511-99-6.(2023)
e) *Footprints of Biodiversity in the Indian Peninsula.*Eds. Vijay LaxmiSaxena, Kamal Jaiswal and **Suman Mishra.** Published by Narendra Publishing House, Delhi India . ISBN 978-93-56511-98-9.(2023)
f) *Environment: Persistent Concerns and Their Solutions.* Eds. **Suman Mishra,** Kamal

JaiswalDilip Kumar Keshri and ReshmanYasmin. Published by Narendra Publishing House, Delhi India . ISBN 978- 93-56512-02-3(2023)

g) *Fisheries: Unraveling Heritage to Achieve Modern Goals.* Eds. Kamal Jaiswal, B.N. Pandey and **Suman Mishra**. Published by Narendra Publishing House, Delhi India . ISBN 978-93-56512-00-9. (2023)

h) *The Biology of Human Welfare.*Kamal Jaiswal, JyotsnaKumari, **Suman Mishra** and Suday Prasad. Published by Narendra Publishing House, Delhi India . ISBN 978-93-56512-03-0(2023)

iii) Dr. Sandhya

a) Singh C and **Bharti S**. (2023).*Toxic effects of heavy metals pollution in the selected stretches of Ganga River on aquatic flora, fauna and human health. Journal of experimental zoology, 26(2).*

b) Singh C and **Bharti S.** (2023). *Bioaccumulation analysis of metals in fishes of the Ganges River and their potential toxic implications on human health in Kanpur, Uttar Pradesh, India. Journal of experimental zoology, 26(2).*

c) **Bharti S** and Sonwani P. (2023).*Analyses of Polycyclic Aromatic Hydrocarbons (PAHs) in the Ganga River Water in Uttar Pradesh, India. Nature Environment Pollution Technology 22 (2): 869-877.*

d) **Bharti S** and Sonwani P. (2022). *Distribution of polycyclic aromatic hydrocarbons (PAHs) in environment and its toxicological analysis on the fish tissues in last two decades. International Journal of Entomology Research. 7(12); 115-123.*

9. Details of Book Chapter in edited volume:

i) Prof. Kamal Jaiswal

a) Prevalence of Ecto- and Endo-parasites in the Indigenous Fowl (Gallus gallusdomesticus) In Lucknow, Uttar Pradesh by **Kamal Jaiswal**, Komal Singh, Suman Mishra, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

b) Survey on Lymphatic filariasis Status with Respect to Age and 231 Gender Among Rural Populations of Lucknow District of Uttar Pradesh, North Indian Endemic Region by Jahanvi Chauhan, **Kamal Jaiswal** and Suman Mishra, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

c) Studies on MicrosporidialInfetion in Channa Punctatus of The River Gomti Lucknow U.P. by **Kamal Jaiswal**, Suman Mishra, Amit Singh, Swati, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

d) Identification of Microsporidian Infection in *Labeorohita* by using Light Microscopy by **Kamal Jaiswal**, Suman Mishra, Amit Singh and Vikram Singh Meena, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

e) Seasonal Analysis of Helminth Parasites in Channa punctatus from Ponds of Lucknow District, Uttar Pradesh through Light and Scanning Electron Microscopy: A Case Study by **Kamal Jaiswal**, Suman Mishra and Swati Yadav, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

f) Scanning Electron Microscopy of Greater Wax Moth of Managed Honey bee(*Apis mellifera*)Hives in and Around Lucknow by Sneha Kumari, **Kamal Jaiswal**, Amit Singh and Suman Mishra, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

g) *In vitro* Anthelmintic Activity of *Arnebiaeuchroma*against Sheep Nematode (*Haemonchuscontortus*) of cold arid Kargil, Ladakh India by Shabbir Hussain, Fayaz Ahmad, **Kamal Jaiswal** and Suman Mishra, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava, Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

h) Estimation of Sugars (Reducing and Non-reducing) in Honey Samples Extracted from Healthy and Infected Honey Bee (*Apis mellifera*) Colonies by **Kamal Jaiswal**, Suman Mishra, and Vandana, Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava., Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6

ii) **Prof. Venkatesh Kumar R.**

a) Venkatesh Kumar R, Devika Shrivastava, Rajendra Mundkar, *CRISPR/Cas Gene Editing System in the Silkworm, Bombyx mori***Book chapter** in *Genomic, Proteomics, and Biotechnology-**Taylor & Francis***

iii) **Prof. Suman Mishra**

a) Kamal Jaiswal, Komal Singh, **Suman Mishra**. Prevalence of Ecto- and Endo-parasites in the Indigenous Fowl (*Gallusgallusdomesticus*) In Lucknow, UttarPradesh In. Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN:978-93-56512-01-6 (2023)

b) Jahanvi Chauhan, Kamal Jaiswal and **Suman Mishra** Survey on Lymphatic filariasis Status with Respect to Age and 231 Gender Among Rural Populations of Lucknow District of Uttar Pradesh, North Indian Endemic Region In. Challenges and Switching Rolesin Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published byNarendraPublishingHouse,Delhi,India.ISBN:978-93-56512-01-6 (2023)

c) Kamal Jaiswal, **Suman Mishra**, Amit Singh, and Swati Studies on MicrosporidialInfetion in *Channapunctatus* of The River Gomti Lucknow U.P.. In Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India.ISBN:978-93-56512-01-6(2023)

d) Kamal Jaiswal, **Suman Mishra,** Amit Singh and Vikram Singh Meena. Identification of Microsporidian In fection in *Labeorohita*by using Light Microscopy. In Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN:978-93-56512-01-6(2023)

e) Kamal Jaiswal, **Suman Mishra** and Swati Yadav. Seasonal Analysis of Helminth Parasites in *Channapunctatus* from Ponds of Lucknow District, Uttar Pradesh through Light and Scanning Electron Microscopy: A Case Study. In. Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN: 978-93-56512-01-6 (2023)

f) Sneha Kumari, Kamal Jaiswal, Amit Singh and **Suman Mishra**. Scanning Electron Microscopy of Greater Wax Moth of Managed Honey bee (*Apismellifera*) Hives in and Around Lucknow. In. Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN:978-93-56512-01-6 (2023)

g) Shabbir Hussain, Fayaz Ahmad, Kamal Jaiswal and **Suman Mishra**. *Invitro* Anthelmintic Activity of *Arnebiaeuchroma*against Sheep Nematode (*Haemonchuscontortus*) of cold arid Kargil, Ladakh India. In. Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN:978-93-56512-01-6 (2023)

h) Kamal Jaiswal, **Suman Mishra**, and Vandana. Estimation of Sugars (Reducing andNon-reducing) in Honey Samples Extracted from Healthy andInfected Honey Bee(*Apismellifera*) Colonies. In. Challenges and Switching Roles in Parasitology, Eds. Suman Mishra, Kamal Jaiswal and Rashmi Srivastava. Published by Narendra Publishing House, Delhi, India. ISBN:978-93-56512-01-6(2023)

i) Leena Rastogi, Vanshika Rastogi, **Suman Mishra** and Kamal Jaiswal. Hypothyroidism Mitigates Stroke Outcome by Altering Cell Death Pathwaysin Transient Focal Ischemia in Rats. In Sustainable Barebones of Animal Physiology. Eds. Kamal Jaiswal, B. N. Pandey and Suman Mishra. Published by Narendra Publishing House, Delhi, India. ISBN: 978-93-56511-96-5 (2023)

iv) **Dr. Sandhya**

a) Participated and presented an oral paper entitled 'Analysis of health status of air breathing fish using haematological tools' in a 2 days National Conference on 'Ecology Vs Economic development with special reference to the Ganga Basin' (NEED-2023) hold during February

25th-26th, 2023 at Dept. of Zoology, Nehru Gram Bharti University, Prayagraj, ICAR (Central Inland Fisheries Research Institute, Prayagraj, and Kalash Research and Welfare Society, Prayagraj.

b) Participated and presented an oral paper entitled 'Study of metals bioaccumulation in the alimentary canal of fish in a 2 days National Conference on Natural Sciences-Exploration through innovations (NCNSEI-2022) hold during May 27th-28th, 2022 at Maharaa Agrasen University, District Solan (HP)

c) Participated in the 5 days FDP on "Impact of climate changes on Natural hazards" jointly organized by National Institute of Disaster Management, Ministry of Home affairs, Govt. of India and Amity University, Uttar Pradesh, Lucknow Campus held from 16th-20th July 2022.

v) Dr. Neeshma Jaiswal

a) Rashmi Srivastava, Anita Yadav, Neeshma Jaiswal, Anshika Yadav, Sandeep K. Malhotra, Suman Mishra, Ranbir Chandra Sobti."Biomimetics Approach of Biodiversity through Interventions of Bio-Designing and Technology". Biodiversity pp. 359-368 Ist Edition CRC Press Taylor &Francis GroupeBook ISBN: 978100322 0398.

b) Reshu, Anita Yadav, Rashmi Srivastava, Neerja Kapoor, Sandeep K. Malhotra, Kamal Jaiswal, Neeshma Jaiswal. "Parasite diversity strategies under influence of pollutants". Advances in Animal Experimentation and Modeling, Understanding Life Phenomena, Pages 427-440. Publisher- Elsevier, Academic Press. ISBN- 978-0-323-90583-1

c) Anita Yadav, Neerja Kapoor, Neeshma Jaiswal, Sandeep K. Malhotra."Parasites: futuristic indicators of an altered aquatic environment." Advances in Animal Experimentation and ModelingAcademic Press, Science DirectPages 441-454 ISBN 9780323905831,https://doi.org/10.1016/B978-0-323-90583-1.00027-1

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

i. Prof. Kamal Jaiswal

a) 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).

b) Testing the Presence of an Opportunity Pathogen Nosema ceranae (Microsporidia) in Housefly (Musca domestica) using Polymerase Chain Reaction by **Jaiswal Kamal**, Mishra Suman, Kumari Prachi, Singh Amit and Sharma Saumya, International Journal of Zoological Investigations, Vol. 8, No. 1, 657-662(2022), ISSB: 2454-3055 (24.06.2022)

c) Epizoology of Ixodid tick infestations in cattle in an around BBAU campus, Lucknow by **Kamal Jaiswal**, Suman Mishra, Akshay Kumar Singh Rathore, Amit Singh, Saumya Sharma, International Journal of Entomology Research (www.entomologyjournals.com), ISSN: 2455-4758, (31.05.2022), Vol 7, Issue 5, 2022, Pg. No. 165-174

d) Morphological Characterization of *Varroa* mite of honey bee *Apismellidfera*using light and scanning electron microscopy collected from Sambhal (U.P.) by **Kamal Jaiswal**, Suman Mishra, Gaurva Kumar Singh, Amit Singh, Saumya Sharma, International Journal of Entomology Research (www.entomologyjournals.com), ISSN: 2455-4578, (26.05.2022), Vol 7, Issue 5, 2022, Pg. No. 127-132

ii. Prof. Venkatesh Kumar R.

a) Singh, V., Pranjali, P., Raj, R., Guleria, A., Yadav, S., **Kumar R, Venkatesh.,**& Kumar, D. (2023). Improved antimicrobial activity of zinc-oxide Nanoparticles in peritoneal dialysis fluid using Silk Fibroin Protein coating. *Materials Research Innovations*, *27*(5), 310-317.

b) Srivastava, D., Singh, **V**., &Venkatesh Kumar R. (2023). Isolation of Alpha-linolenic acid (ALA) from tasar, Antherea mylitta pupal oil and its anticancer activity. *Journal of Drug Delivery and Therapeutics*, *13*(5), 53-59.

c) **Ramappa, Venkatesh Kumar** Singh, V., Srivastava, D., Kumar, D., Verma, A., Verma, D., ... & Kumar, D. (2023). Fabrication of mulberry leaf extract (MLE)-and tasar pupal oil (TPO)-loaded silk fibroin (SF) hydrogels and their antimicrobial properties. *3 Biotech*, *13*(2), 37.

d) Singh, V., Tripathi, D. K., Sharma, **Venkatesh Kumar R.,** Srivastava, D., Kumar, U., Poluri,

K. M., ... & Kumar, D. (2023). Silk fibroin hydrogel: A novel biopolymer for sustained release of vancomycin drug for diabetic wound healing. *Journal of Molecular Structure*, *1286*, 135548.

iii. Prof. Suman Mishea

a) Kamal Jaiswal, **Suman Mishra**, Akshay Kumar Singh Rathore, Amit Singh, Saumya Sharma. Epizoology of Ixodid tick infestations in cattle in and around BBAU campus, Lucknow .*International Journal of Entomology Research* Volume 7, Issue 5, 2022, Page No. 165-174 ISSN: 2455-4758 **International (UGC CARE Listed) Web of Science RJIF 8**

b) Kamal Jaiswal, **Suman Mishra,**Gaurav Kumar Singh, Amit Singh, SaumyaSharma . Morphological characterization of *Varroa* mite of honey bee *Apismellifera* using light and scanning electron microscopy collected from Sambhal (U.P.) ,*International Journal of Entomology Research*, Volume 7, Issue 5, 2022, Page No. 127-132 **International (UGC CARE Listed) Web of Science RJIF 8**

c) Kamal Jaiswal, **Suman Mishra**, Rishabh Kumar Srivastava, Amit Singh, and Saumya Sharma. To investigate the occurrence of an entomopathogenmicrosporidia in cultured colony of fruit flies (Drosophila melanogaster) using PCR, *Indian Journal of Applied & Pure Biology,* Vol. 37(2), 547-554 (2022) . ISSN: 0970-2091 **International A Web of Science Journal**

d) Savita, Suman Mishra, and Kamal Jaiswal . Scanning Electron Microscopic (SEM) Study of Nematode Parasites of Goat in Lucknow District Uttar Pradesh ,*Uttar Pradesh Journal Of Zoology* 43(5): 86-91, 2022. issn: 0256-971X (P) **International A Web of Science Journal**

iv. Prof. Abha Mishra

a) Bulbul Ali and Abha Mishra 2023. Effect of monochromatic light on melanophore arrangement in spotted snakehead fish *Channa punctata* (Bloch, 1793). Journal of Fish Biology. 1–10.DOI: 10.1002/JFB.15384

b) Anil Kumar and A Mishra. 2023. Role of heterocyclic compounds in pharmaceuticals and medicines. J. Exp. Zool. India Vol. 26, No. 1, pp. 1-9, 2023. https://connectjournals.com/03895.2023.26.1

c) Abha Mishra and Pooja Pandey. 2023. Curcumin influence on antioxidative stress and energy macromolecules of stinging catfish, *Heteropneustesfossilis* (Bloch, 1794).Journal of Environment and Bio-sciences (ISSN :0973-6913).

d) Mishra A, Sarkar U K, Pandey P, Ali B, Sharma N, Kumar R, 2023. Silurid Butter Catfish Ompokbimaculatus (Bloch1794) of North region: A General Overview. Journal of Scientific Research 67(1), 43-57.

v. Dr. Neeshma Jaiswal

b) Rashmi Srivastava, Pradeep Kumar, Dinesh Kumar and **Neeshma Jaiswal**. Compromised Hematological Profiles of *Channa punctatus* for parasitic infestations. Challenges and Switching Roles in Parasitology.P:83-92.ISBN: 978-93-56512-01-6.

c) Pradeep Kumar, Dhananjay Yadav, Abhishek Kumar Gupta, Reshu and **Neeshma Jaiswal**. Comparative analysis of free amino proteins in *Lytocestus indicus* and*Lucknowia indica* parasitizing catfish, *Heteropneustesfossilis*. Challenges and Switching Roles in Parasitology.P:135-142. ISBN: 978-93-56512-01-6

d) Rashmi Srivastava, Nidhi Mishra, **Neeshma Jaiswal**, Shivji Malviya, Rajesh Bajpai and Rakesh Srivastava.Heavy Metal Genotoxicity: An Insight to Human Disease. Kahaar, 9 (1): 33- 36.ISSN (p): 2394-3912; Online ISSN (e): 2395-9369.

e) **Neeshma Jaiswal**, Rashmi Srivastava, Rakesh Srivastava, Suman Mishra, Kamal Jaiswal and Sandeep Malhotra.Assessment of genotoxicity induced by helminth parasites in fresh-water fishes of river Ganges.Indian Journal of Experimental Biology (IJEB) 60 (9):719-ISSN: 7260975-1009.

f) Abhishek Kumar Gupta, Dhananjay Yadav, Pradeep Kumar, Reshu, Swastika, Neeshma Jaiswal and Sandeep K. Malhotra. Venom characterization of *Apis mellifera*through high-performance liquid chromatographyBiochemical and cellular Archives(BCA)22,4383-4389. Doi.org/10.51470/bca.2022.23.2.4383: Docid: https://connectjournals.cpm/03896.2023.22.4383ISSN: 0972-5075eISSN:0976-1772

11. Attended/Participated in conference/seminar/workshop inside country

i. Prof. Kamal Jaiswal

a) Sectional President, Animal, Veterinary and Fishery Sciences Section, 108th Indian Science Congress, Nagpur, R.T.M. Nagpur University, Nagpur from 3 – 7 Jan, 2023

b) 33rd All India Congress of Zoology and National Seminar on "*Emerging Trends in Biological Sciences in the light of Environmental degradation & Life sustainability", organized by Pandit S. N. Shukla University, Shahdol (M.P.) collaboration with Zoological Society of India (ZSI)from 10.08.2022 to 12.08.2022.*

c) International Conference on Sustainable Development: PanchMahabhoot for Environmental and Social Harmony, Dr. B.R. Ambedkar University of Social Sciences, Dr. Ambedkar Nagar, Mhow, District Indore, from 8-10 December, 2022

ii. Prof. V. Elangovan

a) Invited lecture entitled "Behavioural Ecology of Mouse-Tailed Bats" in the section of Animal Veterinary &Fishery Sciences during 108th Indian Science Congress held at RashtrasantTukadoji Maharaj Nagpur University, Nagpur Maharashtra from 03rd to 07th January 2023.

iii. Prof. Venkatesh Kumar R.

a) Invited to deliver a special lecture on *Role of Remote sensing and GIS in sericulture and their impact* on 30th June 2022 for the student of PG/Diploma in remote sensing and GIS during the visit in the university.

iv. Prof. Suman Mishra

a) **Invited Lecture** on "Soil Transmitted Helminths(STH): Raising awareness in Indian population"in the Science Communicators Meet, heldon 5th& 6th January 2023during the 108th Indian Science Congress held at Rastrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra, from January 3 to 7, 2023.

b) **Chaired technical session, and Invited Lecture** on "Apiculture: Empowering RuralLivelihood", Section of Animal , Veterinary and Fishery Sciences during 108th Indian Science Congress held at RastrasantTukadoji Maharaj Nagpur University, Nagpur, Maharashtra, from January3to7,2023.

c) **InvitedLecture**on"Bio-Sustainable Intervention Of Entomopathogenic Nematodes in Agricultural Pest Management, International Conference on Sustainable Development: PanchMahabhoot for Environmental and Social Harmony is to be organized at Dr. B.R.Ambedkar University of Social Sciences, Dr. Ambedkar Nagar, Mhow, District Indorefrom8-10December,2022. (International).

d) **Presented Oral paper** in National Seminar and 33rd All India Congress of Zoology (AICZ) on Emerging Trends in Biological Sciences in Light of Environmental Degradation &Life Sustainability held at Dept. of Zoology, Pandit S.N. Shukla University (M.P.) from 10-12 August, 2022

e) **Participated in and successfully completedandobtained A+ Grade** in the UGC-Approved Short-Term Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers organized by Staff Training and Research Institute Of Distance Education from 17-25 October, 2022

v. Dr. Neeshma Jaiswal

a. Presidential Speech on "**Role of Bioinformatics in molecular docking and hybrid informatics generation"**and Chaired a Session in 6 Day National Workshop Cum Hands- On Training on Basics of Hybrid-Informatics and Molecular DockingGovernment College Rethi, Sehore (M.P.) and Government Swami Vivekanand College Teonthar, Rewa (M.P.) 20th - 25thDec., 2022 (Presidential Speech and Chaired a Session -23rdDecember, 2022).

b. Invited lecture entitled **"NMR: A Novel Approach in Detection of Fish Parasite Infection"**and Co-Chairin one of the sessionsin the section of Animal Veterinary & Fishery Sciences during108thIndian ScienceCongress held at RashtrasantTukadoji Maharaj Nagpur University, Nagpur, Maharashtraw.e.f. 03-07thJanuary, 2023.

c. Presented Paper entitled **"Impending anthelminthic roles of honey bee venom (HBV)"** and Co-Chair the Session in National Seminar on "Ecology Vs Economic Development with Special Reference to The Ganga Basin" (NEED-2023) at Department of Zoology, Nehru Gram Bharati University, Prayagraj, ICAR-Central Inland Fisheries Research Institute, Prayagraj, Kalash Research & Welfare Society, Prayagraj 25th -26thFebruary, 2023.

13. Details of invited lecture inside the country:

i. Prof. Kamal Jaiswal:

a) **Presidential Lecture** "Empowering Women through Skill Development & Vocational Education", Animal, Veterinary and Fishery Sciences Section, 108th Indian Science Congress held during 3 – 7 Jan, 2023, R.T.M. Nagpur University, Nagpur

b) **Key-note Speaker** "Skill Development, Entrepreneurship and Intellectual Property", National Conference on "Skill Development, Entrepreneurship and Intellectual Property" held on 26th – 27th April, 2022,RanvirRananjay Post Graduate College, Amethi (U.P.)

ii. Prof. Suman Mishra

a) **Invited Lecture** on "Soil Transmitted Helminths**(**STH): Raising awareness in Indianpopulation"intheScienceCommunicatorsMeet, heldon 5th& 6th January 2023during the 108th Indian Science Congress held at RashtrasantTukadoji Maharaj Nagpur University, Nagpur, Maharashtra,fromJanuary3to7, 2023.

b) **Chaired technical session, and Invited Lecture** on "Apiculture: Empowering RuralLivelihood", Section of Animal , Veterinary and Fishery Sciences during 108thIndianScience Congress held at RastrasantTukadojiMaharaj Nagpur University, Nagpur, Maharashtra, from January 3 to 7, 2023.

c) **Invited Lecture** on "Bio-Sustainable Intervention Of Entomopathogenic Nematodes in Agricultural Pest Management, International Conferenceon Sustainable Development: PanchMahabhoot for Environmental and Social Harmony is to be organized at Dr. B.R.Ambedkar University of Social Sciences, Dr. Ambedkar Nagar, Mow, District Indorefrom8-10December,2022. (International).

14. Details of National Award/fellowship:

i. Prof. Kamal Jaiswal:

a) **Felicitation** as a Pioneering Zoologist and a Life Scientist of International repute by International Academy of Life Sciences on 04.01.2023

ii. Prof. Suman Mishra

a) **Felicitation**, For Contribution in Zoology and Life Sciences by the International Academy of Life Science on 04.01.2023 during the 108th Indian Science Congress held at RTM Nagpur University, Nagpur, Maharashtra, from 3-7 January, 2023.

b) B.S. Chauhan Medal,For outstanding research and academic contribution in the field of Parasitology by Zoological Society of India on the occasion of International conference on "Sustainable Development: PanchMahabhoot for Environmental and Social Harmony" (ICSD-2022), organized by Dr. B.R. Ambedkar University of Social Sciences (BRAUSS) at Mhow (Indore), Dec., 8-10, 2022

iii. Dr. Neeshma Jaiswal

a) **Scientist of the year Award 2023** by KALASH Research and Welfare Society, Prayagraj in recognition of her valuable contribution to Science and Research on the occasion of National Seminar on "Ecology Vs Economic Development with Special Reference to The Ganga Basin" (NEED-2023) by Department of Zoology, Nehru Gram Bharati University, Prayagraj, ICAR-Central Inland Fisheries Research Institute, Prayagraj, Kalash Research & Welfare Society, Prayagraj w.e.f. 25-26th February, 2023.

b) **Certificate of Appreciation** for invited lecture on "NMR: A Novel Approach in Detection of Fish Parasite Infection"in 108th Indian Science Congress at RashtrasantTukadoji Maharaj Nagpur University, Nagpur, Maharashtra w.e.f. 3-7th January, 2023.

c) **Certificate of Appreciation** for Presidential Speech on "Role of Bioinformatics in molecular docking and hybrid informatics generation"and Chaired a Session in 6 Day National Workshop Cum Hands- On Training on Basics of Hybrid-Informatics and Molecular DockingGovernment College Rethi, Sehore (M.P.) and Government Swami Vivekanand College Teonthar, Rewa (M.P.) 20th -25thDec., 2022 (Presidential Speech and Chaired a Session -23rd December, 2022)

15. Details of patents filled/awarded:

i. Prof. Venkatesh Kumar R.

a) A patent has been filed by Devika Srivastava and **Venkatesh Kumar R.** A composition for the treatment of colorectal cancer(Application No. 202211025489)

b) A patent has been filed by Vandana Singh and **Venkatesh Kumar R.** Vancomycin loaded silk fibroin antiseptic hydrogel for diabetic wound healing (Application No. 202211045324

16. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**M.Sc. Zoology**	**47**
	M.Sc. Life Sciences	**39**
	B.Sc. Life Sciences	**45**
	Ph.D. Zoology	**02**

ii. Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Umesh Kumar	Prof. Venkatesh Kumar R.	Dinesh Kumar	Identification of Distinctive Metabolic Signatures of autoimmune inflammatory disease using NMR based Metabolomics Approach	UGC- NON-NET Fellowship

iii. Ph.D. student's Pursuing

1.	Awanish Kumar Singh	Prof. Kamal Jaiswal	Dr. Manishi Mukesh, Karnal	Understanding the Mechanism of Tick Resistance in Indian Native Cattle.	UGC Non-Net fellowship
2.	Saumya Sharma	Prof. Kamal Jaiswal	NA	Detection of Entemopathogen Microsporidia in Declining Poplulation of Pollinators: Honey Bees & Bumble Bees.	DST
3.	Swati	Prof. Kamal Jaiswal	NA	Prevalence, morphological and molecular characterization of Microsporidia in Channa punctatus in Lucknow	UGC Non-Net fellowship
4.	Komal Singh	Prof. Kamal Jaiswal	Dr. Suman Mishra	"Studies on the Prevalence and Morpology of Parasites of Gallus gallusdomesticus and their Impact on Meat Quality"	NA
5.	Vikram Singh Meena	Prof. Kamal Jaiswal	NA	"Studies on Morphology and Molecular Characterization of Microsporidia in Economically important selected edible fishes"	CSIR-NET JRF
6.	Ms. Swati Yadav	Prof. Kamal Jaiswal	NA	Studies on haemopartasites of freshwater fishes in and around lucknow, uttarpradesh	UGC Non-Net fellowship
7.	Ms. Vandana	Prof. Kamal Jaiswal	NA	Prevalence, Morphological and Molecular Characterization of Gastrointestinal Cestode in Gallus gallusdomesticus in Lucknow Region	UGC Non-Net fellowship
8.	Ms. Sneha	Prof. Kamal	NA	Impact of parasitic infestation on	UGC Non-Net

	Gautam	Jaiswal		nutritional value of channa punctatus from river gomti, lucknow, u.p.	fellowship
9.	Shakti Vardhan Singh	Prof. V. Elangovan	NA	Behavioural ecology of the mouse-tailed bat, Rhinopomahardwickii	UGC Non-Net fellowship
10.	Naheda	Prof. V. Elangovan	NA	Roosting and reproductive ecology of the Indian flying fox, Pteropusmedius(Temminck, 1825)	UGC Non-Net fellowship
11.	Mr. Shiv Shanker	Prof. V. Elangovan	NA	Impact of demography and distributional overlap of insectivorous bats on fungal diversity	UGC Non-Net fellowship
12.	Ms. Garima Singh	Prof. V. Elangovan	NA	A metagenomics study on faecal microbiota of Indian false vampire bat, Megaderma lyra (Geoffroy, 1810)	UGC NET JRF
13.	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
14.	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
15.	Mr. Vijay Kumar	Prof. V. Elangovan	NA	Ecological consequences of artificial lights on behavioural ecology of Scotophilus bats	UGC Non-Net fellowship
16.	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
17.	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
18.	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
19.	Akash Mishra	Prof. Venkatesh Kumar R.	NA	Characterization and Analysis of the Therapeutic Properties of Eri Silkworm (Philosamiaricini) Pupal Oil	UGC- NON-NET Fellowship
20.	Abhishek Verma	Prof. Venkatesh Kumar R.	NA	Research on characterization and biological properties of tasar silkworm (Antheraea mylitta) pupal oil	UGC- NON-NET Fellowship
21.	Anurag Kumar Sonker	Dr. Suman Mishra	NA	Studies on the parasitic mite affecting honey bee (Apismellifera L.)	UGC Non-Net fellowship
22.	Shabbir Hussain	Dr. Suman Mishra	Prof. Fayaz Ahmad, Department of Zoology, University	Studies on the Gastrointestinal Helminth Fauna in Small Ruminants of Kargil (Ladakh) and their control by select ethnoveterinary plants	CSIR-NET JRF

			of Kashmir, J&K		
23.	Ms. Jahanvi Chauhan	Dr. Suman Mishra	NA	Studies on lymphatic filariasis and the biocontrolling factors in selected districts of uttarpardesh	CSIR-NET JRF
24.	Mr. Suraj Kumar	Dr. Suman Mishra	NA	Study on the parasites of cold water fishes	CSIR-NET JRF
25.	Pooja Pandey	Dr. Abha Mishra	NA	Curcumin effects on biological property of freshwater catfish, Heteropneustesfossilis (Bloch,1794)	UGC Non-Net fellowship
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.	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
31.	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
32.	Neha Gondial	Dr. Sandhya	NA	Analysis of contamination of the Gomti River water in Lucknow using fish as a bioindicator	UGC-JRF
33.	Mr. Shameen Ahmad khan	Dr. Sandhya	NA	Toxicity analysis of glyphosate based herbicide on fish	UGC-JRF
34.	Km Reshu	Dr. Neeshma Jaiswal	NA	Epidemiological studies on helminth parasites in cat fishes of Gomati river	UGC Non-Net fellowship
35.	Pradeep Kumar	Dr.Neeshma Jaiswal	NA	Diversity and Population Dynamics of Helminth Parasites in fish of Wetland Ecosystem	UGC Non-Net fellowship
36.	Dhananjay Yadav	Dr.Neeshma Jaiswal	NA	Microfaunal Diversity and Population Dynamics of Hyperparasite Inhabiting Fishes of Gomti River at Lucknow	UGC Non-Net fellowship
37.	Abhishek Kumar Gupta	Dr.Neeshma Jaiswal	NA	In vitro characterization and anthelmintic potential of honeybee venom on certain fish parasites	UGC Non-Net fellowship

v.	**M.Phil degree awarded**				
1	N/A	N/A	N/A	N/A	N/A
vi.	**M.Phil dissertation Submitted**				
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

17. Student publications:

S. No.	Name Student/ Scholar	Books	Book Chapters	Papers in UGC Listed journal	Papers in other peer review journal
1.	Reshu		Parasite diversity strategies under influence of pollutants in Advances in Animal Experimentation and Modeling, Understanding Life Phenomena, Pages 427-440. Publisher- Elsevier, Academic Press.ISBN- 978-0-323-90583-1		
2	Pradeep Kumar		Comparative analysis of free amino proteins in *Lytocestus indicus* and *Lucknowia indica* parasitizing catfish, Heteropneustesfossilis. Challenges and Switching Roles in Parasitology. P:135-142. ISBN: 978-93-56512-01-6		

18. Google profile of the faculty members:

i. **Prof. Kamal Jaiswal**
Since 2016
Citations: 153
h-index: 1
i10: index 4

ii. **Prof. V. Elangovan**
Since 2018
Citations: 475
h-index: 16
i10-index: 20

iii. **Prof. Venkaesh Kumar R.**
Since 2018
Citations: 1036
h-index: 17
i10-index: 26

iv. **Prof. Suman Mishra**
Since 2018
Citations: 231
h-index: 1
i10-index: 7

v. **Prof. Abha Mishra**
Since 2018
Citations: 504
h-index: 12
i10-index: 15

vi. **Dr. Sandhya**
Since 2018
Citations: 180
h-index: 5
i10-index: 5

vii. **Dr. Neeshma Jaiswal**
Since 2018
Citations: 115
h-index: 7
i10-index: 5

School of Home Science

The School of Home Science came into existence in 2007. The School with its interdisciplinary faculty aims to inculcate and strengthen innovation and analytical skills holistically to achieve sustainable development. Home Science is a unique filed of knowledge, with multidisciplinary approach synthesized from various domains of Sciences, Social Sciences, Engineering and Humanities. The enriched curriculum of Home Science do not centre only on an individual or a family but caters to the contemporary trends of education in order to meet the rapidly changing demands of society. The School is working as an important centre of learning and disseminating knowledge in varied domains, preparing the students to take up professions such as Academician, Researchers, Counsellors, Nutritionists, Interior Designers, Fashion Designers, Social Workers, Administrators, CAD professionals, Teachers, Extension Personnel etc.

1 **Number of Departments: -**
   i. Department of Human Development and Family Studies
   ii. Department of Food and Nutrition
2 **Number of faculty in the Departmentof HDFS–** 03
3 **Number of faculty in the DepartmentofFood& Nutrition–** 03

Department of Human Development and Family Studies

The Department of Human Development and Family Studies came into existence under School of Home Science in the year 2007. The Department is functioning with an aim to prepare enthusiastic professionals and leaders by grooming the students holistically through exposure to wide spectrum of knowledge. The Department offers a two year instructional Post Graduate programme leading to a Master of Science (M.Sc.) in Human Development and Family Studies and Ph.D. Programme. Empowering students to successfully pursue career in their field and or proceed to advance research studies or take up entrepreneurial ventures is the prime aim of these programmes. The curriculum of the programmes is periodically revised to keep pace with the contemporary changes and development programmes of the Nation. The faculty of the Department comprises of two Professors, two Associate Professors and two Assistant Professors from diverse fields of specialization, who are instrumental in imparting high standard of education to the students.

The Department organizes regular seminars on every Friday, where students are given opportunity to speak on topic of their choice in order to harness their oratory skills on different traditional and contemporary aspects of human development & family studies. The Department trains and strengthens the students to enhance their self sufficiency and over all development for their future success. The Departmental Alumni also are actively engaged in departmental activities and are also invited to deliver guest lectures and impart practical orientation of the students.

Department of Food and Nutrition

The Department of Food and Nutrition started in the year 2020, under the School of Home Science. The present intake capacity is 50 students of PG course. Department offers a two year instructional Post Graduate programme leading to a Master of Science (M.Sc.) in Food and Nutrition and (M.Sc.) in Food Science & Technology.

Food and Nutrition department helps to improve human health through better nutrition and life style, The department strive for excellence in the food/health industry; develop food processing technologies for value addition, nutraceutical based functional food for curing & healing diseases bakery technology with innovative ideas with focus on domestic/global market facilitate employment opportunities for economic employment of youth. Through nutrition and health sciences there is possible to break the barriers of conventional research to establish novel technology to suit contemporary challenges in society. There are numerous innovative tools and techniques used in nutritional sciences like High Pressure, Sterilization, Eradication, Ultrasonification, Ohmic processing which extent self 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, Internship and Research are

integral part of its curriculum. Students are also encouraged to participate in various extracurricular and sports events to ensure their overall development.

2. Courses offered:

i. M.Sc. Human Development & Family Studies
ii. M.Sc. Food and Nutrition
iii. M.Sc. Food Science & Technology
iv. Ph.D. Home Science
v. Ph.D. Food & Nutrition

3. Facilities available in the Department:

i. M.Sc. Laboratory & Research Laboratory
ii. Psychometric Lab
iii. Model development lab
iv. Food analysis Lab
v. Microbiology Lab
vi. Bakery and Confectionary Lab
vii. Smart classroom
viii. Computer Lab
ix. Departmental Library
x. Seminar hall - for enhancing the technical and oratory skills of the students

4. Details of the Faculty:

i. **Prof. Sunita Mishra,**
Dean, School of Home Science
Head, Deptt. of Human Development and Family Studies
Head, Deptt. of Food and Nutrition
Specialization: Foods & Nutrition
Qualifications: M.Sc., Ph.D**., Doctors of Letter**. Diploma in French

ii. **Prof. U.V. Kiran**
Professor HDFS
Specialization: Resource Management & Consumer Sciences
Qualifications: M.Sc., Ph.D.

iii. **Dr.NeetuSingh,** Associate Professor
Specialization: Foods & Nutrition
Qualifications: M.Sc., Ph.D.

iv. **Dr.ShaliniAgarwal ,**Associate Professor
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.

5. Details of Seminar/ conference organized by the department:

i. **Prof. Sunita Mishra** Organized seminar on**"Vigilance Awareness"** on 1/11/2022 - 2/11/2022 at BBAU Lucknow.

6. Other Departmental Level Academic Activities:

i. Organized guest lectures on **"Vigilance awareness"** by Dr. S.N. Sabat, IPS-UPPCL &Vigilance, Lucknow during Chief Vigilance Awareness Week on 01.11.2022.
ii. Organized guest lectures on **"Vigilance awareness"** by Mrs. Renuka Mishra, IPS, Director General Special Investigation team, Lucknow during Chief Vigilance Awareness Week on 01.11.2022.
iii. Organized guest lecture on **"Gender sensitive water conservation and management"** by

Prof Naveen. K. Arora, Dean School of Earth and Environmental Sciences, BBAU Lucknow on 9.09.2022.

7. Details of Memorandum of Understanding signed with the national/ foreign institutions, if any

i. A memorandum is signed with the **UNWFP (United Nation World Food Programme)** and **Prof Sunita Mishra** is co-coordinator of the MoU.

8. Co-Curricular/ Extra-curricular/ sports activity by the department:

i. Food Fest, Slogan Competition, Elocution competition, Painting Competition, New Product Development, Nutritional Food competition, low cost food development, Bakery workshop organized by department.

9. Visitors of Department from inside the country (during 01.04.2022-31.03.2023)

i. Prof. Rita Raghuvanshi, Dean College of Home Science, G. B. Pant University of Agriculture and Technology,Pantnagar
ii. Prof. N. VasugiRaaja, Dean, Faculty of Home Science, Avinashilingam University, India.
iii. Prof. Archana Chakraborty, Department of Home Science Mahila Mahavidyalya, Banaras Hindu University, Varansi
iv. Prof. Divya Rani Singh, Department of Home Science, DDU Gorakhpur
v. Prof LalitaVatta, Department of Home Science Mahila Mahavidyalya, Banaras Hindu University, Varansi
vi. Dr. Meera Singh, Assistant Prof. Faculty of Home Science, Lucknow University.

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

i. Prof Sunita Mishra

a) Life member of European Association of Agricultural Economics (EAAE)
b) Life member of The HagueNetherland.
c) Life member of Life member of Global Communication Research Association, Sydney Australia.
d) Life member of Member of Physician Association for responsible medicine, Washington DC,U.S.A.
e) Life member of Virginia College of Osteopathic medicines Blacks Burg, Virginia,U.S.A.
f) Life member of Home Science Association of India,
g) Life member of Nutrition Society ofIndia,
h) Life member of Indian Dietetics Association
i) Life member of Scientific & Technical Research Association
j) Life member of Teaching & Education Research Association
k) Life member of Indian Journal of Preventive and SocialMedicine
l) Life member of Indian Journal of CommunityPsychology
m) Life Member in Social ScienceCongress
n) Life Member of ScienceCongress.
o) Life member of of CEPRE, a project under IMS BHU.
p) Life member of Social Science and Humanities Research Association
q) Life member of Healthcare & Biological Sciences Research Association

Editorial Board:

a) Editor in **chief in Journal of Innovative Food Science and Nutrition**, Published by Selective and Scientific Book, New Delhi.
b) Editor in **chief in Journal in Asian Journal of Food and Nutrition**, UGC Approved Journal, India.
c) Member, **Editorial Board, COHERENCE**, Published by DAV, College for girls, Haryana.

ii.Prof. U.V Kiran

a) Life Member- The Zoological Society of India
b) Life Member – Indian Gerontological Association
c) Life Member- International Science Congress Association
d) Life Member- Indian Ergonomics Association
e) Life Member- Home Science Association of India
f) Life Member – Indian Science Congress Association

g) Life Member - Asian Regional Association for Home Economics
h) Life Member – Asian Journal of Home Science
i) Life Member- ZSI
j) Life Member – Blue Planet Society, Allahabad, India
k) Life Member- Global Environment Society of India
l) Life Member – Society for Conservation of Wildlife

iii.Dr Shalini Agarwal

a) Life Member, Indian Gerontological Association, since 2022
b) Member, *GIAN (Global Initiative of Academic Networks),* Ministry Of Education, Government of India since 13 March 2022.
c) Member, *AECED* for 5 years- 2020-2026.
d) Life membership of *Home Science Association of India*
e) Life membership of*Indian Society of Ergonomics*
f) Life membership of*Indian Ergonomic Association*
g) Life membership of*Indian Science Congress*
h) Life membership of*Asian Journal of Home Science*
i) Life member of *Social Science and Humanities Research Association*
j) Life member of *Healthcare & Biological Sciences Research Association*
k) Life member of*Scientific& Technical Research Association*
l) Life member of*Teaching& Education Research Association*

iv. Dr. Khwairakpam Sharmila

a) Member, *AECED* for 5 years- 2020-2026.
b) Life membership of *Home Science Association of India*
c) Life member of *Social Science and Humanities Research Association*
d) Life member of *Healthcare & Biological Sciences Research Association*
e) Life member of *Scientific & Technical Research Association*
f) Life member of *Teaching & Education Research Association*

v.Dr. Priyanka Shankar

a) Nutrition Society of India
b) Indian Dietetic Association
c) Home Science Association of India

11. Visitors of Department from outside the country (during 01.04.2022 - 31.03.2023):

Ms. Elisabeth Faure Country-Director of the United Nations World Food Programme (WFP), London.

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

Prof. Sunita Mishra, **Nutrition health for lifestyle management** in **Selective and scientific books**, ISBN No: 819514924-3

13. Details of editing journals and magazines:-

i. **Prof. Sunita Mishra,**Editor in chief in Journal of Innovative Food Science and Nutrition, Published by Selective and Scientific Book, New Delhi.
ii. **Prof. Sunita Mishra,**Editor in chief in Journal in Asian Journal of Food and Nutrition, UGC Approved Journal, India.
iii. **Prof. Sunita Mishra,**Member, Editorial Board, COHERENCE, Published by DAV, College for girls, Haryana.

14. Details of Book Chapter in edited volume:

i. **Sunita Mishra**, Gunjan Gupta and M.A. Firdaus (2023) **"**Therapeutic Potential of Chocolate Coated Chinese Chestnut (A Nut Cum Fruit)" inNut Crops - New Insights Intech-Open Web of Science. ISBN: 978-1-80356- 633-7
ii. **Sunita Mishra**, M.A. Firdaus (2023),"Trans-Fat Consumption Associated with Coronary Heart Disease Risk and its Replacement in Bakery Products using Edible gels" in Research Trends in Multidisciplinary Research and Development Weser Books Germany, ISBN No: 978-3-96492- 356-1
iii. **Sunita Mishra**, M.A. Firdaus (2023), "Formulation of Edible Bigel with potential to Trans-fat replacement in food products" in Research Trends in Multidisciplinary Research and Development Weser Books Germany. ISBN.No. 978-3-96492- 356-1

iv. **Sunita Mishra** and Monika Patel (2022), "Application of Bio-Based Nanocomposites in Food Packaging and Processing" in Advances in Agricultural and Life Sciences" ISBN No: 978-3-96942-442-1

v. Ruchi Verma and **Sunita Mishra** (2022), "Food Safety Issues of Street Foods and Dietary Practices by Schooling Adolescents" in Research Trends in Multidisciplinary Research and Development Weser Books Germany. ISBN.No. 978-3-96492- 356-1

i. Prof. U.V Kiran

S.No.	Author Name	Year	Chapter Title	Book Title	Publisher	Page No./Vol./Issue
1.	U.V. Kiran, Sonu, and Jagdish Mehta	2023	Transition in family dynamics: Paradigm Shift during and post-Covid era	Frontline workers and women as warriors in the Covid-19 Pandemic	Routledge (Taylor & Francis)	279-288
2.	Kiran U. V. and Pandey P.	2022	Commercial Painting Hazardous and Respective Personal Protective Equipment's, Technology Enabled Ergonomics Design	Technology Enabled Ergonomics Design, Design science and Innovation	HWWE-2020, Springer	117-124
3.	Kiran U. V. and Santosi	2022	Microbial Growth in Wastes and Its Health Impact on Rag Pickers	Technology Enabled Ergonomics Design, Design science and Innovation	HWWE-2020, Springer	349-355
4.	Kumari, S &Kiran U.V	2022	The Impact of Second Wave of COVID-19 on Women Rag Pickers in India,	Covid-19 second wave: challenges for sustainable development: CCSD 2021, 978-93-559305-5-2	DigambarraonBindu arts, commerce &science college and Asian biological research foundation(ABRF) Prayagraj, India,	61-65,

ii. Dr.Neetu Singh

a) Climate Change and Water Security: Challenges for Adaptive Water Management. Microbiological Role for Water Activity and Food Security (2022). ISBN 978-93-91002-02-2

iii. Dr. Shalini Agarwal

a) Shatakshi Khanna, **Shalini Agarwal** and Khwairakpam Sharmila. 2022. **Mental well-being od domestic workers residing in Lucknow City.** Family wellbeing- A protective approach to family relationship. Edited by Neetu Sigh, SumanAuichya and ShivangiPrabhat. Darshan Publishers, Tamil Nadu, India. Vol.1 Edition 1, pg no. 16-28. ISBN:978-93-93942-15-9

b) Shivani Singh and **Shalini Agarwal**. 2022. **Association between age and online gaming addiction: A cross-sectional study**. Understanding Child Prenatal to Adolescence. Edited by SaritaKumari Walnut Publication. 75-83. ISBN N0-978-93-5574-339-8

iv. Dr.KhwairakpamSharmila

a) Shatakshi Khanna, Shalini Agarwal and KhwairakpamSharmila (2022). Mental wellbeing of domestic workers residing in Lucknow city. In Family Wellbeing – A protective approach to

family relationship. Edited by Dr Neetu Singh, Dr.SumanAudichya and ShivangiPrabhat.Darshan Publishers, Tamil Nadu, India. Pp: 16-28.ISBN: 978-93-93942-15-9

15. Paper published during the year by the faculty members (during 01-04-2022 to 31-03-2023)

i. Prof. Sunita Mishra

a) Ruchi Verma, Monika Patel, Deep Shikha, **Sunita Mishra** (2023), Assessment of food safety aspects and socioeconomic status among street food vendors in Lucknow city. Journal of Agriculture and Food Research (Elsevier). ISSN No. 2666-1543

b) Deepshikha and **Sunita Mishra** (2023), A Comparative Study of Nutritional Assessment and Dietary modification impact on End Stage Renal Disease (ESRD) patients on Haemodialysis, Acta Biomed (Scopus). ISSN No. 0392-4203

c) **Sunita Mishra** and Rajani Singh (2023), A review on role of nanotechnology for sustainable agriculture to increase crop productivity. Journal of Food Nutrition and Health (Publon, Web of Science).

d) **Sunita Mishra**, MA Firdaus, Monika Patel, Gajanan Pandey (2023) "A study on the effect of repeated heating on the physiochemical and antioxidant properties of cooking oils used by fried food vendors of Lucknow City.Discover Foods (Springer Nature).

e) Monika Patel, M. A. Firdaus &**Sunita Mishra** (2022), Influence of ZnO and CuO nanoparticle on the shelf life and physiochemical properties of guava (Psidiumguajava) fruits and juice**.** CyTA - Journal of Food, Taylor Francis. ISSN: 1947- 6345.

f) DeeptiSingh ,**Sunita Mishra** (2022), Effectiveness Of An Adoptive E-Learning Resources; Intervention On School Going Students' Learning In Comparison To Traditional Instruction. Journal of Positive School Psychology, Scopus. ISSN: 2717- 7564

g) Monika Patel, **Sunita Mishra**, Ruchi Verma and Deepshikha (2022) Synthesis of ZnO and CuO Nanoparticle Via sol-gel method and its characterization by using various technique, Discover Materials (Springer Nature)

h) Samridhi Singh &**Sunita Mishra** (2022), Development and analysis of Edible Spoons. Strad Research. ISSN:0039- 2049

i) Samridhi Singh and **Sunita Mishra** (2022), Organoleptic and Morphological Analysis of Citrus Peel Powder. Asian Food Science Journal, Scopus. ISSN: 2581- 7752

j) Purnima KumariPrajapati and **Sunita Mishra** (2022), An analysis of Antioxidant and AntiMicrobial Properties of The Vegetable Chunks. YMER, Scopus. ISSN:0044- 0477

k) Purnima KumariPrajapati and **Sunita Mishra** (2022), Vegetable Chunks as a Potential Source of Nutrients. International Journal of Novel Research and Development. ISSN: 2456- 4184.

l) Akansha Shukla and **Sunita Mishra** (2022), Enrichment of Pseudomonas aeruginosa in the production of compost formed from 2 different seasons of kitchen waste (summer and winter). DICKENSIAN JOURNAL. ISSN:0012- 2440

m) Akansha Shukla, **Sunita Mishra** (2022), Isolation and Screening of Potential Bacteria Responsible for Biodegradation of Kitchen Waste in the Winter Season. Zeichen Journal. ISSN : 0932- 4747

n) Pal Saurab and **Sunita Mishra** (2022), Morphological and Anti-Microbial Study of Whey Protein Concentrate Prepared by Dehydrating Milk Serum. Asian Food Science Journal, Scopus. ISSN: 2581- 7752.

o) Pal Saurab and **Sunita Mishra** (2022), FT-IR determination and Antioxidant Activity (DPPH) of whey protein concentrate prepared by dehydrating Milk Serum and its sensory Evaluation. International Journal for Research Trends and Innovation. ISSN: 2456- 3315

p) Tripti Srivastava, **Sunita Mishra** (2022), An Analysis of Antioxidant and Anti-Microbial Properties of Therapeutic Kadha Tablet for Immunity Booster. International journal of progressive research in science and engineering. ISSN (Online): 2582-7898

q) Tripti Srivastava, **Sunita Mishra** (2022), Proximate Analysis and Organoleptic Properties of therapeutic Kadha tablet for Immunity Booster. Journal of Ayurveda and Integrated Medical Sciences. ISSN: 2456- 3110.

r) Savita Yadav, Madhvi Daniel, **Sunita Mishra** (2022), Antioxidant and antimicrobial analysis of spreadable cheese incorporate with button mushroom powder. International Journal of Health Sciences. ISSN: 5261– 5273

s) Savita Yadav and **Sunita Mishra** (2022), Optimization and Standardization of Spreadable Cheese Fortified with Mushroom Powder. Acta Scientific Nutritional Health, Scopus. ISSN:2582- 1423

t) Shalini Yadav and **Sunita Mishra** (2022), Development and quality evaluation of ready-to- cook rice products (dhokla&idli mix): fortified with moringa leaves powder. Carpathian Journal of Food Science and Technology. ISSN-L 2066-6845

u) **Sunita Mishra**, ShaliniYadav , Priyanka Shankar and Madhvi Daniel (2022), development and quality evaluation of ready-tocook rice products (dhokla&idli mix): fortified with moringa leaves powder. Strad Research. ISSN: 0039- 2049

v) DeffodileBharali and **Sunita Mishra** (2022), sensory evaluation and consumer awareness towards ragi flour dumplings by using traditional herbs. Journal of Advances in Food Science & Technology, Scopus. ISSN: 2454- 4213.

w) DeffodileBharali ,**Sunita Mishra**, Smriti Mishra and Shivani Sinha (2022), Evaluation of Proximate Composition, Minerals and Micronutrient Contents of Finger Millet Herbi Dumpling. European Journal of Nutrition & Food Safety, Scopus. ISSN: 2347- 5641.

x) Neha Dhoundiyal, Madhvi Daniel, **Sunita Mishra** (2022), Mineral enriched novel energy bar developed from underutilized Chironji seeds and its shelf life evaluation. YMER, Scopus. ISSN:0012- 2440

y) Neha Dhoundiyal, **Sunita Mishra** (2022), Fiber and Antioxidant Rich Energy Bar and its Organoleptic. DICKENSIAN JOURNAL, Scopus. ISSN:0012- 2440.

z) Ayushi Pathak, **Sunita Mishra**and Priyanka Shankar (2022), chemical characterization and antioxidant property of fermented banana vinegar. International Journal of Modern Pharmaceutical Research. ISSN: 2319- 5878.

aa) Deepali Singh &**Sunita Mishra** (2022), Optimisation, morphological profile and anti-oxidant propertiesofrawbanana flour. International Journal of Food Science & Technology (IJFST), Scopus.

bb) Deepali Singh, **Sunita Mishra** (2022), Proximate Analysis, Physicochemical Characteristics and Health Promoting Properties of Raw Banana Flour. International journal of progressive research in science and engineering. ISSN: 2582- 7898.

cc) Shivangi Gupta, **Sunita Mishra**, Madhvi Daniel (2022), Proximate and Microbial Analysis of Osmotically Dehydrated Papaya and Guava Fruit Cubes. Science, Technology and Development. ISSN : 0950- 0707.

dd) Shivangi Gupta, **Sunita Mishra**, Madhvi Daniel (2022), Organoleptic Characteristics and Community Acceptability of Developed Osmotically Dehydrated Papaya and Guava Fruit Cubes. GIS SCIENCE JOURNAL, Scopus. ISSN: 1869- 9391.

ee) Priya Singh &**Sunita Mishra** (2022), Qualitative Phytochemical screening and elemental analysis of Thai basil leaves using SEM-EDS, XRD. YMER, Scopus. ISSN: 0044- 0477.

ff) Priya Singh and **Sunita Mishra** (2022), Evaluation of Total Phenolic, Flavonoid Content and Antioxidant Activity of Essential Oil Extracted from Aromatic Plant Thai Basil Leaves (OcimumBasilicum Var. Thyrsiflorum). Acta Scientific Nutritional Health, Scopus. ISSN:2582-1423.

gg) Varnika Mishra &**Sunita Mishra** (2022), Evaluation of functional and physiochemical properties of banana peel and preparation of herbal tea using the peels, aswagandha and tulsi. International Journal of Food Science & Technology (IJFST), Scopus.

hh) Rajat Kumar Singh and **Sunita Mishra** (2022), An Analysis of Antimicrobial Properties of Papaya Incorporated with Nano Emulsion. Journal of Interdisciplinary Cycle Research. ISSN: 0022- 1945

ii) Rajat Kumar Singh, **Sunita Mishra** (2022), Analysis of Change in Nutritional Value of Raw Papaya and Nano Emulsion Coated Papaya. International journal of progressive research in science and engineering. ISSN: 2582- 7898.

jj) Bidhilika, **Sunita Mishra** (2022), Physicochemical Properties and Microstructure of Ready-To-Eat (RTE) Breakfast Cereal Made from Popped Pearl Millet, Amaranth Grains and Groundnut Powder. International Journal of Research in Engineering, Science and Management. ISSN: 2581- 5792.

kk) Bidhilika, **Sunita Mishra** (2022), Proximate and Antioxidant Analysis of RTE Breakfast Cereal Made from Popped Pearl Millet, Amaranth Grains and Groundnut Powder. International Journal of Science and Research (IJSR). ISSN: 2319- 7064

ll) Ananya Arya, Madhvi Daniel, **Sunita Mishra** (2022), Studies on Development Sensory and keeping qualities of Ready-to-cook [instant] water chestnut kheer mix. DICKENSIAN JOURNAL, Scopus. ISSN:0012- 2440.

mm) Ananya Arya, Madhvi Daniel, **Sunita Mishra** (2022), Physicochemical Characteristics, Microstructure and Health promoting properties of water chestnut flour. Journal of Interdisciplinary Cycle Research. ISSN: 0022- 1945.

nn) KavitaGautam, **Sunita Mishra**,B.B.Malik (2022), children's fast food consumption. GIS SCIENCE JOURNAL,Scopus. ISSN: 1869- 9391

oo) KavitaGautam ,**Sunita Mishra**, B.B.Malik (2022), Junk Food Impact on Children's Health. INFOKARA RESEARCH. ISSN: 1021- 9056

pp) Dhananjay Kumar, Raj Kamal Kishor, Urvashi Sharma, **Sunita Mishra**, Aneet Kumar Yadav, Narendra Kumar (2022), Geoclassification of fluoride-affected areas of Lucknow.

ii. Prof.U.V Kiran

a) Pandey P, Kiran U.V, 2023, Exposure to paints and respiratory health ailments among painting workers, Cogent Engineering10:1, 2185936, DOI: 10.1080/23311916.2023.2185936

b) Shikha, Kiran U. V., 2023, Combating Cognitive Dysfunction among CKD Patients: Need for Effective Treatment Module, Journal for Reattach Therapy and Developmental Diversities*, 6*(3s), 498-505.

c) Rawat, N., &Kiran, U. V., 2022, Developmental Pattern of Phonological Awareness Skill in Indian Alphasyllabic Languages and English: Educational Implications, Special Education, 2(43)

d) Kumari, S, Kiran, U.V,, 2022, Ergonomic hazards among rag pickers in India: an analytical study, Cogent Engineering, 9:1, 2124649, DOI: 10.1080/23311916.2022.2124649

e) Kumari, S, Kiran, U.V, 2022, Prevalence of health problems of rag pickers due to various hazards at Lucknow city, Human Factors in Healthcare, 2, 100023 Volume 2, 2772-5014, https://doi.org/10.1016/j.hfh.2022.100023.

f) Singh, S, Kiran, U. V, Pandey, P, 2022, Impact of Shift Work on Sleep Quality Among Security Guards, International Journal of Scientific Research, 11 (10), 2277 – 8179, DOI : 10.36106/ijsr

g) Singh, K, Kiran, U. V, Pandey, P 2022, Postural Discomfort and Intensity of Pain Among Street Vendors, International Journal of Scientific Research, 11 (10), 2277 – 8179, DOI : 10.36106/ijsr

h) Singh, S, Kiran, U. V, Pandey, P , 2022, Potential Impact and Perspective of Shift Work on Fitness of Security Guards: A Review,, Asian Pac. J. Health Sci., 2022;9(4S1):185-188, 2349-0659, DOI: 10.21276/apjhs.2022.9.4S1.33

i) Singh, N, Kiran U.V, Pandey P, and Sharma V, 2022, Remote Working and Its Impact on Upper Extremities, Journal of Eco physiology and Occupational Health, 21(4) 180

j) Gangwar A &U.V.Kiran, 2022, Life Satisfaction and Its Associated Factors - A Correlational Study Among Carpenters, Journal of Eco physiology and Occupational Health 21(4):159

k) Singh, N, Kiran U.V, Pandey P, , 2022, Risks in Work and Upper Limb Discomforts, Kala Sarovar Journal

l) Dixit, S, Kiran U.V, Pandey P., 2022, Behavioral Changes and Cognitive Decline among Elderly,, Asian Pac. J. Health Sci., 2022; 9(3):145-147

m) Dixit, S, Kiran U.V, Pandey P., 2022, social isolation among elderly, Indian journal of Gerontology, 36(3), 346-354, 0971-4189

iii. Dr. Neetu Singh

a) Nanda, A. and Singh, N., 2022. Preparation and Antimicrobial Activity of Corn Cob and Coir Reinforced Biodegradable Starch Biocomposite Films for Food Packaging Application. *Asian Food Science Journal*, *21*(7), pp.53-66.

b) Yadav,D. and Singh, N., 2022.A Comparative Analysis of Vegan Honey with Natural Honey Composition.YMER, 21(6), pp.185-193.

c) Lata, S. and Singh, N., 2022. A Study on environmental factors associate with Malnourished Condition in rural areas of Lucknow District. Dickensian journal, 22(6), pp.1693-1701.

d) Pandey, S. and Singh, N., 2022. Morphological Analysis of Developed Value Added Sambhar Masala Powder By SEM and XRD.Gradiva review journal, 8(5), pp. 837-843.

e) Yadav, D. and Singh, N., 2022. Development and Sensory Evaluation of Vegan Honey as Nutraceutical Products.Zeichen journal, 8(5), pp. 165-172.

f) Nanda, A. and Singh, N., 2022. Preparation and Characterization of Starch-Based Hybrid Bicomposite Films Reinforced By Corn Cob and Coconut Coir for Food Packaging. Strad Research Journal, 9(5), pp.25-40.

g) Lata, S. and Singh, N., 2022. A study on to know dietary practices of children and correlate factors with malnourish condition among under five-year children year children in rural area of Lucknow district. Science, technology and development Journal, 11(6), pp.604-615.

h) Shikha, K. and Singh, N., 2022. A study on weight status pre and post covid-19 among school going children Lucknow city. Science, technology and development Journal, 11(6), pp.408-417.

i) Pandey, K. and Singh, N., 2022. A study on orange peel flour instant premix cake and their proximate analysis. Compliance Engineering Journal, 13(5), pp.133-139.

j) Shikha, K.and Singh, N., 2022. A Study of Covid-19 period on Dietary patterns among School going children (5-12 years) age group. Dickensian journal, 22(6), pp.1916-1924.

k) Awasthi, S. and Singh, N., 2022.An Analysis of Antioxidant Properties of *Terminaliaarjuna* bark Tea Sachets.Journal of Interdisciplinary Cycle Research 14(6), pp.1044-1051.

l) Mayank, M. and Singh, N., 2022. Assessment of survivality of *Saccharomyces boulardi* and *Streptothermophilus*in different fruit juices. Bulletin Monumental Journal 23(6), pp.30-35.

m) Swati and Singh, N., 2022. Sensory evaluation of developed value added Sambhar masala with fruits seeds (cucumber, muskmelon and pumpkin seeds) powder. GIS SCIENCE JOURNAL 9(11), pp.1869-9391.

n) Kesarwani, S. and Singh, N., 2022. Advancement of probiotic beverage using pineapple (*AnanasComosus*) juice: physic-chemical, shelf life stability and antimicrobial analysis. MuktShabd Journal 11(5), pp.358-367.

o) Singh, M. and Singh, N., 2022. Standardization of developed therapeutic hibiscus chocolate on its sensory evaluation. The international journal of analytical and experimental Modal analysis 14(5), pp.516-531.

p) Singh, M. and Singh, N., 2022. Formulation and nutritional evaluation of therapeutic hibiscus chocolate and their proximate analysis. Science, technology and development 5(6), pp.201-208.

q) Swati and Singh, N., 2022.Sensory evaluation of developed fortified instant premix cake by using orange peel. Journal of interdisciplinary cycle research 14(5), pp.800-814.

r) Mayank, M. and Singh, N., 2022.Assessment of viability of probiotic bacteria in different fruit juices and beverages. Strad Research Journal, 9(5), pp.584-591.

s) Shikha, K. and Singh, N., 2022. Impact of Covid 19 on employment. Bulletin of environment, pharmacology and life sciences, 1, pp.205-214.

iv. Dr.Shalni Agarwal

2023

Singh S. and **Agarwal S** (2023).Facilitation of Holistic Development among Adolescents: Criticality of Life Skills Education. *Res Militaris- Social Science Journal.* vol.13,(3,) March Spring 2396- .2411

2022

a) Verma P. and **Agarwal S.** (2022). Mental wellbeing among vulnerable migrant workers at Lucknow city: A research paper. *Zeichen Journal*. Vol 8(9). 131-143. ISSN No. 0932-4747

b) Pandey R. **Agarwal S.** and Khwairakpam S. (2022). Mental wellbeing of frontline workers Post Covid -19 Pandemic: A Comparative study. *International Journal of Scientific Research*. Vol 11 (10). ISSN- 2277-8199.

c) Singh A, Khawirakpam S.and**Agarwal S. (2022).** Opportunities gained by Parents and Early Childhood Educators from Virtual Learning**.** *International Journal of Scientific Research*. Vol 11 (10). ISSN- 2277-8199.

d) Singh A, Khawirakpam S., **Agarwal S.** and Prajapati G. (2022). A study on level of adversity quotient of adolescents across age and gender. *Asian Pacific Journal of Health Science*. Volume 9(4 (S)). 168-170. ISSN - 2350-0964. (October-December)

e) Mishra N., **Agarwal S.** and Khwairakpam S. (2022). Mental Wellness of School Teachers using Virtual Pedagogy. *Asian Pacific Journal of Health Sciences*. Vol. 9 (4). 206-208. (October-December).

f) Preeti, **Agarwal S** and Khwairakpam S. (2022). Quality of Life Among Senior Adults Across Gender Residing in Lucknow City. *Asian Pacific Journal of Health Science*. Volume 9(3). 27-28. ISSN - 2350-0964. (July -September)

g) Mishra N., **Agarwal S.** and Khwairakpam S. (2022). To assess postural discomfort of school students using virtual pedagogy. *Asian Pacific Journal of Health Sciences*. Vol. 9 (4S). 109-111. ISSN - 2350-0964. (April-June)

h) Rao P and **Agarwal S**. (2022). Spiritual Intelligence Among the Elderly Across Gender: A Comparative Study. *Asian Pacific Journal of Health Science*. Volume 9(2). 218-220. ISSN - 2350-0964. (April-June)

i) Preeti ,**Agarwal S** and Khwairakpam S. (2022). Successful Aging Among Adults Across Age Residing in Lucknow City. *Asian Pacific Journal of Health Science*. Volume 9(2). 1-4. ISSN - 2350-0964. (April-June)

j) Singh A, Khawirakpam S and **Agarwal S.** (2022). Assessing Various Strategies used by Adolescents to Overcome Adversity. *Asian Pacific Journal of Health Science*. Volume 9(2). 221-225. ISSN - 2350-0964. (April-June)

k) Kumari A, Khwairakpam S. and **Agarwal S.** (2022). Aspect of Identity Crisis Faced by Adolescents: A Comparative Study of Rudrapur and Lucknow. *Asian Pacific Journal of Health Science*. Volume 9(2). 165-168. ISSN - 2350-0964. (April-June)

v. Dr. K Sharmila

a) Prajapati G and **KhwairakpamSharmila**(2022) Assistive Device Usage in coping of elderly with fragility fracture. Annals of Forest Research 65(1):653-662.

b) AnjuKumari,**KhwairakpamSharmila and** Agarwal S (2022) Self-Identity crisis faced by adolescents of Rudrapur and Lucknow City: A comparative Study. Kala Sarovar 25(1): 102-105.ISSN: 0975-4520

c) AnjuKumari,**KhwairakpamSharmila and** Agarwal S (2022) Aspects of Identity faced by adolescents: A comparative Study of Rudrapur and Lucknow. Asian Pacific Journal of Health Sciences 9(2): 165-168.e-ISSN: 2349-0659; p-ISSN: 2350-0964

v. Priyanka Shankar

a) Sonali Jaisawal and Priyanka Shankar (2022) Optimization of Quinoa Seed Powder for Preparation of Sugarfree Burfi by Response Surface Methodology (RSM). Asian Food Science Journal 21(8): 52-60.

b) Shrishti Singh and Priyanka Shankar (2022) Morphological Properties and Shelf Life Estimation of Teff Fortified Wheat Flour Tortillas. International Journal of Research Publication and Reviews. 3(6): 1744-49.

c) Surya Pratap Gautam and Priyanka Shankar (2022) Development of Calcium and Vitamin D Fortified Tofu and its Shelf Life Evaluation. Dickensian Journal. 22 (6): 1160-66.

d) Ayushi Pathak, Sunita Mishra and Priyanka Shankar (2022) Chemical Characterization And Antioxidant Property Of Fermented Banana Vinegar. International Journal of Modern Pharmaceutical Research. IJMPR 2022, 6(5), 89-91.

e) Surya Pratap Gautam and Priyanka Shankar (2022)Development of Calcium and Vitamin D fortified Tofu and its Sensory evaluation. Science, Technology and Development Volume XI Issue V MAY 2022, 227-30.

f) Sonali Jaiswal and Priyanka Shankar. Proximate Analysis, Phytochemical Analysis, Colour Estimation, Antioxidant, Antibacterial Analysis, Shelflife Analysis of Sugarfree Burfi Optimization from Quinoa Seed Powder and Stevia. European Journal of Nutrition & Food Safety. 14(5): 30-41, 2022.

16. Attended/Participated in conference/ seminar/ workshop inside country:

i. Prof. Sunita Mishra

a) **Prof. Sunita Mishra** participated in Seminar on **'Millets (Shree-Anna) For Nutrition and Food Security'** Organized by Dept. of Home Science, Gorakhpur University (29 April 2023).

b) **Prof. Sunita Mishra**participatedin**one-day awareness cum sensitisation workshop on the occasion ofNational Girls Child Day** organized by BBAU, Lko (2023).

c) **Prof. Sunita Mishra** participated in a National Seminar on **'International Day of Human Rights'**organised by Tejas Institute, Baghpat, Uttar Pradesh. (10 Dec 2022).

d) **Prof. Sunita Mishra** participated in Indo-Uzbek Meet & International Conference on "**Trends &Innovations in Food Technology"** organized by Integral University (24th to 25th Nov, 2022).

e) **Prof. Sunita Mishra** participated ina Conference on "**Control of Green House Gasses at the Source by Physical and Chemical Technologies"** (Lucknow Climate Change) organized by BBAU, Lucknow under SDG (22-24 April 2022).

f) **Prof. Sunita Mishra** participated in **"Millets for Nutrition and Food Security"** organized by P.G. Department of Home Science, Berhampur University, Odisha (3 May 2023).

g) **Prof. Sunita Mishra** participated in '**Millets (Shree-Anna) For Nutrition and Food Security'** organized by P.G. Dept. of Home Science Rama Devi Women University, Bhubaneswar, Odisha (4 May 2023).

ii. Dr. U.V. Kiran

a) 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

b) Cognitive disabilities among Chronic Kidney Disease: Early Detection is the Best intervention National Seminar on Rehabilitation of People with Disabilities: Early identification and Interventions BBAU, Lucknow, 2023

c) Clinical effects of Yoga and meditational practices on Chronic Kidney disease: A systematic Review International Conference on "Multidisciplinary research perspectives Research and publication cell, BSSS College, Bhopal, India, 2023

d) Developmental Pattern of Phonological Awareness Skill in Indian Alpha syllabic Languages And English: Educational Implications International Conference on English Literature and Linguistics (ICELL-22) Institute for Technical and Academic Research(ITAR), Delhi 2022

e) Animal Veterinary and fishery sciences 108th "Indian Science Congress" Indian Science Congress Association 2023

f) Exposure to Paints and Respiratory Health Ailments among Painting Workers in Commercial Sectors 2nd International Conference on Global Healthcare and Nutrition Paris, France 2022

g) Mental Health Promotion and Support Strategies Mental Health Promotion and Support Strategies Department of Business Administration, School of Management Studies and Commerce, VELS University, Chennai 2022

h) Dr. B.R. Ambedkar's perspective on women: Emancipating and Empowering Women for Nation Building and development National Seminar to celebrate Azadi ka Amrit Mahotsav on the theme: India@ 75 years of Independence: Celebrating Unsung Women Freedom Fighters G.B. Pant Social Science Institute (University of Allahabad), Prayagraj 2022

iii. Dr. Neetu Singh

a) Two Days National Seminar on Rehabilitation of People with Disabilities: Early Identification and Interventions (2023). BBAU, Lucknow, in collaboration with Department of Empowerment of Persons with Disabilities Government of Uttar Pradesh.

b) Invited speaker in 25th World Congress On Clinical Nutrition (WCCN)on "Functional Food as Bioactive Compounds" (2022). Era University in collaboration with International College Of Nutrition (ICN).

c) Participated in "RashtriyaPoshanMaah" (2022). Department of Food & Nutrition, BBAU, Lucknow.

d) Invited lectures on "**किसानोकीआयवृद्धिएवमउद्यमिताविकासकेलिएप्रशिक्षण**" (2022). Department of environmental science, BBAU, Lucknow. DSTSEED And Centre Science & Technology.

e) One day skill development training program for villagers (2022). Department by BBAU, Lucknow.

f) Invited lecture on "Awareness on Millets" (2023). Hindustan Aeronautics Limited, Accessories Dívision, Lucknow.

iv. Dr.Shalini Agarwal

a) Presented a paper on "**Sexual and Reproductive Health and Rights of Women and Girls with Disabilities"** in two days National Seminar on Rehabilitation of People with Disabilities: Early Identification and Interventions, organized by Department of

Empowerment of Persons with Disabilities, Government of Uttar Pradesh and Gender Champions Committee, BBAU, held on 24th- 25th March, 2023.

b) Presented a paper on **'Yoga as a tool for developing emotional, moral and social skills in school children"** in two days National Seminar on Advancement and Strategies for sustainable Development and Environmental Protection , organized by Netaji Subhash Chandra Base Government Girls P.G. College, Aliganj, Lucknow, held on 17th-18th January, 2023.

c) Presented a paper entitled **"Menstrual Hygiene in Visual Impaired Adolescent"** in two days National Seminar on Inclusiveness of the differently abled women: Challenges and Opportunities in India, organized by basic Facilities for Women, BBAU, Lucknow held on 30th-31st December 2022.

d) Presented a paper on **" Situating Life Skills for Sustainable Future"** in three days International Conference on Life Skills Education organized by Indian Association of Life Skills Education and Department of Political Science, Rajdhani College, University of Delhi in collaboration with UNFPA, held on 4th-6th November, 2022

e) Participated in National Webinar on **Journey of Early Childhood Education in India**, organized by Smt. P.N. Doshi Women's College, Mumbai in association with AECED, held on **13th August 2022**

f) Participated and presented a paper in IV International Conference on **Innovative and Current Advances in Agriculture and Allied Sciences**, organized by Society of Scientific Development in Agriculture and Technology, Meerut, organized at HP University, Summer Hill, HP, held on **12th- 14th June, 2022.**

g) Participated in Virtual World Conference on **Reimagining and Reshaping Early Childhood Care and Education in the New Era**, organized by Association of Early Childhood Education and Development, from **2nd - 4th June, 2022.**

v. Dr. K Sharmila

a) **Presented** a paper entitled "Disability and Employment: A review in the Two Days National Seminar on "Rehabilitation of people with disabilities: Early identification and interventions" jointly organized by Department of Empowerment of persons with Disabilities, Government of Uttar Pradesh and Gender Champion Committee of BabasahebBhimraoAmbedkar university, Lucknow on **24th and 25th March, 2023.**

b) **Presented** a paper entitled "Disability and Geriatric Health" in the Two Days National Seminar on "Rehabilitation of people with disabilities: Early identification and interventions" jointly organized by Department of Empowerment of persons with Disabilities, Government of Uttar Pradesh and Gender Champion Committee of BabasahebBhimraoAmbedkar university, Lucknow on **24th and 25th March, 2023.**

c) **Presented** a paper entitled "Role of Yoga and Spirituality on the Physical and Mental Hea;th of Elderly" in the National Seminar on Advancement and Strategies for Sustainable Development and Environmental protection, organized by NetajiSubash Chandra Bose Govt. Girls P.G College, Aliganj, Lucknow**on 17-18th January, 2023.**

d) **Presented** a paper entitled "Mental Health problems among Street Children in Contemporary India in Two Day International Conference on Multidisciplinary Perspectives-2023. Organized by The Bhopal School of Social Sciences on **16th-17th February, 2023.**

vi.Dr. Priyanka Shankar

a. Participated in two - day national workshop on Gerobiotics Supplementation through Millet Beverage and Fermented Millet Curd.

17. Consultancies by Prof Sunita Mishra,

i. United Nation World Food Programme
ii. Chairperson- NAAC (2023)
iii. Member coordinate- NAAC (2014-18; 2020-22)

18. Details of MOOC/ online courses developed by the faculty

Prof **Sunita Mishra**has created an online content for MOOC on Nutraceutical & Functional Food.

19. Details of Policy Reports

A report on LOCF- UGC Under graduate programme: A templete submitted by **Sunita Mishra**

20. Details of invited lecture inside the country:-

a) **Prof Sunita Mishra** Delivered A lecture in Two-Days Conference on '**Work-Life Balance and Well-Being of Working Women in Changing Social Dynamics'** organized by Dept. of Home Science, Mahila Mahavidyalaya, BHU on March 13-14, 2023.

b) **Prof Sunita Mishra** Delivered a lecture in **one-day awareness cum sensitisation workshop on the occasion of National Girls Child Day** organized by BBAU, Lko (2023).

c) **Prof Sunita Mishra** Delivered a lecture **on "Food contamination by persistent pollutants and its effects in food processing"** in a refresher programs on Role of Biotechnology in migrantion of pollution and restoration off environment, organized by Dept. of Biotechnology, GIET University, Gunpur,Odisha. (2022).

d) **Prof Sunita Mishra** Delivered a lecture in a National Seminar on **'International Day of Human Rights'**organised by Tejas Institute, Baghpat, Uttar Pradesh. (10 Dec 2022).

e) **Prof Sunita Mishra**delivered lecture in a Conference on **Control of Green House Gasses at the Source by Physical and Chemical Technologies** (Lucknow Climate Change) organized by BBAU, Lucknow under SDG (22-24 April 2022).

21. Details of National Award/fellowship:

i. **Prof Sunita Mishra**Awarded in 'Two Days International Conference on Religious Tourism' sponsored by Ministry of Tourism, GOI and organized by Dept. of Management Studies, BBAU, Lucknow (27- 28 March, 2023).

ii. **Prof Sunita Mishra**Awarded in 'International Science Congress on Rural Technology and Development' organized by Dept. of Management Studies, BBAU, Lucknow (15-17 Feb, 2023).

iii. **Prof Sunita Mishra**Awarded as Guest of Honour at Indo-Uzbek Meet & International Conference on Trends & Innovations in Food Technology organized by Integral University (24th to 25th Nov, 2022).

21.Details of Patents filled/ awarded

i. "A system for the synthesis of ZnO and CuO nanoparticles using the sol-gel technique" – IPC: C01G 9/02 **– Federal Republic Germany** (Model No. 20 2022 106 618).: **Prof Sunita Mishra**

ii. **"Isolation and Characterization** of Value Added Product from Underutilized Part of Banana" – South Africa. Patent number 2022/12008. **Prof Sunita Mishra**

ii.Dr.U.V Kiran

Patent	Inventors	Title and Award/Application no.
Published	Santoshi & U. V. Kiran Date: 20/05/2022	Kit For Rag Pickers Comprises Multifunctional Rag Picking Stick and Garbage Bag Application No.202211027916 A

22.Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	M.Sc. FST	
	M.Sc. FN	
	M.Sc. HDFS	
Number of student pursuing higher studies	03	
Number of student selected on other government jobs/banking/school teaching etc	Govt Job	02
	Teaching in Higher Eduaction	04
	Teaching	02
	Job	12
Number of Students placed through campus interview	03	
Number of student awarded SLET/NET/JRF/any other fellowship	NET 04, JRF 01	

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

S.No	Name of the student	Guide	Title of thesis	Fellowship availed/ availaing
1.	Mrs. Swati Rai	Prof **Sunita Mishra**	Impact of Okra Seed (AbelmoschusEsculenutus) in lowering the blood sugar and cholesterol level	UGC SRF

2.	Neeraj Kumar Tyagi	Prof **Sunita Mishra**	Efficacy and Development of premix as a Nutrigenomics super food for life style related diseases	Non NET
3.	Deeptisingh	Prof **Sunita Mishra**	Urban and Semi-urban High School Students: Comparison in Respect to E-learning Resources their Dependency and Effect on Academic Performance.	Non NET
4.	Monika Patel (Viva Voce Done)	Prof **Sunita Mishra**	A Study on Shelf Life of Food through Smart Packaging using Nanotechnology	UGC-NFOBC
iii. Ph. D student's Pursuing				
1	Ruchi Verma	Prof **Sunita Mishra**	Food Safety and Security aspects of Streets foods: An Interventional Study	Non NET
2	Deepshikha	Prof **Sunita Mishra**	Nutritional Assessment of Patients undergoing Haemodialysis at Dialysis centre in Central Urban Lucknow	Non NET
3	M.A Firdaus	Prof **Sunita Mishra**	Nutritional Aspects of trans Fatty acid and its dietary consumption related to coronary heart disease	UGC SRF
4	Rajni Singh	Prof **Sunita Mishra**	Nutritional, Nutraceutical and Processing aspects of the traditional food fortified by millets " Nutri-Cereals"	Non NET
5	KureelSanjeetBabu lal	Prof **Sunita Mishra**	-	NFSC
6	Zia Parveen	Prof **Sunita Mishra**	-	Non Net

ii. Dr. U.V Kiran

i. Accomplishment of the students:

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

S.no.	Dissertation awarded	Year
1.	Assessment of quality of life of the street vendors	2022
2.	Shift work and its impact on physical and mental health of security guards	2022
3.	Noise pollution and its impact on physical and psychological well-being of traffic police	2022

Ph. D Perusing during the year: 06

S.No.	Student	Guide	Co-guide	Fellowship availed/ availing
1	Santoshi	Dr. U.V. Kiran	Nil	Doctoral fellowship
2	Padmini Pandey	Dr. U.V. Kiran	Nil	ICSSR Scholarship
3	Shikha	Dr. U.V. Kiran	Nil	UGC- JRF (Availed)
4	Neha Rawat	Dr. U.V. Kiran	Nil	UGC Non-net Fellowship
5	Savita Mishra	Dr. U.V. Kiran	Nil	UGC Non-net Fellowship
6	Rishi Singh	Dr. U.V. Kiran	Nil	UGC Non-net Fellowship

a) Number of student completed their Masters/Graduation/Diploma- **48 completed Masters 3 undergoing**

iv. Shalani Agarwal

v. Faculty wise supervision of the Ph.D and M.Phil Student Dissertation and thesissubmission/degree awarded

Ph. D Perusing during the year: 03

Sl.No.	Student	Guide	Co-guide	Title	Fellowship availed/availing
01	Poonam Verma	Dr. Shalini Agarwal	Nil	Mental wellbeing and Occupational Health Safety (OHS) vulnerability among migrants of Lucknow city.	UGC JRF (Availed)
02	Shivani Singh	Dr. Shalini Agarwal	Nil	Life skill enhancement of adolescents residing in shelter homes.	ICSSR Scholarship (Availing)
03	Smitri Singh	Dr. Shalini Agarwal	Nil	Effect of Cognitive Emotion Regulation on Psychological Wellbeing of Abled and Differently Young Adults: An Interventional Study	UGC NON NET Fellowship (Availing)

a) Number of student completed their Masters/Graduation/Diploma- **02 completed Masters**
b) Number of student awarded SLET/NET/JRF/any other fellowship-**01**
c) Details of the Publications of the students (Books/Article/Books' chapter)

- **Ms. Poonam Verma - 01Research paper**
- **Ms. Shivani Singh- 01 Research Paper and 01 Chapter in Book**
- **Ms. Shaktakshi Khanna – 01 Chapter in Book**
- **Ms. Ritika Pandey - 02 Research Papers**
- **Ms. Niharika Singh- 02 Research Papers**
- **Ms. Preeti- - 02 Research Papers**
- **Ms. Pragya Rao - 01 Research Paper**

V. Dr. K Sharmila

a) Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesissubmission/degree awarded

Ph.D. awarded:

S. No.	Name	Guide	Title	Fellowship availed
1.	Ms. HemaDeupa	Dr. Priyanka Shankar	Development of Microencapsulated Spirulina Added Chocolate as a Function Food	---------
2.	Mr. Shailesh Kumar	Dr. Priyanka Shankar	Development of millet based functional food product enriched with dietary fiber concentrate present in fruits and vegetables wastes	----------

Ph. D Pursuing during the year:

Sr.No.	Student	Guide	Co-guide	Title	Fellowship availed/availing
01	GayatriPrajapati	Dr. KhwairakpamSharmila	Nil	Emotional and Mental Wellbeing of Elderly dependent on Assistive Devices	UGC JRF
02	PurnimaRastogi	Dr. KhwairakpamSharmila	Nil	Socio-Cultural determinant and Mental Health: A Comparative Study of Urban and Rural Elderly	UGC NON-NET Scholarship
03	RajaniKarnwal	Dr. KhwairakpamSharmila	Nil	Effect of Fine Motor Skills Intervention on Graph motor Skills of Elementary School Children	UGC NON-NET Scholarship

a) Number of student completed their Masters/Graduation/Diploma- **02 completed Masters**
b) Number of student selected on other government jobs/banking/school teaching etc-Nil International School in New Delhi .
c) Number of student awarded SLET/NET/JRF/any other fellowship-**01 (NET)**
d) Details of the Publications of the students (Books/Article/Books' chapter)
Ms. GayatriPrajapati- 01Research paper
Ms. AnjuKumari- 02 Research Paper
Ms. Shatakshi Khanna – 01 Book Chapter

VI. Priyanka Shankar
Ph.D. students pursuing:

S. No.	Name	Guide	Title	Fellowship availed
1.	Ms. HemaDeupa	Dr. Priyanka Shankar	Development of Microencapsulated Spirulina Added Chocolate as a Function Food	---------
2.	Mr. Shailesh Kumar	Dr. Priyanka Shankar	Development of millet based functional food product enriched with dietary fiber concentrate present in fruits and vegetables wastes	----------

23. Student publications:

S. No.	Name of Student	Books	Book Chapters	Papers in UGC Papers	Papers in other peer
1.	Monika Patel	-	1	1 published in 2022	
2.	Deepshika	-	1	1article published in 2022	
3.	M.A Firdaus	-	3	1 article published in 2023	
4.	Ruchi Verma	-		1 article published in 2023	
5.	Rajani Singh	-	-	1 article published in 2023	

24. Google profile of the faculty members:
i. **Prof Sunita Mishra:**
All Since 2013
Citations: 2602
h-index: 25
i10-index: 62

ii. Dr.U.V Kiran
Citation- 336
H index- 10
i10 index-16

iii.DrNeetu Singh
Citation- 235
H index- 06
i10 index-05

iv.Dr .Shalani Agarwal
Citation- 304
H index- 08
i10 index-08

v.Dr.Khwairakpam Sharmila
Citation- 31
H index-03
i10 index-0

vi.Dr. Priyanka Shankar
Citations-27
h-index-03
i-10 index-01

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 programme's 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 programme's 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 programme's are at par with the needs and demands of the Industry. Presently, the Department offers under graduate, post graduate and doctoral programme's with high emphasis on research and pedagogy.

i) .**Short term goals**

a) Designing highly employable Innovative Programmes
b) Developing Curriculum for School Education
c) Practicing Pedagogical Innovations
d) Promoting Action Research
e) Community Outreach

ii) Long term goals

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

2. **Coursesoffered**

i) Bachelor of Education (B. Ed)
ii) M.A. Education
iii) Ph.D. Education

3. **FacilitiesavailableintheDepartment.**

i) Computer Lab
ii) Departmental laboratory

4. Detailsoffaculty.

i. Prof. Harishankar Singh, Professor, Head and Dean

Specialization: Teacher Education, Philosophy & Sociology of Education, Environmental Education, Educational Administration and Management etc.

Qualification: M.A., M.Ed., Ph.D.

ii. **Dr. Raj Sharan Shahi**, Associate Professor
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. 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

v. **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)

vi. **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)

vii. **Dr. Lalima, Assistant Professor**
Specialization: Educational Psychology, Measurement and Evaluation, Teaching of Biological Science
Qualification: M.Sc., M.A., M.Ed., Ph.D.

viii. **Dr. Subhash Misra, Assistant 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

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)

1. DetailsoftheSeminar/Conference/WebinarorganisedbytheDepartment.

i) Organized workshop on 'Internship Programme' between September7-9, 2022 organized by Department of Education, BBAU, Lucknow

2. OtherDepartmentallevelAcademicActivities

i) (Academicactivitiesthatincludeslectureseries,guestlecturesetc,detailsaboutessay/quizcompetitionetc)
ii) Departmental Council election in the Department of Education on February 2023.
iii) Organized special lecture by Prof. K.M. Bhandarkar, Chairman, CTE (Council of Teacher Education)
iv) Detailsofco-curricular/Extra-curricular/sportsActivities(celebrationofthevariousimportantday,sportsevents,culturalprogrammes,plantationdriveetc)

v) Cultural programs organized by students on various occasions like Teachers day, Welcome Party, Farewell Party, Republic Day etc; Plantation drives.

vi) Detailsof thememorandumofUnderstandingsignedwithnational/foreignInstitutions,ifany(nameoftheinstitution anddetailsoftheco-ordinatoroftheMoU)

3. VisitorsofDepartmentfrominsidethecountry(during01.04.2022-31.03.2023)

i) Prof. K.M. Bhandarkar, Professor, Chairman CTE (Council of Teacher Education) on dated 05/05/2022

ii) Prof. C. Bhuvneshwara, Professor, Department of Education and Education Technology, Central University of Hyderabad on dated 29/12/2022.

4. Members/fellowshipofprofessional/Academicbodies/editorialboard*(Kindlydon't furnishconfidentialwork)*

i) Dr. B.S. Gupta

a) IATE

ii) Dr. Victoria Susan Ijjina

a) Life Member – IATE

b) Life Member – AIAER

iii) Dr. Sangeeta Chauhan

a) Aiaer-Life Time Membership

b) Iate- Life Time Membership

iv) Dr. Rajesh Ekka

a) IATE

5. DetailsofBookChapterineditedvolume/conferencevolume.

i) Dr. Sangeeta Chauhan

a) Kumar, S. And Chauhan, S. (2022). Interdisciplinary Researches In Higher Education: Need Of The Era. Technolearn: An International Journal Of Educational Technology, **12**(01): 01-04.

b) Chauhan, S. (2022) And Gond Durga (2022). MahillaNetritv Vikas: Parivartankari Bharat, Isbn -978-93-83109-98-2, Pp-72-78.

c) Suman, Neelan And Chauhan, S. (2022). Bhartiy Shiksha Ke Vikas Mein Mahilaon Ka Yogdan, Isbn - 978-93-83109-98-2, Pp-59-66.

ii) Dr. Subhash Misra

a) Revamping Teacher Education in India in the Context of National Education Policy2020 in the edited book on. "National Education Policy 2020: Transforming and Reforming Education in India " Editted by Prof. Ram Mehar, Chankaya Publication & Distributors, Delhi. 2023 ISBN No. 978-81-938877-3-8

iii) Dr. Shikha Tiwari

a) Tiwari Shikha (2022) Blended Learning: Integrating Face-To-Face And Online Learning Experiences, Innovations In Teaching And Learning, Vishwa Gyan Prakashan New Delhi.

b) Tiwari Shikha (2022), Environment: An Overview: Environment Sustainability And Development, Open Door Publishers, Najibabad.

6. PaperPublishedduringtheyearbythefacultymembers*(during01.04.2022-31.03.2023).*

i) Prof. Harishankar Singh

a) An International Multidisciplinary Half Yearly Research Journal, Peer Reviewed Refereed and UGC Listed Journal [Journal no. 47023] ISSN 2319-8508

b) Kunwar Kuldeep Chauhan, Prof. Harishankar Singh, A Study of Endogenous Factors for Raising Social Conflicts among Students at Secondary Level, UGC Listed Journal [Journal no. 47023] ISSN 2319-8508

c) ICT in Teacher Education National Education Policy, 2020

d) Jayveer Singh, Prof. Harishankar Singh National Education Policy 2020: Realities of Digital Devide,

e) Riya Sharma and Prof. Harishankar Singh, Role of ICT in Teacher Education in the Context of NEP 2020

ii) Dr. Raj Sharan Shahi

a) Shahi R.S , Singh Adbhut& Tripathi Vivek Nath (2022) +A 3- Year Cohort Study of Internet Use and Parent-Child Relationship Among Senior Secondary School StudentsOnline Journal of Distance Education and e-Learning (TOJDEL) July 2022

b) त्रिपाठी विवेकनाथ शाहीराजशरण(2022) भारत के भवितव्यता आधार शिक्षक नहीं आचार्य भारतीय आधुनिक शिक्षा राष्ट्रीय शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद नई दिल्ली वर्ष 38 अंक 2, 2022, **UGC Listed Journal**

c) Shahi R.S , Tripathi Vivek Nath JaiswalSonali& (2022) "Emotional Intelligence of Visually Impaired Students in Relation to Parental Support International Journal of Early Childhood Special Education (INT-JECSE) DOI: 10.9756/INT-JECSE/V14I2.375 ISSN:1308-5581 Vol 14, Issue 05, 2022 5916

d) शाहीराजशरण, त्रिपाठी विवेकनाथ (2022) संस्कृति आधारित जीवन रचना और शिक्षा पंडित दीनदयाल उपाध्याय की दृष्टि में, Adhigaum ,Shaikshik Shodh Patrika , UGC CARE LISTED ISSN 2394-773X Ank 24 ,Sep- 2022.P 54-69

e) Jaiswal Sonali ,Tripathi Vivek Nath & Shahi R.S (2022) Student with the Disabilities and National Eucation Policy 2020 some Reflection, Bhartiya Shiksha shodhSansthan, patrika , Dec 2022

f) **श्याम, शाहीराजशरण,** S (2022) श्री अरविंद का सर्वांग योग दर्शन उसके शैक्षिक निहितार्थ तथा समसामयिक संदर्भों में उसकी प्रासंगिता, शोध धारा, [A Quarterly Peer Reviewed, Reffered, UGC Care Listed, Bi-lingual (Hindi & English) Research Journal of Arts & Humanities] ISSN : 0975-3664 RNI : U.P.BIL/2012/43696 March 2022 Vol, 1P-343-348 **UGC Care Listed Journal**

g) त्रिपाठी विवेकनाथ, शाहीराजशरण**, (2022)** ओशो का शैक्षिक चिंतन और उसकी वर्तमान में उपादेयता, शोध धारा**,** [A Quarterly Peer Reviewed, Reffered, UGC Care Listed, Bi-lingual (Hindi & English) Research Journal of Arts & Humanities] ISSN : 0975-3664 RNI : U.P.BIL/2012/43696 March 2022 Vol, 1P-343-348 **UGC Care Listed Journal**

iii) Dr. B.S. Gupta

a) Gupta, B. S. (2022). A Study the Professional Ethics of Teachers of Secondary Schools. *International Journal of Social Sciences Arts & Humanities,* A Quarterly Peer Reviewed Journal (ISSN: 2321-4147) (CIF: 3.625).

h) Gupta, B. S. (2023), अकादमिक लेखनः एक परिचय, Shodh Disha. ISSN 0975-735X. (UGC care listed)

iv) Dr. Victoria Susan Ijjina

a) Sangeeta, S. & Victoria S. (2022). Edmodo as a Learning Tool: Perceptions of Pupil-Teachers. IJCRT. 10(4). April 2022

v) Dr. Sangeeta Chauhan

a) Kumar, S. And Chauhan, S. Attitude Of Students And Teachers Towards Teaching-Learning And Evaluation Process In Higher Education, International Journal Of Food And Nutritional Sciences (Ijfans),*Ugc Care Listed (Group -I) Journal*, *November-2022 Volume-11 Issue-13,* Issn Print 2319-1775 E-Issn 2320-7876, Www.Ijfans.Org ,*Pp. 160-163.*

b) *Srivastava, Shivangi And Chauhan, S. (2022). Perception Of Degree College Students Towards Awareness Of Information And Communication Technology In Education In Lucknow City, Towards Excellence, Ugc Care Listed (Group -I) Journal*, *December-2022 Volume-14 Issue-4, Issn- 0974-035, Www.Hrdcgujratuniversity.Ac.In ,Pp. 1190-1198.*

vi) Dr. Lalima

a) Lalima & Shukla Jaya . Study of the opinion of higher education students towards online teaching-learning process. The online journal of distance education and e-learning. Volume 10, issue 2.(April 2022). pp 301-310.

b) Lalima &Jaiswar Vivek. Constructivist Perspective of Learning. JyotirvedaPrasthanam. 11(4).(sep-oct-2022).

c) Dangwal Kiran Lata & Lalima. Psychological Ethos of the Classroom and Non-Verbal Communication.Bhartiya Shiksha Shod Patrika 41(2). (July-Dec. 2022).

d) Lalima &Rani Radha. Music Integration: Innovative Teaching-Learning Classroom.Swar Sindhu. 10(2).(July-December 2022)

vii) Dr. Subhash Misra

a) National Education Policy (NEP)2020: Promoting Indian Language And Culture, Published In Bhartiya Shikha Shodh Patrika, ISSN.No. 0970-7603, Vo. 41, Issue 1, January-June 2022,(UGC-CARE Listed Journal) Pages-194-198.

b) A Genre Study Of The Websites Of Indian Universities. Education India Journal: A Quarterly Refereed Journal Of Dialogues On Education, ISSN 2278- 2435, Vol. 11, Issue-3, August-2022 (UGC-CARE Listed Journal) Pages-306-311

viii) Dr. Vivek Nath Tripathi

a) Singh Adbhut& Tripathi Vivek Nath (2022) +A 3- Year Cohort Study of Internet Use and Parent-Child Relationship Among Senior Secondary School StudentsOnline Journal of Distance Education and e-Learning (TOJDEL) July 2022

b) Jaiswal Sonali& Tripathi Vivek Nath (2022) Bullying and Intervention Strategies of Students with Disabilities (SWDs): A Review based StudyInternational Journal of Early Childhood Special Education (INT-JECSE) DOI: 10.9756/INT-JECSE/V14I2.375 ISSN:1308-5581 Vol 14, Issue 02, 2022 3517

c) **त्रिपाठी विवेकनाथ शाहीराजशरण** (2022) **भारत के भवितव्यता आधार शिक्षक नही आचार्य** भारतीय आधुनिक शिक्षा राष्ट्रीय शैक्षिक अनुसंधान एवंप्र शिक्षण परिषद नई दिल्ली वर्ष 38 अंक 2, 2022] **UGC Listed Journal**

d) Tripathi Vivek Nath JaiswalSonali& (2022) "Emotional Intelligence of Visually Impaired Students in Relation to Parental Support International Journal of Early Childhood Special Education (INT-JECSE) DOI: 10.9756/INT-JECSE/V14I2.375 ISSN:1308-5581 Vol 14, Issue 05, 2022 5916

e) Avanish C. Mishra1 & Vivek Nath Tripathi (2022) **"Rebuilding Examination System in Higher Education:"** has been accepted for publication in the upcoming **special issue Vol. 20 (2A)** of our journal, which will be published in June 2022.

f) **त्रिपाठी विवेकनाथ शाहीराजशरण (2022) संस्कृति आधारित जीवन रचना** और **शिक्षा** पंडित **दीनदयाल** उपाध्याय **की दृष्टि में**, Adhigaum ,Shaikshik Shodh Patrika , UGC CARE LISTED ISSN 2394-773X Ank 24 ,Sep-2022.P 54-69

g) Jaiswal Sonali & Tripathi Vivek Nath (2022) Student with the Disabilities and National Eucation Policy 2020 some Reflection, Bhartiya Shiksha shodhSansthan, patrika , Dec 2022

h) Rashtriya Uchchatar Shiksha Abhiyan (RUSA): {2022} Goals and Challenges in the Growth of Higher Education. International Journal of Early Childhood Special Education (INT-JECS) DOI: 10.48047/INTJECSE/V14I7.330 ISSN: 1308-5581 Vol 14, Issue 07 2022 2301

i) Study Of Impact Of RashtriyaUchchatarShikshaAbhiyan (Rusa) { 2021}On Gross Enrolment Ratio (Ger) In Higher Educational Institutions Of Rural And Urban Areas Of Jammu & Kashmir Ilkogretim Online - Elementary Education Online, 2021; Vol 20 (Issue 4): pp. 4659-4679 http://ilkogretim-online.org doi: 10.17051/ilkonline.2021.04.504

ix) Dr. Shikha Tiwari

a) Tiwari Shikha, Best Practices in Academic Writings. Shodh Disha. ISSN 0975-735X. (UGC care listed) January-March 2023

b) Tiwari Shikha, National Education Policy (NEP) 2020: Promoting Indian Language and Culture. Bhartiya Shiksha Shodh Patrika. ISSN 0970-7603(UGC care listed)

7. Attended/Participatedinconferences/seminar/workshopinsidecountry

i) Dr. Raj Sharan Shahi- 05

ii) Dr. B.S. Gupta

a) Paper presented entitled 'Academic Writing: An Introduction' in National Seminar on Academic Writing : Emerging Trends in Research, held on 11-12th February 2023 organized by Vardhman College College, Bijnor.

b) Paper presented entitled 'PrarambhikBalyavastha ki Shiksha evm Yoga: NEP 2020' in National Seminar on NEP 2020 and Reinvigorating Early Chilhood Care and Education, held on 20-21st March 2023 organized by Department of Education, DHSG Vishwavidyalaya, Sagar.

c) Participated in UGC Approved Short Term Professional Development Programme under PMMMNMTT on "'Implementation of NEP2020 for University and College Teachers'" ***held from November 1826, 2022*** organized by IGNOU, New Delhi.

iii) Dr. Victoria Susan Ijjina

a) Participated and presented a paper titled "Life Skills and Pro – Environmental Behaviour: A Study in Lucknow " at UGC sponsored national seminar on Todays Youth: Challenges and Psychological Well being organized by Department of Psychology, ANU, A.P. from 10th& 11th March 2023

b) Participated and presented a paper titled "Metacognitive Awareness and Stress Management" at UGC sponsored national seminar on Todays Youth: Challenges and Psychological Well-being organized by Department of Psychology, ANU, A.P. from 10th& 11th March 2023

c) Participated and presented a paper titled "Environmental Awareness and Pro- Environmental Behaviour of Rural Secondary School Students: A Study" at International Science Congress on Rural Technology and Development (ISCRTD – 2023) organized by BBAU from Feb 15th to 17th 2023.

d) Attended a workshop on "Integration of Digital Technology for enhancing the competencies of Educational Administrators and Teacher Educators" organized by NIEPA, New Delhi from Dec 01-03, 2022

e) Participated and presented a paper titled "Effectiveness and Gamification as a tool of Active Classroom Learning in Senior Secondary School Students" at ICSSR-SRC sponsored National Seminar on "Innovation, Quality and Excellence in Teacher Education" organized by Department of Education & Educational Technology, University of Hyderabad on 28th Feb 2023.

iv) Dr. Lalima, Assistant Professor

a) Dr. Lalima Presented the Paper Entitled," role of Music in Indian Tourism" in two day International Conference on 'Religious Tourism' organized by Department of management Studies, Babasaheb Bhimrao Ambedkar University. On 27 and 28 March 2023.

b) Dr. Lalima Presented a paper e entitled " .Integrating STEM education with Music: Issues and Challenges. In the ICSSR sponsored National seminar on 'Self Reliant India through STEM discipline @Education 4.0: issues and Challenges. Organized by Department of Educational Studies , School of Education, Mahatma Gandhi Central University, MotihariBihar on 19-20 September 2022

v) Dr. Subhash Misra

a) The Role Of Higher Education In Nation Building In A National Seminar Organized By The Department Of Sociology, Bundelkhand College, Jhansi, Held On 16-08-2022

b) Examining The Effectiveness Of Accessibility Measures And Accommodations For Students With Disabilities In Higher Education Institutions In A National Seminar Sponsored By The National Commission For Women (NCW), New Delhi And Organised By Babasaheb Bhimrao Ambedkar University On " Inclusiveness Of The Differently Abled Women: Opportunities And Challenges In India Held On 30-31 December 2022.

c) Role Of Education In Rural Technology & Development In International Science Congress On Rural Technology And Development (ISCRTD-2023) Organised By Department Of Management Studies BBAU, Prof. HSS Foundation For Science And Society & The National Academy Of Science, India Held On 15-17 February 2023.

d) Socio-Cultural Obstacles Faced By Individuals With Disabilities: Early Identification And Interventions In A National Seminar On" Rehabilitation Of People With Disabilities: Early Identification And Intevenstions, Jointly Organsied By Department Of Empowerment Of Persons With Disabilities, Government Of Uttar Pradesh And Gender Champions Committee Of Babasaheb Bhimrao Ambedkar University, Lucknow Held On 24- 25 March, 2023.

vi) Dr. Vivek Nath Tripathi- 02

8. Attended/participatedinconferences/seminar/workshopinsidecountry

i) Dr. Victoria Susan Ijjina

a) Acted as Resource Person and delivered a lecture in three hour session on the topic titled "Classroom Communication" on 14/06/2022 in the UGC sponsored Special Summer School Programme organized by UGC Human Resource Development Centre, University of Calicut.

b) Chaired a session in national seminar on "Revamping Teacher Education in the context of NEP 2020 organized by Department of Education, BBAU on May 5, 2022.

ii) Dr. Sangeeta Chauhan

a) Dr. Sangeeta Chauhan Attended, Participated And Presented A Paper On "Teaching And Learning Practices For Sustainable Development" In Aicte Sponsored International Online Webinar On Sustainable Workforce On 17& 18 June, 2022 Organized By Lalalajpat Rai Institute Of Management, Mumbai.

b) Dr. Sangeeta Chauhan Attended, Participated And Presented A Paper On "Tpack: An Insructional Tool For Curriculum Transaction" In Second International Conference On Contemporary Issues In Business, Innovation, Technology And Social Sciences On 24th&25th May, 2022, Organized By School Of Management, Gautam Buddha Universuty, Greater Noida, India.

c) Dr. Sangeeta Chauhan Attended, Participated And Presented A Paper On " ConstructivistPedgagogy:A Modification Opf Paradigm In Psychology In National Seminar On Implemenatation Of Nep 2020: Practical Challenges And Resolutions On 10th& 11th December, 2022 Organized By Swami Vivekanand Subharti University, Meerut In Collaboration Of Council For Teacher Education Foundation(Ctef).

iii) Dr. Shikha Tiwari

a) Professional Development Programme on 'Implementation of NEP2020 for University and College Teachers' UGC Approved Short Term Professional Development Programme held from 07-15 October, 2022

b) Dr. Shikha Tiwari presented paper on 'Teacher Education in the light of NEP2020', at National Seminar on "Relevance of NEP2020in Indian Context" organized by Sahu Jain PG College, Najibabad on 16-17 April2022.

c) Dr. Shikha Tiwari presented paper on 'Best Practices in Academic Writings', at National Seminar on "Academic Writing: Emerging Trends in Research" organized by Vardhaman PG College, Bijnor on 11-12 February 2023

d) Dr. Shikha Tiwari presented paper on 'Educational Socialization: A Milestone for Disadvantaged section of the society towards achieving the SDGs', at National Seminar on "Independence 2.0:BuildingAtamnirbharbharat through Make in India" organized by BBAU Luckow on 02-03 September 2022.

e) Dr. Shikha Tiwari presented paper on 'प्रारंभिक बाल्यावस्था की शिक्षा एवं योग: राष्ट्रीय शिक्षा नीति 2020', at National Seminar on "NEP 2020 and ECCE" organized by Dr. HG Gour Vishwavidyalaya, Sagar

f) Dr. Shikha Tiwari presented paper on 'Teacher Education in the light of NEP2020', at National Seminar on "Relevance of NEP2020in Indian Context" organized by Sahu Jain PG College, Najibabd on 20-21 March 2023.

g) Dr. Shikha Tiwari presented paper on 'विकलांग व्यक्तियों के लिए प्रारंभिक हस्तक्षेप सेवाओं में हितधारकों की भूमिका', at National Seminar on "Rehabilitation of people with disabilities: early identification and interventions" at Babasaheb Bhimrao Ambedkar University on 24th to 25th March 2023.

9. Consultancyworks,ifany

Paidconsultancywithamountreceived

i)Dr. B.S. Gupta-

a) Conducting minor research project (Seed Money) sponsored by 01 BBAU, Lucknow. Rs.50,000/-

b) Freeconsultancywithdetailsofclient

10. Detailsofinvitedlecturesinsidecountry

i. Dr. Raj Sharan Shahi- 06

ii. Dr. B.S. Gupta

a) Chaired as resource person in National Seminar on "Revamping Teacher Education in the Context of NEP-2020" held on May 5, 2022 organized by Department of Education, BBAU, Lucknow.

b) Delivered Lecture as resource person on "Action Research in Education" held on 8th September, 2022 organized by Department of Education, BBAU, Lucknow.

iii. Dr. Subhash Misra

a) Lecture on BESC 131- Block No.01, Unit No.04, Education: Concept, Nature & Perspectives, As a resource person for channel-based counselling, Telecast at SWAYAMPRABHADTH Channel 17 & 19 -REG on 21-06-2022, Indira Gandhi National Open University, Lucknow Regional Centre: Lecture Available at YouTube channel https://youtu.be/7iA6dkaXYoo

b) Lecture on BESC 131- Block No.02, Unit No.08, Education: Concept, Nature & Perspectives, As a resource person for channel-based counselling, Telecast at SWAYAMPRABHADTH Channel 17 & 19 -REG on 28-06-2022, Indira Gandhi National Open University, Lucknow Regional Centre: Lecture Available at YouTube channel https://youtu.be/z7UvHoE98Bo

c) Lecture on BESC 131- Block No.03, Unit No.12, Education: Concept, Nature & Perspectives, As a resource person for channel-based counselling, Telecast at SWAYAMPRABHADTH Channel 17 & 19 -REG on 05-07-2022, Indira Gandhi National Open University, Lucknow Regional Centre: Lecture Available at YouTube channel https://youtu.be/oZesOG4mvuA

d) Lecture on BESC 131- Block No.04, Unit No.14, Education: Concept, Nature & Perspectives, As

a resource person for channel-based counselling, Telecast at SWAYAMPRABHADTH Channel 17 & 19 -REG on 12-07-2022, Indira Gandhi National Open University, Lucknow Regional Centre: Lecture Available at YouTube channel https://youtu.be/iVKpQsIMPZ4

e) Lecture on BESC 131- Block No.04, Unit No.16, Education: Concept, Nature & Perspectives, As a resource person for channel-based counselling, Telecast at SWAYAMPRABHADTH Channel 17 & 19 -REG on 19-07-2022, Indira Gandhi National Open University, Lucknow Regional Centre: Lecture Available at YouTube channel https://youtu.be/O28123Qt1hY

f) Lecture on NEP-2020 : Reflection and Roadmap for Implementation on 04-08-2022 UGC-HRD, Jodhpur

g) Lecture on NEP2020 and Higher Education in UGC-HRDC, University of Lucknow on 06-07-2022

h) Lecture on NEP2020 and Higher Education in UGC-HRDC, University of Lucknow on 06-07-2022

i) Dr. Shikha Tiwari

a) Invited Lecture: BESC: education as a Practice (Unit 13-14), Channel based counselling at IGNOU Swayamprabha DTH channel on 25 October 2022

b) Invited Lecture: BESC: education as a Practice (Unit 9-11), Channel based counselling at IGNOU Swayamprabha DTH channel on 18 October 2022

c) Invited Lecture: BESC: education as a Practice (Unit 5-8), Channel based counselling at IGNOU Swayamprabha DTH channel 11 October 2022

d) Invited Lecture: Pedagogical Challenges and Issues, Integral university Lucknow 21 Sept 2022.

Dr. Raj Sharan Shahi- 02

a) **DetailsrelatedtoGoodGovernanceattheDepartmentleveltoensuretransparency/studentparticipation/timeboundresultsetc**.

17.Studentsachievements

i. Accomplishmentofthestudents.

NumberofstudentcompletedtheirMasters/Graduation/Diploma	M.A. (Education)	11
	B.Ed.	117
Number of Student pursuing higher studies	15	
Detailsofstudentsselectedforteachinginhighereducation.	03	
NumberofstudentselectedonOthergovernmentjobs/banking/schoolteachingetc	School teaching	10
NumberofstudentawardedSLET/NET/JRF/anyotherfellowship	NET	02

e) **Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesissubmission/degreeawarded**

Ph.D. Degree Awarded-

Sl. No.	Students	Guide	Title	Fellowship availed
1	Ms. Dhriti Tiwari	Prof. Harishankar Singh	Role of Social Capital in the Educational Aspiration of the Secondary School Students	UGC SRF

18. FacultywisesupervisionofthePh.D

Sl. No.	Students	Title	Guide	Fellowship availed
1	Avanish Kumar	बदलते सामाजिक परिवेश में मुसहर समुदाय जातिः एक शेक्षिक–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	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
4	Srinivas Azad	A study of environmental awareness and pro-environmental behaviour of secondary school students	Dr. Victoria Susan Ijjina	Non NET
5	Shashwat Kumar	A study of teaching-learning and evaluation practices in higher education institutions of uttarpradesh.	Dr. Sangeeta Chauhan	ICSSR Fellowship
6	Kumari Jyoti	The socio-economic empowerment of women through self-help groups: a study of bihar	Dr.Rajesh Ekka	UGC JRF
7	Jaya Shukla	Impact of intervention program on the attitude of secondary girls' students towards stem education	Dr. Lalima	UGC JRF
8	Komal Shukla	A study of technological pedagogical content knowledge among english pedagogy teacher trainees of secondary level	Dr. Subhash Misra	UGC JRF
9	Navneeta Tripathi	Leadership and professional capacities among teacher trainees of secondary level	Dr. Subhash Misra	Non NET
10	Zaffer Iqbal	Preferences and patterns of education among gujjar pastoralists in jammu region: a case study of rajouri district	Dr. Subhash Misra	NFST
11	Sonali Jaiswal	Students with disabilities and bullying: a study	Dr. Vivek Nath Tripathi	UGC JRF
12	Mr. Jayveer Singh	A study of digital divide and preparedness for online teaching at secondary teacher education institutions	Prof. Harishankar Singh	NFSC
13	Riya Sharma	Effect of yogic practices on emotional intelligence and self concept of secondary school students	Prof. Harishankar Singh	NFOBC
14	Savitri Kachhap	Effect of constructivist approach on achievement in mathematics at secondary level	Prof. Harishankar Singh	UGC JRF
15	Himanshi Agnihotri	A study of metacognitive awareness, emational maturity and pupose in life of prospective teachers	Dr. Victoria Susan Ijjina	UGC JRF
16	Radha Rani	Effect of music integrated teaching progrm on the memory and attention of primary school students	Dr. Lalima	UGC JRF
17	Neha Chaudhary	Multidisciplinary Research in Indian Universities with special reference to Research Trends Across the Discipline.	Dr. Subhash Misra	NFSC
18	Ms. Rashmi	A study of attitude towards experiential learning among teacher trainees	Prof. Harishankar Singh	UGC JRF

19	Ms. Meenakshi Pandey	A study of dharampal's educational contribution in the light of indian knowledge system	Dr. Raj Sharan Shahi	Non NET
20	Mr. Mrityunjay Kumar	उच्च प्राथमिक स्तर के विद्यार्थियों के आतम–नियन्त्रण, समसया–समाधान एवं सामाजिक वयवहारपर योगिक कियाओं के प्रभाव का अध्ययन	Dr. B.S. Gupta	Non NET
21	Ms. Nishtha Pandey	Indian ethos and eudaimonic well-being of adolencets	Dr. Victoria Susan Ijjina	UGC JRF
22	Ms. Sonu Bara	Research culture in teacher education institutions : a critical analysis	Dr. Sangeeta Chauhan	Non NET
23	Mr. Anees Ahmad Khan	माध्यमिक सतर पर अध्ययनरत् विद्यार्थियों में निहित हिन्दी भाषा कौशलों के अनुप्रयोग का विश्लेषणात्मक अध्ययन	Dr. Rajesh Ekka	UGC JRF

19. Googleprofileofthefacultymembers,ifavailable.

Dr. B.S. Gupta

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

Dr. Victoria Susan Ijjina

	All	Since 2018
Citations	7	2
h-index	1	1
i10-index	0	0

Dr. Rajesh Ekka

	All	Since 2018
Citations	22	17
h-index	2	2
i10-index	2	1

School of Earth & Environmental Sciences (SEES)

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 endeavor's.

- 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

2. Course Offered:

i. B.Sc. (Hons) Geology
ii. M.Sc. Geology

3. Facilities available in the Department

i. Laboratory (01)
ii. Lecture Rooms (04)
iii. Departmental Library (01)

4. Details of Faculty :-

i) Dr. Narendra Kumar
Professor
Qualification-M.Sc. Ph.D. (Environmental Science)
Specialization- Environmental Toxicology and Phytoremediation, Environmental Impact Assessment and Management, Ground Water Pollution

Resource Person: 10

i) Dr. (Mrs.) Vertika Shukla
Resource Person
Specialization: Chemistry, Analytical Chemistry, Environmental Chemistry
Qualification: M.Sc., Ph.D.

ii) Dr. Priyanka Singh
Resource Person
Specialization: Rare Earth Element Geochemistry, EnvironmentalGeochemistry
Qualification: M.Sc., Ph.D.

iii) Dr. Sanjeev Kumar
Resource Person
Specialization: Soil Science, phytoremediation, Remote sensing, River ecology
Qualification: M.Sc., Ph.D.

iv) Dr. Sushil Kumar Bharti
Resource Person
Specialization: Remote Sensing- GIS, Aerosol Science, Meteorology
Qualification: M.Sc., Ph.D

v) Dr. Dhananjay Kumar
Resource Person
Specialization: Environmental Pollution, and bioremediation
Qualification: M.Sc., Ph.D.

vi) Dr. Abhishek Kumar
Resource Person
Specialization: Computational Material Science, Biophysics
Qualification: M.Sc., Ph.D.

vii) Dr. Anis
Resource Person
Specialization: Sedimentology, Petroleum Geology, Mineralogy
Qualification: M.Sc., Ph.D.

viii) Mr. Ravindra Kumar
Resource Person
Specialization: Structural Geology and Tectonics, Geological Mapping, Stratigraphy, Ground Water Geology

Qualification: M.Sc.(Tech), CSIR-NET, GATE

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

x) **Dr. Jitendra Kumar Yadav**
Resource Person
Specialization: Rare Earth ElementGeochemistry of River Sediments
Qualification: M.Sc., Ph.D.

xi) **Dr.Awanish Kumar**
Resource Person
Specialization: Fluid Mechanics, Real Analysis, Abstract Algebra, Differential equation, Statistics
Qualification: M.Sc., Ph.D.

5. Other departmental level Academic Activities:

i) Earth Day

World Earth Day was celebrated by Department of Geology, Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow. The program was sponsored by Ministry of Earth Sciences (MOES), New Delhi, Govt. of India as a two-day event on 21 & 22 April 2023. The theme of the event was "Invest in Our Planet". Various events were organised to sensitize students about the importance of conserving our natural resources and protecting Mother Earth. Large number of students from different schools, colleges and Institutes participated in the event.

ii) Fossil Day

Fossil day was celebrated on 12th of October, 2022. This day was chosen to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. All students and teachers of university were invited to visit for the fossil specimen and museum. A lecture was also delivered about general understanding of how fossils are formed. The students were excited to know about the fossils. It was a unique experience for all.

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

i) **Dr. Vertika Shukla**
Vice President: Indian Lichenological Society
Fellow: Indian Lichenological Society
Life Member: Society of International Society of Environmental Botanist
Life member: Indian Lichenological Society
Life member: Zoological Society of India, Bodhgaya

ii) **Dr. Anis**
Life Member: Mineralogical Society of India
Life Member: Geochemical Society
Associate Member: Society of Earth Scientist, Lucknow
Member: Indian Association of Sedimentologist, Association of Petroleum Geologist, Dehradun, Society of Petro physicist and Well Log Analysis (India Chapter)

iii) **Dr. Abhishek Kumar**
Life Member: Indian Science Congress

iv) **Dr. Dhananjay Kumar**
Life member: Zoological society of India, Bodhgaya
Life Member: BBAU Alumni Association, Lucknow

v) **Mr. Ravindra Kumar**
Life Member: Indian Science Congress

vi) **Mr. Sonu Kumar**
Life Member: American Association of Petroleum Geologists, AAPG

vii) **Dr. Sanjeev Kumar**
Life Member: The Society for Science of Climate Change and Sustainable Development, New Delhi,
Life Member: Prof. H. S. Srivastava Foundation for Science and Society, Lucknow,
Life Member: Society for Plant Research, Meerut,

Life Member: PrithvipurAbhudyaSamithi, Lucknow
Fellow:FSSCE 'Fellowship of Society for Science of Climate Change and Sustainable Environment', by The Society for Science of Climate Change and Sustainable Environment in 1 December 2020.
Fellow: FSPR 'Fellow of Society for Plant Research', by Society for Plant Research in January 2016.

viii) **Dr. Jitendra Kumar Yadav**
Life Member: Association of Applied Geochemists, European federation of Geologists
Editor/ Reviewer

ix) **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)

x) **Dr. Abhishek Kumar**
Reviewer:
Frontier in Chemistry (Frontiers Publication)
Chemistry Select (Wiley-VCH Publication)
Optical and Quantum Electronics (Springer Publication)
Combinatorial Chemistry & High Throughput Screening (Bentham Science Publication)
Current Organic Chemistry (Bentham Science Publication)
Materials Today Proceedings(Elsevier Publication)

xi) **Dr. Sanjeev Kumar**
Reviewer:
Environmental Sustainability (Springer)
Journal of Science of Food and Agriculture (Willey)
Environmental Science and Pollution Research (Springer)
Agronomy Research
Frontiers of Ecology and Functions (Frontiers)

xii) **Dr. Jitendra Kumar Yadav**
Reviewer:
Soil and Sediment contamination: An International Journal
Arabian Journal of Geosciences
Earth Science (EARTH)

xiii) **Dr. Awanish Kumar**
Reviewer: International Journal of Modern Physics B (World Scientific)

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

Dr. Vertika Shukla
Book Series Editor:-

i. Kumar N. and **Shukla V (2023)** Book Series Editor: Earth, Environment, and Sustainability/CRC Press; https://www.routledge.com/Earth-Environment-and-Sustainability/book-series/CRCEES
ii. Kumar N and **Shukla Vertika** (Eds) (2022) Persistent Organic Pollutants in Environment: Origin and Role. CRC Publisher, Taylor & Francis, ISBN: 9780367512880

8. Details of Book Chapter in edited volume:

i) Dr. Dhananjay Kumar

ii) Dr. Abhishek Kumar

a) **Abhishek Kumar**, Ambrish K Srivastava, NeerajMisra, Structures, reactivity, and properties of low ionization energy species doped fullerenes and their complexes with

superhalogen, "Atomic Clusters with Unusual Structure, Bonding and Reactivity." https://doi.org/10.1016/B978-0-12-822943-9.00002-4, Published by *Elsevier*.

iii) Dr. Sanjeev Kumar

a) Karmakar S, Roy R, Bhattacharya A, Biswajit K, **Kumar S**, Singh R, Bauddh K, Kumar N (2022) Rhizobacteria assisted phytoremediation of oily sludge contaminated sites. In Advanced in Microbe- Assisted Phytoremediation of polluted sites (Bauddh K, Ma Y), Elsevier, pp 403-417 (ISBN 9780128234433).

iv) Dr. Priyanka Singh

a) Dharmendra Kumar Jigyasu, **Priyanka Singh**, Munendra Singh and Sandeep Singh (2022) Time series analysis of dissolved trace elements in Gomati River, the Ganga River tributary, northern India: its environmental implications. Metals in water Global sources, Significance and Treatment https://doi.org/10.1016/B978-0-323-95919-3.00008-2

1. Paper published during the year by the faculty members(during 01-04-22 to 31-03-2023)

i) Dr. (Mrs) Vertika Shukla

a) Singh, R.P., **Shukla V.**, Kumar S, Soni D.K. and Kumar N.K. (**2022**) Assessing surface and ground water quality, for irrigation and drinking purpose, along the course of Assi River, Varanasi, India. *National Journal of Life Sciences Volume.*19(1&2)

b) Bajpai, R. #, **Shukla, V**#.,Raju A., Singh CP, Upreti D.K. 2022 A geostatistical approach to compare metal accumulation pattern by lichens in plain and mountainous regions of Northern and Central India. Environmental Earth Science 81:203, https://doi.org/10.1007/s12665-022-10336-6 (I.F. 2.784) (#:equal authorship)

ii) Dr. Abhishek Kumar

a) **Kumar A**, Srivastava AK, Sharma D, Tiwari SN, Misra N, BO2 substituted novel alkyl biphenyl liquid crystalline series: dependence of geometrical and electronic properties on the alkyl chain length, Theoretical Chemistry Account, 142:17 (2023).

b) Tiwari SN, Chauhan MS, **Kumar A**, Sharma D, Ab-initio and molecular dynamics simulation of a discotic liquid crystal in ionic solution, Molecular Simulation, 49:4 (2022) 341.

c) Srivastava AK, **Kumar A**, Srivastava H, Misra N, The Role of Herbal Plants in the Inhibition of SARS- CoV-2 Main Protease: A Computational Approach, Journal of the Indian Chemical Society (Elsevier) 99:9 (2022) 100640.

iii) Dr. Sanjeev Kumar

a) Siddiqui AJ, Kumari N, Adnan M, **Kumar S**, AbdelgadirA,Saxena J, Badraoui R, Snoussi M, Khare P, Singh R (2023) Impregnation 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)

b) 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)

c) Sharma A, **Kumar S**, Singh R (2022). Synthesis and Characterization of a Novel Slow-release Nanourea /Chitosan nanocomposite and its effect on Vigna radiata L. Environmental Science-Nano. DOI: https://doi.org/10.1039/D2EN00297C. (ISSN: 2051-8161; IF-9.473)

d) Kumar M, Gautam SK, Jha PK, Atri RK, **Kumar S**, Tiwari J (2022). Water Quality Assessment Using Multivariate Statistical Techniques: A Case Study of Devika Stream of Udhampur District in Lower ShivalikRegion.***Asian Journal of Water, Environmenta and Pollution***. 19(3), 79 – 87 (ISSN NO. 0972-9860).

e) Saha L, Kumar A, **Kumar S**, Korstad J, Srivastava S, Bauddh K (2022). The impact of the Covid-19 Lockdown on global air quality- A review. ***Environmental Sustainability***https://doi.org/10.1007/s42398-021-00213-6(ISSN NO. 2523-8922).

2. Attended/Participated in conference/ seminar/ workshop inside country

i) Dr. Dhirendra Kumar

a) **Dhirendra Kumar** attended online Training cum Conference on **"Disaster Risk Reduction & Resilience: Policies and Management".**

b) **Dhirendra Kumar** attended online webinar on **"Geohazards: Risk Assessment and Mitigation Strategies"**

ii) Dr. Dhananjay Kumar

a. Poster presentation on "Coupling of phytoremediaton and biosorption for the removal of inorganic contaminants from soiland water" in International Conference on Environmental Sustainability & Biotechnology : Opportunities & Challenges organized by Department of Microbiology, Government college of art and science Goa, &Department of Microbiology, Ponda Education Society's Ravi S. Naik College of Arts & Science Farmagudi, Goa, Indiaand Society for Environment Sustainability, Lucknow, U.P., India between 16-19 November 2022

b. Participated in training programme on River Rejuvenation, Climate Resillience and DRR: Plans, Perspectives and Policies during 17- 21 October 2022 organized by NIDM, New Delhi and BBAU, Lucknow

iii) Mr. Ravindra Kumar

a. **Ravindra Kumar**, participated in Poster presentation on "Water quality assessment of ground water resource in north Indian region along the Ganga river basin" organized by the ICESB Department of Microbiology, Government college of art and science Goa, between 16-19 November 2022

iv) Mr. Sonu Kumar

a. **Sonu Kumar**Participated in Training Program on "**River Rejuvenation, Climate Resilience and DDR: Plans, Perspective and Policies" 17th -21st October 2022** conducted by Conducted by NIDM, New Delhi.

b. **Anis**Participated in training programme on River Rejuvenation, Climate Resillience and DRR: Plans, Perspectives and Policies during17- 21 October 2022 organized by NIDM, New Delhi and BBAU, Lucknow.

c. **Dr. Priyanka Singh**Participated in training programme on River Rejuvenation, Climate Resillience and DRR: Plans, Perspectives and Policies during17- 21 October 2022 organized by NIDM, New Delhi and BBAU, Lucknow.

12. Details of invited lecture inside the country:

i) Dr. (Mrs.) Vertika Shukla

a. 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

b. "Lichen metabolite and environmental Significance". In: three days 'International Conference on Multidisciplinary Approaches in Lichenology (Hybrid Mode)' during 28-30 September 2022 at CSIR-National Botanical Research Institute, Lucknow, jointly organized by Indian Lichenological Society and CSIR-National Botanical Research Institute, Lucknow.

13. Details of National Award/fellowship:

I) Dr. Sanjeev Kumar: Awarded **'Young Scientist Award'** by TheSociety for Science of Climate Change and Sustainable Environment in 10 December 2022.

14. Details of patents filled/awarded:

i) Dr. Vertika Shukla:
Yadav A, Kumar D, **Shukla V,**KumarS,Singh R, Kumar N. et al. Development of Bio-adsorbent for fluoride removal.The Patent Office Journal No. 06/2023 Dated 10/02/2023 (Published)

ii) Dr. Sanjeev Kumar:
Yadav A, Kumar D, Shukla V, **Kumar S**, Singh R, Kumar N. Development of Bio-adsorbent for fluoride removal. The Patent Office Journal No. 06/2023 Dated 10/02/2023 (Published)

iii) Dr.DhananjayKumar
AnitYadav, VertikaShukla, Sanjeev Kumar, Ritu Singh, Narendra Kumar. Development of Bio-adsorbent for fluoride removal. The Patent Office Journal No. 06/2023 Dated 10/02/2023 (Published)

15. Students achievements:

(i). Accomplishment of the students

2022	GG514A322	Kartik Patel		**JAM**
2022	GG421A134	VikashKumar		**JAM**
2023	GE23S68035028	Shubham Mishra	**GATE**	
2023	GE23S68005190	Kumar Abhinav	**GATE**	
2023		Anupam Nag	**GATE**	
2023	GG513F293	Ripul Kumar Singh		**JAM**
2023	GG513F153	Pratiksha Kumar		**JAM**

Year	Name of student placed	Program graduated from	Name of the employer with contact details
2022	Sakshi Mishra	M.Sc. Geology	IIT, Roorkee
2022	Anuj Singh	B.Sc. (Hons.) Geology	Post Office, Jhasi
2022	Kumar Abhinav	M.Sc. Geology	FRI Dehradun
2023	Shubham Mishra	M.Sc. Geology	IIT Bombay

B.Sc./M.Sc. Dissertation Completed

Name of Faculty	No. of students (B.Sc.)	No. of students (M.Sc.)
Dr. (Mrs.) Vertika Shukla	08	02
Dr. Priyanka Singh	08	02
Dr. Anis	08	02
Dr. Sushil Kumar Bharti	03	
Dr. Dhananjay Kumar	07	02
Mr. Ravindra Kumar	08	03
Mr. Sonu Kumar	06	02
Dr. Sanjeev Kumar	09	03
Dr. Jitendra Kumar Yadav	07	02

(ii)Number of student pursuing in higher studies. (IIT-JAM)

a. Vikas Kumar (AIR-52)
b. Kartik Patel
c. Anuj Singh

(f) Number of student selected on other government Job/banking/school teaching etc

Sr. No.	Name of students	Institute Name
1	Kumar Abhinav	FRI DehraDun

(g) Number of student awarded SLET/NET/JRF/any other Fellowship

Miss Ananya Srivastava, CSIR-NET, LS

16. Google profile of the faculty members:

Dr. Vertika Shukla, Resource Person		
	All	Since 2016
Citations	1244	683
h-index	17	14
i10-index	29	15
Dr. Sushil Kumar Bharti, Resource Person		
	All	Since 2016
Citations	126	126
h-index	6	6

i10-index	4	4
Dr. Dhananjay Kumar, Resource Person		
	All	Since 2018
Citations	230	217
h-index	9	9
i10-index	8	7
Dr. Abhishek Kumar, Resource Person		
	All	Since2018
Citations	482	389
h-index	13	12
i10-index	15	15
Dr. Sanjeev Kumar, Resource Person		
	All	Since2018
Citations	891	746
h-index	17	16
i10-index	24	20
Dr. Awanish Kumar, Resource Person		
	All	Since2021
Citations	12	12
h-index	1	1
i10-index	1	1

Department of Environmental Microbiology

Department of Environmental Microbiology was initially sanctioned as an Innovative Project for M.Sc. Environmental Microbiology 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 Programmerunning in the Department viz. M.Sc. in Industrial Microbiology & M.Sc. in Food Microbiologyand Toxicology that take care of the applied aspects of Microbiology and are industry and joboriented. At present, there are two Professors, one Associate Professor, and seven Assistant Professors in the department with diverse fields of specialization namely Microbial Ecology,Bioremediation and Metagenomics, Rhizosphere Biology/Microbiology, Stress Physiology andGeneral Microbiology. The department has well equipped M.Sc. Laboratory and developing stateof theartresearchlaboratories.

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 naturalresources and microorganisms can provide answer to several of these problems and maintainecological balance. Besides this, microorganisms play a pivotal role in many industrial processesincluding food industry. Owing to the importance of microorganisms in diverse fields and for themaintenance of ecological balance, focus of the Department is to combat the diverse problems ofthe environment such as soil and water pollution and their remediation using microbial resourcesandtheirapplicationin variousindustriesandin foodprocessingindustry.

The major emphasis of research in the Department is microbes for biodegradation of industrialwastes and ecorestoration of polluted site for sustainable development of nation with specialemphasis 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 neutraceuticalfoodsand other microbial based food products at industrial scale for food security. The Department hasresearch grants from various National funding agencies like DST, DBT and UGC. Departmentwas 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. Infuture, the Department vowsto create excellence in the field of bioremediation, sustainable use of natural resources which is one of the proposed road map goal of department. Students in the Department aretrained for all them oderntechniques in Microbiology and Biotechnology. Regular seminars and interaction meetings as per UGC guidelines are organized regularly in thedepartment. The students of final semester also have to carry out dissertation work in which theygetto know about how topursueminorresearchprojects.

Missionand Mandate

The focus of the Department is to combat the diverse problems of the environment as microbe scan 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 anodalnational 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 totheneedsof industryand society
- Development of sustainable techniques and approaches in the field of environmental and agriculture microbiology for a better and sustainable future.

Infrastructural Facilities

- ToachievethesemandateFollowinglaboratorieshavebeenestablishedintheDepartment bythefacultymembers:
- RhizosphereBiologyLaboratory

- BioremediationandMetagenomics Laboratory-I
- BioremediationandMetagenomics Laboratory-II
- MicrobialbiodegradationandbioremediationLaboratory
- Applied MicrobiologyLaboratory
- Laboratoryof MolecularMicrobiology

Major and Minor Equipment's

• UV-VISSpectrophotometer(02)	• Overhead projector(01)
• Milli-Pore waterassembly(01)	• Rotatoryshaker(01)
• GelDocumentationsystem(01)	• GelElectrophoresis(01)
• PCR(1)	• Refrigerators(14)
• pH Meter(01)	• Ion MeterHanna (01)
• Centrifuge(02)	• RotaryVacuumEvaporator (01)
• Laminar Flow(03)	• Electrodes(01)
• BOD Incubator(02)	• SpectrophotometerNanodrop(01)
• Autoclave (02)	• Computerworkstation
• UltraSonicator (01)	• Overhead projector(01)
• DeepFreezer (01)	• Rotatoryshaker(01)
• Oven(01)	• GelElectrophoresis(01)
• WeighingBalance (02)	•
• Microwaveoven (01)	•

1. Course offered:

i) Ph.D. Environmental Microbiology
ii) M.Sc. Environmental Microbiology
iii) M.Sc. Foodand Microbial Technology
iv) M.Sc. Industrial Microbiology

2. Facilities available in the Department

i) M.Sc.laboratory
ii) Researchlaboratory
iii) Smart Classroom
iv) Departmental Library

Details of faculty

i) Prof. Ram Chandra (Head)
Specialization: Bioremediation and Metagenomics of industrial polluted site, General Microbiology, bacterial assisted phytoremediation and ecorestoration of polluted site, Microbesand environment stress management **Experience:**Teaching:16years, **Research**: 33Years
Qualification:M.Sc., Ph.D.

ii) Prof. Rajesh Kumar
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: 22 years **Research**: 22 Years
Qualification:M.Sc., Ph.D.

iii) Dr. Suneesh Kumar Pachathundikandi
Specialization: Innate Immunity, Infection Biology, Cytokine Biology, Transcriptomics and Genomics, Immunology, Biochemistry

Experience:Teaching: 4years **Research**: 18 Years
Qualification:M.Sc., Ph.D.

iv) Dr.Vinay Singh Baghel
Specialization: Environmental Microbiology/ Env.Biotechnology/Toxicology
Experience:Teaching: 13 years **Research:** 13 Years
Qualification:M.Sc., Ph.D.

v) Dr. Jay Shankar Singh
Specialization:Microbial Ecology and Environmental Microbiology
Experience:Teaching:17 years Research: 17 Years
Qualification:M.Sc.,Ph.D.

vi) Dr.Ram Naresh Bhargava
Specialization: Bioremediation of Environmental Pollutants and Metagenomics analysis
Experience:Teaching:11years Research:14Years
Qualification:M.Sc., Ph.D.

vii) Dr. Pankaj Kumar Arora
Specialization: Bacterial Genomics and Bioremediation
Experience:Teaching:07 yearsResearch: 07 Years
Qualification:M.Sc., Ph.D.

viii) Dr. Digvijay Verma
Specialization: Metagenomics, Microbiomics, Microbial diversity, Industrial Enzymes
Experience:Teaching: 05years **Research:13Years**
Qualification:M.Sc., Ph.D.

ix) Dr. Ravi Kumar Gupta
Specialization: Microbialgenetics, genes and small noncoding RNA regulation, development of antimicrobial therapy
Experience:Teaching:05years Research:14Years
Qualification:M.Sc., Ph.D.

x) Dr. Harish Chandra
Specialization: Immunotoxicology; Immuno proteomics of microbialpathogens; Environmental Microbiology, Novel Drug Targets/ Vaccine Development; DC-T cell interaction;Host-PathogenInteraction; Microbiome/Metagenomics
Experience: Teaching: 15 years**, Research**: 15 Years
Qualification: M.Sc., Ph.D.

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

i) Prof. Ram Chandra

a) Fellow,Internationa Society of Environmental Botanists(ISEB)(2020)
b) Fellow,Association of Microbiologists of India(AMI)(2013)
c) Fellow,The Biotech ResearchSocietyof India(BRSI), (2013)
d) Fellow,The Academy of Environmental Biology (AEB), Lucknow(2008)
e) Member (M.N.A.Sc.) TheNational Academy of Sciences,India (NASI)(2013)
f) Life member of The Sugar Technologist of India(STAI), Memb. No. 6445
g) Life member ofSociety of Toxicology, India
h) Life member ofAcademy 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 ContaminationResearch (INSCR), New Delhi
o) Member of American Society for Microbiology (ASM), USA
p) Life Member of International Society of Environmental Botanists (ISEB)

- **Acquired special knowledge in Academic leadership**

a) Leadership for Academicians Programme (LEAP) (2019-20) (Sponsored by MHRD, Govt. of India, in collaboration with BHU and University of Cambridge, UK

b) Leadership Development Programme, under CSIR, Ministry of Science and Technology (Merit certificate 2008) Govt. of India
c) Strategic R&D Management (2008) under CSIR, Ministry of Science and Technology, Govt. of India.

ii) 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 andForestrySciences.
c) Life Member, Asian PGPR Society, ICRISATPatancheru, Hyderabad
d) Life Member, Microbiologists Society, India, Membership No LM-284, September, 2019

iii) Dr.RamNareshBharagava

a) LifeMemberoftheIndianScienceCongressAssociation (ISCA),Kolkata,India
b) LifeMemberoftheAssociationof MicrobiologistsofIndia(AMI),India
c) LifeMemberoftheBiotechResearchSocietyofIndia(BRSI), Trivandrum,India
d) LifeMemberoftheAcademyofEnvironmentalBiology(AEB),Lucknow,India

iv) Dr. Digvijay Verma

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

v) Dr. Ravi Kumar Gupta

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

vi) Dr. Pankaj Kumar Arora

a) Editorial Board Member of Scientific Reports, Datain Brief, Journal of Indian Botanical Society
b) Academic Editor of PLOS ONE
c) Associate Editor of Frontiers in Microbiology

4. Other Departmental level academic activities

i) Organized Department Alumni meet on 09/04/2022.

5. Details of book written/edited by faculty members:-

i) Book titled "Bioremediation: Green Approaches for a Clean and Sustainable Environment" (2022) Edited by Ram Naresh Bharagava, published by CRC Press, Taylor & Francis Group, USA.ISBN9781003181224

ii) Book titled "Bio-Clean Energy Technologies: Volume 1, Series Title Clean Energy Production Technologies" (2022) Edited by **Ram Naresh Bharagava**, published by **CRC Press, Taylor & Francis Group, USA**. Series ISSN2662-6861,pp397

6. Details of editing journals and magazines

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

7. Details of book chapter in edited volume

i) Mridul Kumar Medhi, Shweta Ambust, Rajesh Kumar, Amar Jyoti Das. Characterization and purification of biosurfactant; Advancements in Biosurfactants Research, 2023, p.79-93 Publisher: Springer International Publishing: https://doi.org/10.1007/978-3-031-21682-4_4.

ii) Amar Jyoti Das, Rajesh Kumar and Aishwarya Purohit (2022). OMICS Science fordeciphering plant mycorrhizal symbiosis. In: Panneerselvam P, Mohapatra PK, NayakAK, Mitra D, Velmourougane K and Santos-Villalobos S (Eds) Arbuscular Mycorrhizalfungi: fornutrient,abioticandabioticstresses,managementinRice.CRCPress,Chapter 19: 147-154.DOI:10.1201/9781003354086-19.

iii) Kadri, Syeda Ulfath Tazeen, Satish Kumar Murari, Dummi Mahadevan Gurumurthy,Muhammad Bilal, Ram Naresh Bharagava, Anyi Hu, Paul Olusegun Bankole, LuizFernandoR.Ferreira,andSikandarI.Mulla."Physicochemical–biotechnologicalapproaches for removal of contaminants from wastewater." In Integrated

EnvironmentalTechnologiesforWastewaterTreatmentandSustainableDevelopment,pp.241-261.Elsevier, 2022.

iv) Menezes, D.B., de Andrade, L.R.M., Vilar, D., Vega-Baudrit, J.R., Torres, N.H., Bilal,M., Silva, D.P., López, J.A., Hernández-Macedo, M.L., Bharagava, R.N. and Ferreira, L.F.R., 2022. Synthesis of Industrial Enzymes from Lignocellulosic Fractions.In Enzymes for Pollutant Degradation (pp.19-48). Singapore: Springer Nature Singapore.

v) Devi, Anuradha, Luiz Fernando Romanholo Ferreira, Ganesh Dattatraya Saratale ,Sikandar I. Mulla, Nandkishor More, and Ram Naresh Bharagava. "Microbe-assisted phytoremediation of environmental contaminants. "In Advances in Microbe-assisted Phytoremediation of Polluted Sites, pp.3-26.Elsevier,2022.

vi) Kishor, Roop, Arpita Singh, Nandkishor More, and Ram Naresh Bharagava. "A Sustainable Approach to the Degradation and Detoxification of Textile Industry Waste water for Environmental Safety. "In Bioremediation: Green Approaches for a Clean and Sustainable Environment,pp.173-187.CRC Press,2022.

vii) Queissada, Daniel Delgado, Jesiel Alves da Silva, Vanessa Cruz dos Santos, Iraí Tadeu Ferreirade Resende, Déborada Silva Vilar, Ram Naresh Bharagava, and Luiz Fernando Romanholo Ferreira. "Treatment of Metal working Effluent: Chemical Precipitation, Advanced Oxidative Processes and Biological Treatments. "In Bioremediation: Green Approaches for a Clean and Sustainable Environment, p p. 45-60. CRC Press, 2022.

viii) Singh, Ajeet, Roop Kishor, Ram Naresh Bharagava, and Bal Chandra Yadav. "Existing and Emerging Treatment Technologies for the Degradation and Detoxification of Textile Industry Wastewater for the Environmental Safety." In Bioremediation: Green Approaches for a Clean and Sustainable Environmentpp.1-13. CRC Press, 2022.

ix) Gupta, Ravi Kr, Shilpi Yadav, Ruchi Sankhwar, and Abhishek Kumar. "Role and Application of CRISPR-Cas System in Genetic Disorders. "In Genomic, Proteomics, and Biotechnology, pp.177-189. CRC Press, 2022.

8. Paper published during the year by the faculty members (during 01.04.2022 - 31.03.2023)

i) Goswami, Vikrant, Sharma Deepika, Ram Chandra, C. R. Babu, and David Kothamasi. "Arbuscularmycorrhizas accelerate the degradation of colour containing organic pollutants present in distillery spent wash leachates." Journal of Hazardous Materials 452 (2023): 131291.

x) Yadav, Sangeeta, Sonam Tripathi, Diane Purchase, and Ram Chandra. "Development of a biofilm- forming bacterial consortium and quorum sensing molecules for the degradation of lignin-containing organic pollutants." Environmental Research 226(2023): 115618.

xi) Sharma, Pooja, Ram Chandra, and Sangeeta Yadav. "Quantification of microbial communities in activated sludge containing lignin and chlorophenol from the pulp and paper industry as determined by 16Sr RNA analysis." Bioresource Technology Reports 21 (2023): 101371.

xii) Singh, Kshitij, Sonam Tripathi, and Ram Chandra. "Bacterial assisted phytoremediation of heavy metals and organic pollutants by Cannabissativaas accumulator plants growing on distillerys ludge for ecorestoration of polluted site. "Journal of Environmental Management332 (2023):117294.

xiii) Singh, Ajay Kumar, Adarsh Kumar, and Ram Chandra. "Environmental pollutants of paper industry waste water and their toxic effects on human health and ecosystem. "Bio resource Technology Reports 20 (2022):101250.

xiv) Chowdhary, Pankaj, Anjali Singh, Ram Chandra, P. Senthil Kumar, Abhay Raj, and Ram Naresh Bharagava. "Detection and identification of hazardous organic pollutants from distillery wastewater by GC-MS analysis and its phytotoxicity and genotoxicity evaluation by using Alliumcepa and Cicerarietinum L." Chemosphere 297(2022):134123.

xv) Kumari, Beema, Harish Chandra, and Ram Chandra. "Detection of pyrene degrading bacterials trains (LOP-9 Staphylococcusaureus and GWP-2 Mycobacteriumvaanbaalenii) and their metabolic products." Cleaner Chemical Engineering 4 (2022):100080.

xvi) Verma, Prerna, Sonam Tripathi, Sangeeta Yadav, and Ram Chandra. "Degradationand decolourization potential of ligninolytic enzyme producing Bacillus paramycoides BL2 and

Micrococcusluteus BL3 for pulppaper industrial effluent and its toxicity evaluation. "Archives of Microbiology 204, no. 10 (2022): 642.

xvii) Soni, Kuldeep, Km Jyoti, Harish Chandra, and Ram Chandra. "Bacterial antibiotic resistance in municipal wastewater treatment plant; mechanism and its impacts on human health and economy."Bioresource Technology Reports19 (2022): 101080.

xviii) Sharma, Pooja, Hafiz MN Iqbal, and Ram Chandra. "Evaluation of pollution parameters and toxic elements in waste water of pulp and paper industries in India: A case study. "Case Studies in Chemical and Environmental Engineering 5 (2022):100163.

xix) Sharma, Pooja, Ambreen Bano, Surendra Pratap Singh, Nawal Kishore Dubey, RamChandra, and Hafiz MN Iqbal. "Recent advancements in microbial-assisted remediation strategies for toxic contaminants. "Cleaner Chemical Engineering 2(2022):100020.

xx) Bharti, Shweta, Balwant Singh Paliya, Sanjeeva Nayaka, and Rajesh Kumar. "Deposition of Daldiniastarbaeckii (ELF) functionalized silver nanoparticles on Urinary catheter tube using chitosan polymer to prevent bacterial biofilms formation during UTI infection."(2023).

xxi) Ambust, Shweta, Amar Jyoti Das, Souvik Kumar Paul, Rajesh Kumar, and Debashish Ghosh. "Remediation and detoxification of oil contaminated marine intertidalsites through lipopeptide assisted washing strategy: An experimental and kinetic validationapproach. "Marine Pollution Bulletin 180 (2022):113817.

xxii) Ratna, Sheel, and Rajesh Kumar. "Production of di-rhamnolipid with simultaneous distillery waste water degradation and detoxification by newly isolated Pseudomonasaeruginosa SRRBL1. "Journal of Cleaner Production 336 (2022):130429.

xxiii) Vimal, Shobhit Raj, Jay Shankar Singh, and Sheo Mohan Prasad. "Plant–Microbe Dynamicsasa Nature-Based Solution for Sustainable Agriculture." Anthropocene Science 1, no. 4(2022): 428-443.

xxiv) Rai,Anuradha,NaveenKumarSharma,VinodKumarSingh,BrahmaSwaroopDwivedi, Jay Shankar Singh, and Pradeep Kumar Rai. "Study of Phosphate SolubilizingFluorescent Pseudomonas Recovered from Rhizosphere and Endorhizosphere of Aloebarbadensis(L.)."GeomicrobiologyJournal40,no.4(2023):347-359.

xxv) Vimal, Shobhit Raj, Jay Shankar Singh, and Sheo Mohan Prasad. "Prospective ofIndole-3-Acteic Acid (IAA) and Endophytic Microbe Bacillus subtilis Strain SSA4 inPaddy Seedlings Development and Ascorbate–Glutathione (AsA-GSH) Cycle RegulationtoMitigate NaCl Toxicity."Molecular Biotechnology (2023):1-16.

xxvi) Vimal, Shobhit Raj, Jay Shankar Singh, Ashwani Kumar, and Sheo Mohan Prasad."Plant genotype-microbiome engineering as nature-based solution (NbS) for regenerationof stressedagriculture:Areview."Scientia Horticulture321(2023):112258.

xxvii) Saran, Christina, Diane Purchase, Ganesh Dattatraya Saratale, Rijuta Ganesh Saratale,Luiz Fernando R. Ferreira, Muhammad Bilal, Hafiz MN Iqbal, ChaudheryMustansarHussain, Sikandar I. Mulla, and Ram Naresh Bharagava. "Microbial fuel cell: A greeneco-friendly agent for tannery waste water treatment and simultaneous bioelectricity/power generation."Chemosphere(2022):137072.

xxviii) Pratap, Bhanu, Saroj Kumar, Sampurna Nand, Iqbal Azad, Ram Naresh Bharagava,Luiz Fernando Romanholo Ferreira, and Venkatesh Dutta. "Wastewater generation andtreatment by various eco-friendly technologies: Possible health hazards and further reuseforenvironmental safety."Chemosphere313(2023):137547.

xxix) Andrade,LarissaRenataSantos,RaulJoséAlvesFelisardo,IannyAndradeCruz,MuhammadBilal, HafizMNIqbal,SikandarI.Mulla,RamNareshBharagava,RanyereLucenadeSouza,LucasCarvalhoBasilioAzevedo,andLuizFernandoRomanholoFerreira."IntegratedBiorefineryandLifeCycle AssessmentofCassavaProcessingResidue–FromProductiontoSustainableEvaluation." Plants 11,no.24(2022): 3577.

xxx) Andrade,LarissaRenataSantos,RaulJoséAlvesFelisardo,IannyAndradeCruz,MuhammadBilal, HafizMNIqbal,SikandarI.Mulla,RamNareshBharagava,RanyereLucenadeSouza,LucasCarvalhoBasilioAzevedo,andLuizFernandoRomanholoFerreira."IntegratedBiorefineryandLifeCycle AssessmentofCassavaProcessingResidue–FromProductiontoSustainableEvaluation." Plants 11,no.24(2022): 3577.

xxxi) Cruz, Ianny Andrade, Larissa Renata Santos Andrade, Anderson Alles de Jesus, BrunaRegodeVasconcelos,RamNareshBharagava,MuhammadBilal,RenanTavaresFigueiredo

,RanyereLucenadeSouza,andLuizFernandoRomanholoFerreira."Potential of eggshell waste derived calcium for sustainable production of biogas fromcassavawastewater."JournalofEnvironmentalManagement321(2022):116000.

xxxii) Daphedar,AzharuddinB.,SiddappaKakkalameli,BasheerabegumFaniband,Muhammad Bilal, Ram Naresh Bhargava, Luiz Fernando Romanholo Ferreira, AbbasRahdar,DummiMahadevanGurumurthy,and SikandarI.Mulla."Decolorizationofvarious dyes by microorganisms and green-synthesized nanoparticles: current and futureperspective."Environmental Scienceand PollutionResearch(2022): 1-16.

xxxiii) Joseph,Betsy,SandeepGopalakrishnan,RanaA.Alamoudi,RuaaA.Alamoudi,Suneesh K. Pachathundikandi, Rasha N. Alotaibi, and Sukumaran Anil. "Detection ofinvisibledentalbiofilmusinglight – inducedautofluorescenceinadultpatients–Asystematic review."PhotodiagnosisandPhotodynamicTherapy39(2022):102916.

xxxiv) Vishwakarma, Akanksha, Ankita Srivastava, SukhDev Mishra, and Digvijay Verma."Taxonomic and functional profiling of Indian smokeless tobacco bacteriome uncoversseveral bacterial-derived risks to human health." World Journal of Microbiology andBiotechnology39,no.1(2023):20.

xxxv) Srivastava,Ankita,andDigvijayVerma."GangaRiversedimentsofIndiapredominatewithaerobic andchemo-heterotrophicbacteriamajorlyengagedinthedegradationofxenobioticcompounds." EnvironmentalScienceandPollutionResearch 30,no.1(2023):752-772.

xxxvi) Digvijay Verma, Vinay Kumar, and Tulasi Satyanarayana. "Genomic attributes ofthermophilicandhyperthermophilicbacteriaandarchaea." WorldJournalofMicrobiologyand Biotechnology38,no.8(2022): 135.Srivastava,Ankita, SukhDevMishra,PankajKumarGarg,AshokKumarDubey,S.V.S. Deo, and Digvijay Verma. "Comparative and analytical characterization of the oralbacteriomeofsmokelesstobaccouserswithoralsquamous cellcarcinoma." AppliedMicrobiologyand Biotechnology106,no.11(2022):4115-4128.

xxxvii) Pandey, Giriraj, Prashant Pandey, Dilip Kumar Arya, Shubham Kanaujiya, DeshrajDeepakKapoor,RaviKrGupta,ShivenduRanjan,KumarappanChidambaram,Balamuru gan Manickam, and P. S. Rajinikanth. "Multilayered nanofibrous scaffold ofPolyvinylalcohol/gelatin/poly(lactic-co-glycolicacid)enrichedwithhemostatic/antibacterial agents for rapid acute hemostatic wound healing." Internationaljournalof pharmaceutics638(2023):122918.

xxxviii) Singh, Pragya, Prashant Pandey, Dilip Kumar Arya, Md Meraj Anjum, SubramaniamPoonguzhali,Abhishek Kumar,RaviGuptaetal."Biomimickingdualdrugelutingtwistedelectrospunnanofiberyarnsforpo st-operativewoundhealing." BiomedicalMaterials18,no.3(2023):035006.

9. Attended/ participated in Conferences/seminar/work shop inside country

i) Prof. Ram Chandra (2022) delivered lecture as Distinguished Speakers in "Lucknow climate change conference on control of greenhouse gasses at the source by physical and chemical technologies_2k22 "" on dated 22 April, 2022 at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, Uttar Pradesh.

ii) Prof. Ram Chandra (2022) delivered a Invited Lecture in "Innovationand Technology forSustainable Rural Development"onPublicHealthHazardsofIndustrial Waste and their Management for Improvement of Rural Economy by InnovativeTechnology' on dated 02 July, 2022 at Babasaheb Bhimrao Ambedkar University(ACentralUniversity),Lucknow, Uttar Pradesh.

iii) SheelRatna,RajeshKumar;"Isolationandscreeningofplantgrowthpromoting bio surfact ant and Ligninolytic producing bacteria for bioremediation of distillery waste water" at 108th Indian Science Congress held on 3rd-7th January 2023 organized in Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

iv) Ajay Prakash, Rajesh Kumar; "Biosurfactant assisted bioremediation of crude oil and petroleum hydrocarbon contaminated site." at 108th Indian Science Congress held on 3rd -7th January 2023 organized in RashtrasantTukadoji Maharaj Nagpur University, Nagpur.

v) Dr. Ram Naresh Bharagava 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

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

vii) Dr. Ravi Kr. Gupta attended Workshop on the topic "Synergistic Training program utilizing science and Technology in frastructure (STUTI)" organized by Dept. of Chemistry, BBAU, Lucknow. Date: 22-28 September, 2022.

viii) Two day International conference of biotechnology (COB-2022) organized by Dr. Lal institute of biotechnology on June 10-11,2022 Topic:"Isolationandscreeningofantimicrobial producing bacterial strain against pathogenic bacteria from hospital wastesites"Abhishekkumar and Ravi KumarGupta*

ix) Two days national conference on microbiology recent research, technology developmentand future easpectsheldon07-08,April2023.Topic:"Isolationofantibacterialshowingbacterialstrainagainstpathogensfromhospital waste sites oil"Abhishekkumarand

RaviKumarGupta*

a. **Dr.DigvijayVerma**attendedEntrepreneurshipEducator"OrientationProgramatEntrepreneurshipInstituteofIndia,Ahmedabad,sponsoredbyEDII,Gandhinagar,Ahmedabad,during04-08,July 2022.

b. **Dr. Digvijay Verma** attended Two-week refresher course (Environmental Sciences) atRamanujan college, University of Delhi sponsored byvMinistry of Human ResourceDevelopment (MHRD) launched the Pandit Madan Mohan Malaviya National MissiononTeachersandTeaching(PMMMNMTT),during04-18,September,2022.

c. **Dr. Digvijay Verma** attended Implementation of NEP•2020 for University and CollegeTeachers at IGNOU, New Delhi,Sponsored by Indira Gandhi National Open University,New Delhi,during 07-15,October,2022

2. Consultancyworks,if any

i. Paidconsultancywithamount received

- Drawing,Designing,Engineering,Construction,Supply,Installation,Erection,& Commissioningof5KLD EffluentTreatmentPlant&80KLDSewageTreatmentPlant,RailwayHospitalLucknowby**M/S Saviour Envirotech, Lucknow**
  Total ost:Rs.25000**(Prof.RamChandra)(March,2023)**
- VettingFeeDetailfor100KLDCompactUnit(Pre-Fabricated)SewageTreatmentPlantby**M/s SaviourEnvirotech,Lucknow**
  Totalcost:Rs.25000 **(Prof.RamChandra)(May,2022)**

3. DetailsofMOOC/onlinecoursesdevelopedbythefaculty

i. **Prof. Ram Chandra** has created an online content available at link(BACTERIA 1): https://www.youtube.com/watch?v=Uux5xIsLolw&t=1s(BACTERIA 2): https://www.youtube.com/watch?v=jiWZPR1Wprs&t=2sBACTERIA 3): https://www.youtube.com/watch?v=mDzlN_HAjvU&t=106s(FUNGI1) https://www.youtube.com/watch?v=FZnpTuCVAeg&t=1s(FUNGI2) https://www.youtube.com/watch?v=aE8Lsfyy45c&t=197s(FUNGI3) https://www.youtube.com/watch?v=OlKsj8FHE1Q

ii. **Dr. Ravi Kumar Gupta** has created an online content available at link(gene editing by risprcas technology)https://www.youtube.com/watch?v=MYpuvvJwBjY

4. Detailsofinvitedlectureinsidethecountry

i. **Prof. Ram Chandra (2022)** delivered lecture as **Distinguished Speakers** in "Lucknowclimate change conference on control of greenhouse gasses at the source by physical andchemicaltechnologies_2k22"ondated22April,2022at**BabasahebBhimraoAmbedkarUniversity**(A CentralUniversity),Lucknow, UttarPradesh.

ii. **Prof. Ram Chandra (2022)** delivered a **Invited Lecture** in "**Innovationand Technology forSustainable Rural Development"**on„*PublicHealthHazardsofIndustrial Waste and their Management for Improvement of Rural Economy by InnovativeTechnology'* on dated 02 July, 2022 at **Babasaheb Bhimrao Ambedkar University**(ACentralUniversity),Lucknow, Uttar Pradesh.

iii. **Dr.RamNareshBharagava**deliveredinvitedlectureon"Waterpollutionanditsminimizationapproaches"intheconferenceofInternationalWorkshopandConferenceonMembrane Assisted Water Purification Processes (ICMW2023) held from March 09 -12, 2023,organizedbyMahatma Gandhi University, Kottayam686560,Kerala,India.

5. DetailsofResearchProjects(majorandminor)

a. **Prof.RamChandra**isrunningamajorprojectentitled**"Developmentanddemonstration of pulp paper mill effluent detoxification technology after secondarytreatment by combination of bio-augmentation and constructed wetland treatmentprocess for re-use and prevention of river pollution**" funded by DBT, New Delhi, withgrantofRs.72.59 lakh (w.e.f. March 2018)

b. **Dr.SuneeshKumarPachathundikandi**isrunningamajorprojectentitled"***Helicobacter pylori* **infection mediated expression of Interleukin-1β and Nod-likeReceptorPyrin-3inflammasomeregulationintheinfluenceofdiet-derived signalling molecules and microbiota including probiotics"** funded by SERB, DST,Govt.ofIndia,withgrantof Rs.72.59lakh (w.e.f. Feb 2023)

c. **Dr. Ram Naresh Bhargava** is running a major project entitled "**Development andoptimizationofamicrobialfuelcells(MFCs)consortiumfortheeffectivedegradation and detoxification of residual dyes from textile industry wastewaterwith simultaneous bioelectricity generation" funded by** Department of Science andTechnology (DST), New Delhi, with grant of Rs. **45.49 Lakh** for three years (w.e.f. April2018)

6. Detailsofpatentsfilled/Awarded

- Method for solar photo decolourisation of bacterial degraded distillery wastewater for itsreusesinagriculture

Inventor:Chandra,Ram; Yadav,Sangeeta;Tripathi, Sonam
ApplicationNumber: 2021103846
Status: Awarded

7. DetailsrelatedtoGoodGovernanceattheDepartmentleveltoensuretransparency/student participation/timeboundresultsetc.

- Evaluatedanswersheetsareshowntostudentsfortheirimprovement.

8. Studentsachievements

- Accomplishments of thestudents.

NumberofstudentscompletedtheirMasters/ graduation/Diploma	M.Sc.EnvironmentalMicrobiology	**19**
	M.Sc.IndustrialMicrobiology	**16**
	M.Sc. FoodMicrobiology&Toxicology	**23**
Number of Student selected inCivilServices	UPPSC	**00**
	UPSC	**00**
Numberofstudentpursuinghigher studies		**15**
Numberofstudentselected	Govt.job	**02**
other government jobs/banking/school teachingetc.	TeachinginHigher Education	**08**
	Teaching	**04**
	Job	**28**
	Projects	**08**
NumberofStudentsplacedthroughcampusinterview		**02**
Numberofstudentawarded SLET/NET/JRF/anyotherfellowship		**05**

- **Ph.D.awardedduringtheyear(2022-23)**

S.No.	NameofthePhDscholar	Nameofthesupervisor	Year of PhDawarded	Fellowshipavailed
1.	Adarsh Kumar	Prof. RamChandra	2022	UGCNon-Netfellowship
2.	SwatiRastogi	Prof. RajeshKumar	2022	UGCNon-Netfellowship
3.	Roop Kishor	Dr.RamNareshBharagava	2022	DBTProjectJRF
4.	AjayKumarSingh	Prof. RamChandra	2022	NFPWD
5.	RishabhAnandOmar	Dr.PankajKumarArora	2022	UGCNon-Netfellowship
6.	TahmishFatima	Prof. NaveenKumarArora	2022	UGCNon-Netfellowship
7.	Isha Mishra	Prof. NaveenKumarArora	2022	UGCNon-Netfellowship
8.	SushmaVerma	Prof. NaveenKumarArora	2023	UGCNon-Netfellowship
9.	KshitijSingh	Prof. RamChandra	2023	UGCNon-Netfellowship

- **Ph.D.student'spursuingPh.D(2022-23).**

S.No.	Nameofthestudent	NameoftheSupervisor	Year of Registration	Fellowshipavailing
1.	Ms. ShwetaBharti	Prof.RajeshKumar	2018	NFSC
2.	Ms.Prerna	Prof. RamChandra	2018	UGCNon-Netfellowship
3.	KmJyoti	Prof. RamChandra	2019	UGCNon-Netfellowship
4.	RuchiSankhwar	Dr. RaviKumarGupta	2019	UGCNon-Netfellowship
5.	BeemaKumari	Prof. RamChandra	2019	UGCNon-Netfellowship
6.	VinayKumar	Dr.DigvijayVerma	2019	UGCNon-Netfellowship
7.	AbhishekKumar	Dr. RaviKumarGupta	2019	UGCNon-Netfellowship
8.	AjayPrakash	Prof. RajeshKumar	2019	UGCNon-Netfellowship
9.	AnkitaSrivastava	Dr.DigvijayVerma	2019	UGCNon-Netfellowship
10.	Apoorva Dixit	Prof.RajeshKumar	2019	UGCNon-Netfellowship
11.	AkankshaVishwakarma	Dr.DigvijayVerma	2019	UGCNon-Netfellowship
12.	AnuradhaDevi	Dr. RamNareshBhargava	2019	UGCNon-Netfellowship
13.	ChristinaSaran	Dr. RamNareshBhargava	2019	UGCNon-Netfellowship
14.	KuldeepSoni	Prof. RamChandra	2019	NFOBC
15.	AshishKumar	Dr.PankajKumarArora	2020	NFSC

9. Googleprofileofthefacultymembers,ofavailable Prof.RamChandra

	All	Since 2018
Citations	8675	6122
h-index	57	46
i10-index	119	109

d. **Dr.SuneeshKumarPachathundikandi**

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

e. **Dr.VinaySinghBaghel**

	All	Since 2016
Citations	398	191
h-index	9	7
i10-index	9	7

f. **Dr.JayShankarSingh**

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

g. **Dr.RamNareshBharagava**

	All	Since 2016
Citations	9581	8766
h-index	51	49
i10-index	122	122

h. **Dr.DigvijayVerma**

	All	Since 2016
Citations	1114	869
h-index	12	11
i10-index	15	13

i. **Dr.RaviKumarGupta**

	All	Since 2016
Citations	565	398
h-index	11	11
i10-index	11	11

j. **Dr.PankajKumarArora**

	All	Since 2016
Citations	2883	2142
h-index	25	19
i10-index	41	30

Department of Environmental Science

Department of Environmental Science is presently offering P.G. program i.e., M.Sc. in Environmental Science and Ph.D. program in Environmental Science. The Department is working as interdisciplinary centre to learn and disseminate the knowledge in various aspects of environment by offering M.Sc. and Ph.D. degrees to students. Presently, there are 18 P.G. students in Environmental Science, 24 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 Professor 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 Modelling 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 24 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, International Conference on Environmental Technology and Sustainable Development: Challenges and Remedies and Workshop on Mainstreaming Climate Change Adaptation & Disaster Risk Reduction. 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:

a) M.Sc : Environmental Science

b) Ph.D : Environmental Science

3. Facilities available in the Department

a) 01 M.Sc. Laboratory

b) 05 Research Laboratory

c) 01 Smart Classroom

d) 01 Departmental Library

e) 01 Field Station

4. Details of Faculty

i. **Prof. Rana Pratap Singh**
Professor
Specialization: Stress Biology of Plants and Microbes, Ecological Engineering, Ecological Agriculture, Environmental Impact Assessment.
Research Interest: Agro-ecological concerns and Ecological Agriculture, Climate Impact Studies, Bioremediation, Designer Ecosystems
Qualification: M.Sc., Ph.D.

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

iii. **Prof. Naveen Kumar Arora**
Professor& Dean
Specialization: Environmental and Agricultural Microbial Technology
Qualification:M.Sc., Ph.D.

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

v. **Prof. Venkatesh Dutta**
Professor
Specialization: Environmental Management, EIA, Modeling, Water Res. Management
Qualification:M.Sc., Ph.D.

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

vii. **Dr.NandkishorS. More**
Associate Professor
Specialization: Cell & Developmental Biology, Toxicology
Qualification: M.Sc., M.Phil.Ph.D

viii. **Dr. Jiwan Singh**
Assistant Professor
Specialization: Solid waste management, water and waste water treatment, synthesis of nanomaterials and their applications, composting/ vermicomposting, phytoremediation
Qualification:M.Sc.M.Tech., Ph.D.

5. DetailsoftheSeminar/Conference/WebinarorganizedbytheDepartment.

i) World Environment Day **'Only One Earth'** on 5th June, 2022.
ii) National Conference '**Innovation & Technology for Sustainable Rural Development'** on 1st - 2nd July, 2022
iii) Webinar on "Innovative Applications of Metagenomics Data Analysis in Life Sciences" jointly organized by CIIE and School of Earth and Environmental Science, BBAU and Biokart India Pvt Ltd, Bangalore, 26th May 2022
iv) Online Seminar I**nternational Ozone Day, 2022** on 16th September, 2022.
v) Webinar organized on Ozone day on September, 16, 2022
vi) One day farmer's training programme under STI-HUB Project funded by DST-SEED, 18th December 2022

6. OtherDepartmentallevelAcademicActivities(Academicactivitiesthatincludeslectureseries,guest lecturersetc,detailsaboutessay/quizcompetitionetc)

i) Information Session on 2023-2024 **Fulbright-Nehru and other Fulbright Fellowship** on 12th April, 2022
ii) Invited Lecture **SILICOFLAGELLATES: DESIGN, VARIABILITY AND EVOLUTION**, Prof. Kevin Mccartney, Professor of Geology & Environmental Studies, University of Maine

at Presque Isle, USA 10th May, 2022

iii) **Gobal Climate Change'** Prof. Z. Fuat Tprak, Faculty of Engineering, Diele University, Turkey on 23rd June, 2022

iv) Poster and Debate competition on World Wetlands Day, 2nd February, 2023.

7. Detailsofco-curricular/Extra-curricular/sportsActivities(celebrationofthevariousimportantday,sportsevents,culturalprogrammes,plantationdriveetc)

Prof. Naveen Kumar Arora

i) A four-day workshop on ―Training for Entrepreneurship Development in Farmers under STI-HUB Project funded by DST-SEED, 15th -18th March 2023

ii) Organized Reward Based One-day Inter Institutional Idea Challenge/Competition through Yukti-NIR, 29th March 2023

iii) Culture exchange programme "Yuva Sangam" organized under the aegis of Ek Bharat Shrestha Bharat from Uttar Pradesh to Meghalaya where 50 students visited the state, Meghalaya **,** 27th Feb – 6th Mar 2023

iv) Culture exchange programme "Yuva Sangam" organized under the aegis of Ek Bharat Shrestha Bharat from Meghalaya to Uttar Pradesh where 35 students visited the state, Uttar Pradesh**,** 10th Mar – 16th Mar 2023

v) Organized one-day meet on "Climate Change and its impact on Floods and Droughts" in collaboration with world public commission on Floods and Drought and organization Parmarth, 25th December 2022

vi) Organized One day Farmers' training regarding "Remediation of Saline soil, Organic farming and Floriculture" at Central Facility Center and Center for Innovation, Incubation and Entrepreneurship, BBAU under DST-SEED funded project, 16th December 2022

vii) Organized Craft project for Azadi ka Amrit Mahotsav on theme: "Waste to Best" and "Waste to Wealth", 2nd August 2022

viii) Visited and Interacted with farmers of Himachal Pradesh and gave training for methods of organic farming

8. DetailsothememorandumofUnderstandingsignedwithnational/foreignInstitutions,ifany(nameoftheinstitution anddetailsoftheco-ordinatoroftheMoU)

Prof. Naveen Kumar Arora

i) MoU is signed with Hyderabad-based Company '**Sri BioAesthetics Pvt Ltd'** and with **Dr. KRK Reddy**whois the partner Key investigator

9. Visitorsof Departmentfrominsidethecountry(during01.04.2022-31.03.2023)

i) Dr. Rajendra Singh (Jal Purush)

ii) Prof. SK Barik, Director NBRI

iii) Prof. PK Seth, Former Director, CSIR-IITR

iv) Dr.Debpriya Dutta, Head SEED Division, DST Ministry of Science and Technology, New Delhi

v) Prof. Awasthi, IIM, Lucknow

vi) Dr. Alok Kalra, Former Director, CSIR-CIMAP

vii) Prof. HB Singh, BHU, Varanasi and GLA University, Mathura

viii) Dr. YP Singh, Former Head ICAR-CSSRI, Lucknow

ix) Dr. Ravi K Singh, DFO Lucknow

x) Dr. VP Sharma, Principal Scientist, CSIR-IITR

xi) Dr.Shalendra Singh, Turtle Survival Alliance

xii) Dr. J.S. Khurajiram, Senior Scientist, CSIR-NBRI

10. Visitorsof Departmentfromoutsidethecountry(during01.04.2022-31.03.2023)

i) Information Session on 2023-2024 **Fulbright-Nehru and other Fulbright Fellowship** on 12th April, 2022

ii) Invited Lecture **SILICOFLAGELLATES: DESIGN, VARIABILITY AND EVOLUTION**, Prof. Kevin Mccartney, Professor of Geology & Environmental Studies, University of Maine at Presque Isle, USA 10th May, 2022

iii) **Gobal Climate Change'** Prof. Z. Fuat Tprak, Faculty of Engineering, Diele University, Turkey on 23rd June, 2022

iv) Dr.DilfuzaJabborova, PhD, Head, Lab. of Medicinal Plants Genetics and Biotechnology

Uzbekistan Academy of Sciences, Uzbekistan

11. Members/fellowshipofprofessional/Academicbodies/editorialboard)

Prof. S.K. Dwivedi

i) Life Member, Indian Science Congress Association
ii) Life Member, Indian Phytopathological Society*
iii) Life Member, Indian Botanical Society*
iv) Life Member, Indian Lichenological Society
v) Life Member, Indian Aerosol Science & Technology
vi) Life Member, Prof. H. S. Srivastava Foundation for Science and Society (PHSS)
vii) International Society for Tropical Ecology*
viii) Purvanchal Environmental Association*
ix) PrakritiMitra Society for Science & Technology (PMSST)
x) *Fellow of the society*

Prof. Naveen Kumar Arora

i) Life Member of Association of Microbiologists (AMI) of India.
ii) Life Member of Indian Science Congress Association, Kolkata, India.
iii) Life Member of Asian PGPR Society
iv) Life Member of Professor H.S. Srivastava Foundation for Science and Society
v) Secretary & Life Member of Clean and Green Environmental Society, Lucknow
vi) President & Life Member, Society for Conservation of Wildlife
vii) Secretary & Life Member, Society for Environmental Sustainability
viii) Fellow of International Society for Environmental Botanists, (ISEB), CSIR, NBRI
ix) Life Member of The Indian Botanical Society, Rohilkhand University, Bareilly
x) Life member of the Babasaheb Bhimrao Ambedkar University Alumni Association

Editor In Chief

xi) Editor in Chief, Environmental Sustainability (Springer Nature) 2018 – present
xii) Editor, Plant Pathology, Wiley – 2022 – present

Member Editorial Board of Journal

xiii) Editor, Plant Pathology, Wiley

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

Dr.Nandkishor S. More

i) Life Member, Indian Society of Developmental Biologists
ii) Life Member, Indian Network of Soil Contamination Research
iii) Life Member, Vice President, Bharat Jan Gyan Vigyan Samiti
iv) Life member, Nuclear Track Society of India
v) Life Member, Prof H S Srivastava Foundation for Science and Society
vi) Life Member, Society for Advancement of Science
vii) Member, Association of Biotechnology and Pharmacy
viii) Editorial Board, Member, Current Trends in Biotechnology and Pharmacy , ISSN0973-8916(Print), 2230-7303

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

Prof. Narendra Kumar

i) *Life Member,* Zoological Society of India, Gaya, Bihar, India

ii) Life Member, BBAU Alumni Association, Lucknow

Dr. Jiwan Singh

i) Editor in Chief, Journal of Applied Science, Innovation & Technology (JASIT)

12. DetailsofBookswritten/editedbyfacultymembers

Prof. Naveen Kumar Arora

i) Arora NK, Mishra, Jitendra, Agnihotri, Shekhar 2022. Extremozymes and their Industrial Applications. 1st Edition Elsevier. ISBN: 978-032-39-0274-8

ii) Kothari R., Singh A., & Arora NK. 2022. Biomass, Bioenergy & Bioeconomy. Springer. Series: Microorganisms for Sustainability, Vol. 35 ISBN 978-981-19- 2911-3

iii) Maheshwari DK., Dobhal R., & Dheeman S. (Series Ed. N K Arora) 2022. Nitrogen Fixing Bacteria: Sustainable Growth of Non-legumes. Springer. Series: Microorganisms for Sustainability, Vol. 36 ISBN 978-981-19-4905-0

iv) Maheshwari DK., Dobhal R., & Dheeman S. (Series Ed. N K Arora) 2022. Nitrogen Fixing Bacteria: Sustainable Growth of Non-legumes. Springer. Series: Microorganisms for Sustainability, Vol. 36 ISBN 978-981-19-4905-0

v) Singh UB., Sahu PK., Singh HV., Sharma PK. & Sharma SK. (Series Ed. N K Arora) 2022. Rhizosphere Microbes: Biotic Stress Management. Springer. Series: Microorganisms for Sustainability, Vol. 40 ISBN 978-981-19-5871-7

vi) Kanekar PP, Sagar PralhadKanekar (Series Ed. N K Arora) 2022. Diversity and Biotechnology of Extremophilic Microorganisms from India. Springer. Series: Microorganisms for Sustainability, Vol. 41 ISBN 978-981-19-1573-4

vii) Amaresan N., Dharumadurai D. & Babalola OO. (Series Ed. N K Arora) 2022. Agricultural Microbiology Based Entrepreneurship: Making Money from Microbes. Springer. Series: Microorganisms for Sustainability, Vol. 39 ISBN 978-981-19-5746-8

viii) Amaresan N., Dharumadurai D. & Cundell DR. (Series Ed. N K Arora) 2022. Industrial Microbiology Based Entrepreneurship: Making Money from Microbes. Springer. Series: Microorganisms for Sustainability, Vol. 42 ISBN 978-981-19- 6664-4.

ix) 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

x) 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

xi) Maheshwari DK & Dheeman S. (Series Ed. N K Arora) 2023. Sustainable Agrobiology. Series: Microorganisms for Sustainability, Vol. 43. ISBN: 978-981- 19-9570-5

xii) 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

xiii) 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

i) Phartiyal, B., Mohan, R., Chakraborty, S., *Dutta, V.,* and Gupta, A. K. (2023) *Climate Change and Environmental Impacts: Past, Present and Future Perspective*, Springer Nature Switzerland, ISBN: 978-3-031-13118-9.

Prof. Narendra Kumar

i) Sanjeev Kumar, KuldeepBauddh, Ritu Singh, **Narendra Kumar**, Rajesh Kumar (2022)Aquatic macrophytes: Ecology, Functions and Services. Springer Nature (accepted and in press).

13. Detailsofeditingjournalsandmagazines

Prof. Naveen Kumar Arora

Reviewer of Current Microbiology (Springer Publication)

i) Reviewer of World Journal of Microbiology & Biotechnology (Springer Publication)

ii) Reviewer of Water Research (Elsevier)

iii) Reviewer of Chemosphere (Elsevier)

iv) Reviewer of Crop Protection (Elsevier)

v) Reviewer of Archives of Agronomy and Soil Science (Taylor & Francis)
vi) Reviewer of African Journal of Microbiology Research
vii) Reviewer of Climate Change and Environmental Sustainability
viii) Reviewer of Journal of Environmental Biology
ix) Reviewer of African Journal of Agriculture Research
x) Reviewer of African Journal of Biotechnology
xi) Reviewer of Applied Soil Ecology (Elsevier)
xii) Reviewer of Journal of Genetics
xiii) Reviewer of Environmental Monitoring and Assessment
xiv) Reviewer of Frontiers in Microbiology
xv) Reviewer of Physiology & Molecular Biology of Plants
xvi) Reviewer of European Journal of Soil Biology (Elsevier)
xvii) Reviewer of Symbiosis (Springer)
xviii) Reviewer of Critical Reviews in Microbiology (Elsevier)
xix) Reviewer of Journal of Plant Interactions (Taylor and Francis)
xx) Reviewer of Biological Control (Elsevier)

Prof. Shikha

i) Editor in Chief, Journal of Applied Science, Innovation & Technology (JASIT)

Dr Nandkishor S More

i. Editorial Board/Group, Member, Current Trends in Biotechnology and Pharmacy , ISSN0973-8916(Print), 2230-7303

Dr. Jiwan Singh

i. Editor in Chief, Journal of Applied Science, Innovation & Technology (JASIT)

14. DetailsofBookChapterineditedvolume/conferencevolume.

Prof. S.K. Dwivedi

i) Kumar Vinay, Singh Garima, **Dwivedi S.K**, Chaudhari A.K and Tripathi A.R (2023).Recovery of valuable metals from electroplating effluent. p.273-294. In: Resource Recovery in Intdustrial Waste Waters. (eds. Mika Sillanpaa, Ali khadir and KhumGurung) ISBN:978-0-323-95327-6 (Elsevier publications)

ii) Kumar Vinay, Singh Garima and **Dwivedi S.K (2023).** Application of Bioleaching for Metal Recovery. pg. 295-318. In: Resource Recovery in Intdustrial Waste Waters. (eds. Mika Sillanpaa, Ali khadir and KhumGurung) ISBN: 978-0-323-95327-6 (Elsevier publications).

Prof. Naveen Kumar Arora

i) Arora, NK. & Fatima, T. 2023. Development and Application of Consortia-BasedMicrobial Bioinoculants for Sustainable Agriculture. In book: Sustainable Agrobiology. DOI: 10.1007/978-981-19-9570-5_17. (pp.401-405)

ii) Katiyar, P. & Kumar, S. & Arora, NK. 2022. Interactions of Nitrogen-Fixing Bacteria and Cereal Crops: An Important Dimension. In book: Nitrogen Fixing Bacteria: Sustainable Growth of Non-legumes. DOI: 10.1007/978-981-19-4906-7_8.pp. 169-194.

iii) Mishra, P., Bhattacharya, A., Verma, P., Bharti, C. & Arora, NK. 2022. Plant Growth-Promoting Bacteria as Biostimulants of Crops in Saline Agroecosystems. In book: Microbial BioTechnology for Sustainable Agriculture Volume 1. DOI:10.1007/978-981-16-4843-4_6. pp.205-235

iv) Fatima, T., Verma, P., Verma, S., Alaylar, B. & Arora, NK. 2022. Role of Metabolites Produced by Plant Growth-Promoting Bacteria in Biocontrol of Phytopathogens under Saline Conditions. In book: Microbial BioTechnology for Sustainable Agriculture Volume 1. DOI: 10.1007/978-981-16-4843-4_9. pp. 287- 324

v) Mishra P. & Arora NK. 2022. Human Impacts on Natural Habitats Leading to Covid-19 Pandemic. In book: Delineating Health and Health System: Mechanistic Insights into Covid 19 Complications. DOI: 10.1007/978-981-16-5105-2_4. pp.97-110

vi) Singh, H., Goria, K., Raina, S., Azam, R., & Kothari, R., Arora, NK. & Tyagi, V. 2022. Biodiesel from oleaginous fungi, bacteria, and yeast produced using waste substrates. In book: Waste and Biodiesel 10.1016/B978-0-12-823958-2.00004-5.pp.73-91

vii) Mishra, P., Mishra, J. & Arora, NK. 2022. Biocontrol of fungal phytopathogens in saline soils by halophilic chitinase-producing microbes. In book Extremozymes and their Industrial Applications. DOI: 10.1016/B978-0-323-90274-8.00012-5; pp. 405-419

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) Saumya Khare and Shikha (2022) Enzymes and its nano-scaffold for remediation of organic matter in wastewater: A green Bioprocess In: Recent Trends in Wastewater Treatment (S. Madhav et al. (eds.), Springer Nature Switzerland AG 2022, pp 341-363 https://doi.org/10.1007/978-3-030-99858-5_15 (ISBN 978-3-030-99857-8 ISBN 978-3-030-99858-5 (eBook))

iii) Shailja Singh, Shiv Shankar and Shikha (2022) Microbial synthesis of nanoparticles for wastewater remediation In: Nano-biotechnology for Waste Water Treatment (J. P. N. Rai and S. Saraswat (eds.), Springer Nature Switzerland AG 2022, pp 115-150 https://doi.org/10.1007/978-3-031-00812-2_5 (ISBN 978-3-031-00811-5 ISBN 978-3-031-00812-2 (eBook)

iv) Dr Nandkishor S More

v) Anuradha Devi, Luiz Fernando Romanholo Ferreira, Ganesh Dattatraya Saratale, Sikandar I. Mulla, **Nandkishor More**, Ram Naresh Bharagava Microbe-assisted phytoremediation of environmental contaminants in "Advances in Microbe-assisted Phytoremediation of Polluted Sites" (1 st Ed.), Edited by "Kuldeep Bauddh and Ying Ma". (2022) https://doi.org/10. 1016/ B978-0-12-823443-3.00001-6.

vi) **Nandkishor More**, Anjali Verma, Deepthi Wickramasinghe, Rajnish Gautam, Dimuth Navaratna, A. V. P. R. Jonnada, and Ram Naresh Bharagava Applications of Nanoparticles for Microbial Contaminants and Pathogens Removal from Wastewater in J. P. N. Rai and S. Saraswat (eds.), Nano-biotechnology for Waste Water Treatment, Water Science and Technology Library 111, Springer Nature Switzerland AG 2022 https://doi.org/10.1007/978-3-031-00812-2_9.

vii) **Nandkishor More**, Anjali Verma, Ram Naresh Bharagava, Arun S Kharat, Rajnish Gautam, and Dimuth Navaratna, Sustainable Development in Agriculture by Revitalization of PGPR in Edited volume Bharagava et al Bioremediation: Green Approaches for a Clean and Sustainable Environment CRC Press,| Taylor & Francis, (2022), https://doi.org/10.1201/9781003181224.

viii) Roop Kishor, Arpita Singh, **Nandkishor More**, and Ram Naresh Bharagava , A Sustainable Approach to the Degradation and Detoxification of Textile Industry Wastewater for Environmental Safety in Edited volume Bharagava et al Bioremediation: Green Approaches for a Clean and Sustainable Environment CRC Press,| Taylor & Francis, (2022), https://doi.org/10.1201/9781003181224.

ix) Thesis on "Carbon Dynamics of Different Soil Types in Peri-Urban Lucknow, India" was awarded Doctoral Degree (2022) by BBAU, Lucknow.

Prof. Venkatesh Dutta

i) Iqbal, K. and *Dutta, V*. (2022) Effect of Flow Alteration on River Ecology: State of the Art, Taylor & Francis. DOI: 10.1201/9781003220824-5

ii) Kumar, S., Pratap, B., Dubey, D. &*Dutta, V.* (2022) Integration of Constructed Wetland Technology as Decentralized Wastewater Treatment Facility and Water Reuse in Agriculture, Taylor & Francis. DOI: 10.1201/9781003220824-39

iii) Dubey, D., Kumar, S. and *Dutta, V*. (2022) Algae and Macrophytes as Bioindicators of Freshwater Ecosystem, Taylor & Francis. DOI: 10.1201/9781003220824-33

iv) Dutta, V. (2022) Droughts and adaptation strategies – challenges for small and marginal farmers, In: Environment and Sustainable Development: Perspectives and Issues, Routledge, UK.

v) Dutta, V. (2022) Shared water: Contest, conflicts and cooperation, In: Water Conflicts and Resistance, p.22, Routledge, UK. ISBN9780429351006

Prof. Narendra Kumar

i) 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 (In press).

ii) 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. (In press)

iii) 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.

iv) Karmakar S, Roy R, Bhattacharya A, Biswajit K, Kumar S, Singh R, Bauddh K, Kumar N (2022) Rhizobacteria assisted phytoremediation of oily sludge contaminated sites. In Advanced in Microbe- Assisted Phytoremediation of polluted sites (Bauddh K, Ma Y), Elsevier, pp 403-417 (ISBN 9780128234433).

Dr. Jiwan Singh

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

ii) Bhan, C., Singh, J., 2022. A Review of Fluoride Contamination in Groundwater and Its Removal by Adsorption Process In R C Sobti, Sandeep K. Malhotra, Kamal Jaiswal, Sanjeev Puri (Eds.), Environmental Studies and Climate Change, Boca Raton Imprint CRC Press, DOI https://doi.org/10.1201/9781003220824, 1st Edition, eBook ISBN: 9781003220824

15. Paper Published duringtheyearbythefacultymembers(during01.04.2022-31.03.2023).

Prof. Rana Pratap Singh

i) Swati Sachdev, Kuldeep Bauddh, **Rana Pratap Singh (2023).** Prospective of biosurfactant in management of fusarium wilt and early blight of *Lycopersicon esculentum.* ***Plant Stress,*** 07, DOI: https://doi.org/10.1016/j.stress.2022.100126,

ii) Sonam Gupta, Pankaj Kumar Srivastava, **Rana Pratap Singh (2023).** Application of plant growth promoting microbes to enrich zinc in potato for nutritional security and sustainable agriculture. ***Rhizosphere,*** 25**[Impact Factor Thomson and Reuters: 3.49].**

iii) Kumar, Pradeep, Dipti, Kumar, Sunil and **Singh, Rana Pratap (2022).** Severe contamination of carcinogenic heavy metals and metalloid in agroecosystems and their associated health risk assessment. ***Environmental Pollution,*** **vol 301,** DOI: https://doi.org/10.1016//j.envpol.2022.118953. **[Impact Factor Thomson and Reuters: 8.071]**

iv) Maddhesiya, Singh, Kripal, Kumar, Devendra and **Singh, Rana Pratap(2022).** Enhancing productivity of perennial aromatic grasses on marginal lands through plant growth promoting rhizobacteria. ***Land Degradation & Development*****, Vol 33(15), pp: 2972-2982.** https://doi.org/10.1002/ldr.4244**[Impact Factor Thomson and Reuters: 4.34]**

v) Mishra, Roli and **Singh, Rana Pratap (2022).** Effect of species diversity levels and microbial consortium on biomass production, net economic gain and fertility of marginal land. ***Land Degradation & Development*****, Vol 33(15), pp: 2960-2971.** https://doi.org/10.1002/ldr.4195 **[Impact Factor Thomson and Reuters: 4.34]**

vi) Swati Sachdev, Kuldeep Bauddh, **Rana Pratap Singh (2022).** Native Rhizospheric Microbes Mediated Management of Biotic Stress and Growth Promotion of Tomato. ***Sustainability,*** **15 (1), pp: 593, DOI:** https://doi.org/10.3390/su15010593

Prof. S.K. Dwivedi

i) Singh, G., &**Dwivedi, S. K**. (2022). Biosorptive and Biodegradative Mechanistic Approach for the Decolorization of Congo red Dye by Aspergillus Species. *Bulletin of environmental contamination and toxicology*, *108*(3), 457-467.**(IF 2.151)**

ii) Kumar, V., **Dwivedi, S. K**., & Oh, S. (2022). A critical review on lead removal from industrial wastewater: Recent advances and future outlook. *Journal of Water Process Engineering*, *45*, 102518. **(IF 5.485)**

iii) Kumar, V., **Dwivedi, S. K**., & Oh, S. (2022). A review on microbial-integrated techniques as promising cleaner option for removal of chromium, cadmium and lead from industrial wastewater. *Journal of Water Process Engineering*, *47*, 102727. **(IF 7.34)**

iv) Singh Garima, Kumar Vinay and **Dwivedi S.K.** (2022). Comparative Investigation of Congo Red and Direct Blue-1 Adsorption on Mycosynthesized Iron Nanoparticle. J Cluster Science. 33:1889-1905 **(I.F 3.447)**

v) Tripathi, A.R &**Dwivedi, S.K.** (2023). Mycoparasitic Study of *Trichoderma rugulosum* Gmaxr2 against *Macrophominaphaseolina* Gmax20 Causing Charcoal rot in Soybean Crop. International Journal of Foof and Nutritional Sciences (UGC Care listed) volume 11,SIss page no. 3017-3027

vi) 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. Arch. 23, 607-615. DOI: https:// doi.org/10.51470/bca.2023.23.1.607, DocID: https://connectjournals.com/03896.2023.23.607 (Scopus Indexed)

vii) 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*, *53*, 103800. **(IF 7.34)**

viii) 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 (JASIT). 2 (1), 38-42.

ix) 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 COBID-19 pandemic lockdown. Physics and Chemistry of the Earth. 131 (2023) 103439 http:// doi.org/10.1016/z.pce.2023.103439 (**I.F 3.311**)

Prof. Naveen Kumar Arora

i) Arora, NK. & Mishra, I. 2023. Responsible consumption and production: a roadmap to sustainable development. Environmental Sustainability. DOI: 10.1007/s42398-023-00266-9.

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

iii) Arora, NK. & Mishra, I. 2022. Progress of sustainable development goal 7: clean and green energy for all as the biggest challenge to combat climate crisis. Environmental Sustainability. 5. DOI: 10.1007/s42398-022-00257-2.

iv) Arora, NK. & Mishra, I. 2022. Sustainable development goal 6: Global Water Security. Environmental Sustainability. 5. DOI: 10.1007/s42398-022-00246-5.

v) Verma, S., Verma, R., Fatima, T. & Arora, NK. 2022. Diazotrophic endophytic bacterium *Alcaligenes* sp. KA31 and its role in promoting the growth of wheat (*Triticum aestivum* L.) under saline conditions. International Journal of Ecology and Environmental Sciences. 48(5) DOI: 10.55863/ijees.2022.0585.

vi) Prakash, J., Egamberdieva, D. & Arora, NK. 2022. A Novel *Bacillus safensis*-Based Formulation along with Mycorrhiza Inoculation for Controlling *Alternaria alternate* and Simultaneously Improving Growth, Nutrient Uptake, and Steviol Glycosides in *Stevia rebaudiana* under Field Conditions. Plants. 11(14): 1857. DOI: 10.3390/plants11141857.

vii) Arora, NK. & Mishra, I. 2022. Current scenario and future directions for sustainable development goal 2: a roadmap to zero hunger. Environmental Sustainability. 1-5. DOI: 10.1007/s42398-022-00235-8.

viii) Mishra, J., Mishra, I. & Arora, NK. 2022. 2, 4-Diacetylphloroglucinol producing *Pseudomonas fluorescens* JM-1 for management of ear rot disease caused by *Fusarium moniliforme* in *Zea mays* L. 3 Biotech. 12:138. DOI: 10.1007/s13205-022-03201-7.

ix) Arora, NK. & Fatima, T. 2022. Role of plant growth promoting microbes in managing sustainability of stressed agroecosystems. Environmental Sustainability 5, 1–3. DOI: 10.1007/s42398-022-00222-z

x) Majhi, P., Kothari, R., Arora, NK., Pandey, V. &Tyagi, V. 2022. Impact of pH on Pollutional Parameters of Textile Industry Wastewater with Use of *Chlorella pyrenoidosa* at

Lab-Scale: A Green Approach. Bulletin of Environmental Contamination and Toxicology. 108. 1-6. DOI: 10.1007/s00128-021-03208-5.

Prof. Shikha

i) Shivangi Awasthi, Rajeeva Gaur and Shikha (2022) The sustainable eco-friendly approach to improve crop production through Azotobacter, Journal of Applied Science, Innovation & Technology, 1(2), 60-69. (ISSN online: 2583-505X).

ii) Deepa Kannaujiya and Shikha (2022) Removal of hexavalent chromium from wastewater using different biological processes with conventional approaches: A Review, A review, Journal of Applied Science, Innovation & Technology, 1(1), 15-20. (ISSN online: 2583-505X).

iii) Devesh Vishwakarma and Shikha (2022) Biopolymer based materials for sustainable water treatment: A review, Journal of Applied Science, Innovation & Technology, 1(1), 10-14. (ISSN online: 2583-505X).

iv) Shailja Singh, Shiv Shankar and Shikha (2022) Analysis of the chemical alterations induced in the polyethylene exposed to chemical surfactants, Indian Journal of Environmental Protection 42 (5) 581-584. (e-ISSN: 02543-7141) (Scopus indexed, UGC listed).

Dr.Nandkishor S More

i) Rajneesh Kumar Gautam, Akangbe Olubukola, **Nandkishor More**, Veeriah Jegatheesan, Shobha Muthukumaran, Dimuth Navaratna, Evaluation of long-term operational and treatment performance of a high-biomass submerged anaerobic membrane bioreactor treating abattoir wastewater. *Chemical Engineering,* 463, 142145, 2023 (online on 28th Feb.), **(IF-16.67)**

ii) Rajneesh Kumar Gautam, Robert Valente, Haitham Abbas, Anh Bui, **Nandkishor More**, Stephen Gray, Shobha Muthukumaran, Recovery of biomethane from a submerged anaerobic membrane bioreactor treating domestic wastewater blended with semi-solid organic wastes discharged from residential establishments, *Environmental Technology and Innovation*, 27, 106327, 2022**,(IF-7.78**)

Prof. Venkatesh Dutta

i) 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)

ii) Dubey, D., Kumar, S., & Dutta, V. (2022) In-situ anatomical and elemental response of aquatic macrophytes against nutrient enrichment in freshwater tropical lakes, **Applied Water Science**, 12(7): 1 – 15 **(IF: 5.511)** (ISSN: 2190-5487)

iii) Kumar, S., Pratap, B., Dubey, D., & Dutta, V. (2022) Integration of Constructed Wetland Microcosms with Available Wastewater Treatment Technologies for the Polishing of Domestic Wastewater and Their Potential Reuses, **International Journal of Environmental Research**, 16(6): 1- 9 **(IF: 3.229)**https://doi.org/10.1007/s41742-022-00485-8

iv) Kumar, S., Pratap, B., Dubey, D., Kumar, A., Shukla, S. & Dutta, V. (2022) Constructed wetlands for the removal of pharmaceuticals and personal care products (PPCPs) from wastewater: origin, impacts, treatment methods, and SWOT analysis, **Environmental Monitoring and Assessment**. 194(12): 1 – 16 **(IF: 3.307)** https://doi.org/10.1007/s10661-022-10540-8

v) Iqbal, K., Dutta, V., & Pathak, A. K. (2022). Assessment of fish diversity in relation to water quality in Ramganga River, India. **Indian Journal of Ecology**, 49(5), 1794-1799.

vi) Dutta, V. (2022) Ecohydrological Processes and Resilience: Securing Water for the Future in the Era of Climate Change", V. Raman Endowment Lecture, **Journal of Indian Water Works Association**, January-March 2022, 14–22. (ISSN 0970-275X)

vii) Shukla, D and Dutta, V. (2022) Indoor Air Quality Monitoring of Urban and Rural Households of a North Indian City During Cooking Hours, **Aerosol Science and Engineering**, 6(1): 86 – 98 **(IF: 1.400)** https://doi.org/10.1007/s41810-021-00126-1

Prof. Narendra Kumar

i) Suresh Kumar, Sushil Kumar Bharti and Narendra Kumar (2022) Diurnal and seasonal variation in morphology and elemental composition of particulate matter matters. Journal of the Geological Society of India (Accepted) **(IF-1.64)**

ii) Sushil Kumar Bharti and Narendra Kumar (2022) Characterization of minerals associated with atmospheric dust using FTIR in the city of Lucknow, Uttar Pradesh. Indian Journal of Geosciences. 76(3); 257-271.

Dr. Jiwan Singh

i) Verma, L., Singh, J., 2023. Arsenic adsorption from aqueous solution and groundwater using monometallic (Fe) and bimetallic (Fe/Mn) Tectona biochar synthesized from plant refuse: mechanism, isotherm and kinetic study. Environmental Engineering Research 2023;28(3): 220110 IF=3.932, doi: http://dx.doi.org/10.4491/eer.2022.110

ii) Rawat, S. Singh, J., 2023 Fenton like oxidative degradation of toxic water pollutants by iron nanoparticles synthesized via facile green route using waste iron rust as the iron precursor. Environmental Engineering Research 28(2): 210621 https://doi.org/10.4491/eer.2021.621. IF=3.932eISSN : 2005-968X

iii) Rawat, S. and Singh, J. 2022. Synthesis of nZnO from waste batteries by hydrometallurgical method for photocatalytic degradation of organic pollutants under visible light irradiation. Journal of Environmental Management 318 (15) 115518 IF=8.91. Elsevier

iv) Shukla, B. K., Rawat, S. Gautam, M. K., Bhandari, H., Garg, S., Singh, J., 2022. A sustainable approach for the synthesis of bismuth molybdate by continuous flow method using custom design reactor and their photocatalytic application for environmental remediation. Applied Nanosciences 12 (7) (published on 28/06/2022), 12, 2497–2509 (2022) IF 3.869, Electronic ISSN: 2190-5517

v) Shukla, B. K., Rawat, S. Gautam, M. K., Bhandari, H., Garg, S., Singh, J., 2022 Photocatalytic Degradation of Orange G Dye by Using Bismuth Molybdate: Photocatalysis Optimization and Modeling via Definitive Screening Designs. Molecules 2022, IF =4.927 (MPDI) 2022, 27(7), 2309; https://doi.org/10.3390/molecules27072309 ISSN: 1420-3049

vi) Bhan, C., Singh, J., Sharma, Y.C., Koduru, J.R., 2022. Synthesis of lanthanum modified clay soil–based adsorbent for the fluoride removal from an aqueous solution and groundwater through batch and column process: Mechanism, and kinetics. Environmental Earth Sciences (2022) 81:253 https://doi.org/10.1007/s12665-022-10377-x (IF=3.119). Springer.

vii) Shukla, B. K., Rawat, S. Gautam, M. K., Bhan, C., Bhandari, H., Garg, S., Singh, J. 2022. Statistical optimization of process conditions for photocatalytic degradation of phenol with bismuth molybdatephotocatalyst. Reaction Kinetics, Mechanisms and Catalysis (IF=1.843) https://doi.org/10.1007/s11144-022-02236-4. 135, 2175–2194 (2022), Electronic ISSN: 1878-5204

16. Participated/PaperPresentedinconferences/seminar/workshopinsidecountry

Prof. Venkatesh Dutta

i) Panelist, Conclave cum Sensitization Workshop on 'Making Water Sensitive Cities in Ganga Basin Aimed at Improving River Health/Flows', Centre for Science and Environment, March 15, 2023, India Habitat Centre, New Delhi

ii) Key-note speaker: 'Mainstreaming Groundwater Management into City's Master Plan: Meeting the Over-extraction, Recharge and Quality Challenges', September 6, 2022, Centre for Science and Environment, New Delhi

iii) Panelist, Seminar on Emerging Opportunities Towards Sustainable Beverage Packaging Solutions', TERI, The Energy and Resources Institute, July 26th, 2022, Lucknow

iv) Panelist and Session Moderator, From Groundwater Management to Groundwater Governance, Ground Water Week, Organized by WaterAid and Ground Water Action Group, Lucknow, July 18th, 2022, Lucknow

v) 'Climate Change and Flood Hazards', Faculty Development Programme, Impact of Climate Change on Natural Hazards, Organized by NIDM, New Delhi and Amity University, Lucknow, July 17th, 2022

vi) 'Role of STI in inclusive innovation', International Faculty Development Programme (FDP) on 'Applications of Numerical Optimization Techniques in Science & Technology' supported by European Commission under ERASMUS+ credit Mobility Program. 20–24 June 2022,

AMITY University, Lucknow Campus, Uttar Pradesh

vii) Only One Earth: Living Sustainably in Harmony with Nature', Key-note presentation, World Environment Day, State Headquarter, Indian Oil Corporation Ltd., Lucknow, June 5th, 2022

Dr.Nandkishor S More

i) **P**articipated in the online training on "Role of Emerging Technologies in Risk and Safety Management" from 01 Jun 2022 to 03 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with FICCI.

ii) Participated in the online training on "Industrial Safety and Disaster Management" from 14 Jun 2022 to 16 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with FICCI

iii) Participated in the webinar on "Lightweight Construction Technologies" on 05 Jul 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India

iv) Participated in the webinar on "Ocean Climate Change and Disaster Management " on 08 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Amity University Noida Delhi NCR.

v) participated in the online training on "Engaging Youth and Adolescence in Disaster Risk Management and Climate Change Adaptation" from 14 Jul 2022 to 16 Jul 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Madurai Kamaraj University.

vi) Participated in the online training on "Engaging Youth and Adolescents in Disaster Risk Management and Climate Change Adaptation" from 20 Jul 2022 to 22 Jul 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Andhra University.

vii) Participated in the online course on "Understanding Recurring Heatwaves Risk Impact and the Way Forward for Resilience" from 26 Jul 2022 to 28 Jul 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with IMPRI.

viii) Participated in the online training on "Implementing Rainwater Conservation Practitioners Perspectives on Rainwater Harvesting and Efficient Local Water Governance and Resilience" from 02 Aug 2022 to 04 Aug 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with IMPRI.

ix) Participated in the online training on "Child Centric Disaster Risk Reduction" from 24 Aug 2022 to 26 Aug 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Assam University (A Central University)

x) National IUBS Workshop on "Science of Pollution Tolerant and Climate Smart Plants", jointly organised by ISEB & CSIR-NBRI, (K.N. Block) Lucknow, during October 20-21, 2022.

17. Attended/participatedinconferences/seminar/workshopoutsidecountry

Prof. Naveen Kumar Arora

i) Delivered a talk on Environmental Sustainability at the National University of Uzbekistan, Tashkent, Uzbekistan., 12th October 2022

ii) Delivered a talk to students and research scholars of International Agriculture University, Tashkent, on importance of environmental sustainability and new biotechnology to achieve the targets of SDGs, 12th October 2022

iii) Interacted and delivered a talk to the students of The President School, Tashkent, Uzbekistan. The talk was to sensitize them about environment conservation and climate change and popularization of green technologies, 13th October 2022

iv) Delivered a talk to faculty of Fergana State University, Fergana, Uzbekistan regarding possibilities of Indo-Uzbekistan Co-operation in field of environmental and agricultural sustainability, 15th October 2022

Dr.Nandkishor S More

i) Participated and completed online the Joint ICTP-IAEA International School on the Physical Basis for Radionuclide Migration (Storage, disposal and contaminated sites) 07 - 11 November 2022 held at UNESCO- The Abdus Salam International Centre for Theoretical Physics, **Trieste, Italy.**

18. Consultancyworks,ifany

a. Paidconsultancywithamountreceived

Prof. Rana Pratap Singh

S. No.	Client / Organisation's name	Nature of Assignment	Duration of Assignment	Amount Received (in Rs.)
1.	Ruby International Traders, Noida, U.P	Development of technology for fast conversion of avocado waste into organic fertilizer.	One Year	Rs. 100000/-

Prof. Venkatesh Dutta

Integrated Watershed Management in Hardoi District	2022 – 2023 (consultancy)	2 lakhs	DCM Shriram Foundation

b. Freeconsultancywithdetailsofclient

19. DetailsofMOOC/onlinecoursesdevelopedbythefaculty

20. Detailsofinvitedlecturesinsidecountry

Prof. Rana Pratap Singh: 08

Prof. Naveen Kumar Arora

i) Keynote Address at National Seminar on Frontiers in Plant and Microbial Research (FPMR-2023) organized by Department of Botany and Microbiology, Acharya Nagarjuna University,

ii) Panelist Speaker at the Global BioAgri 2022, a premium event by BIPA - Bio Agri Inputs Producers Association on theme ―India – "The Global Gateway For Bio Ag Solutions" at Hyderabad, India, October 19 - 20, 2022

iii) Expert Speaker at 5-day interdisciplinary short term training program (STTP) under the DST-SERB Accelerated vigyan Scheme on ―Climate Change: Socio Economic Impacts and Resilience Building‖ at The Civil Engineering department at Visvesvaraya National Institute of Technology (VNIT), Nagpur, September 29, 2022

iv) Invited Lecture in National conference on Ecological Restoration and Biodiversity conservation at NBRI, Lucknow, September 18, 2022

v) Guest lecture on ―"Environmental Sustainability" in Orientation Program 2022-23 at Integral University, Lucknow, September 13, 2022

vi) Lead talk at 7th Asian PGPR Conference for Sustainability and Organic Agriculture at Loyola Academy (Autonomous), Secunderabad, Telagana State, India, September 5-6, 2022

vii) Delivered talk on the theme: "Only One Earth" as keynote speaker at 7th Foundation day Program of Clean and Green Environmental Society (CGES), July 16, 2022

viii) Invited talk on the topic ―"Only One Earth" in the online conference―"Living Sustainability in Harmony with Nature" organized by Amity University and National Institute of Disaster Management on World Environment Day, June 5, 2022

Prof. Narendra Kumar

i) Invited talk on Fluoride contamination in groundwater resources: Health impacts and removal technologies, Sustainable Environmental:Water-Health-Agriculture-Climate Nexus (SEWHACN-2022, Department of Environmental Science, Central University of Jammu, Jammu , Held on 15th – 16th September, 2022., National

Dr Nandkishor S More

i) **D**elivered one invited lecture as a resource person to the participants of Environment Studies & Sustainable Development (ID) online Refresher Course in Environment Studies on 21/09/2022 in the afternoon session organized byUGC- Human Resource Development Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.(M.S.) NAAC Reaccredited 'A'

Dr. Jiwan Singh

i) Delivered keynote talk on "Development of value added products from the waste biomass: An application for soil health improvement and water purification" in the Futuristic and Sustainable Aspects in Engineering and Technology, organized by Department of Civil Engineering, GLA

University, Mathura from 11th-13th November, 2022.

22. Detailsofinvitedlectureoutsidethecountry

Prof. Naveen Kumar Arora

i) Delivered a talk on Environmental Sustainability at the National University of Uzbekistan, Tashkent, Uzbekistan, 12th October 2022

ii) Delivered a talk to students and research scholars of International Agriculture University, Tashkent, on importance of environmental sustainability and new biotechnology to achieve the targets of SDGs, 12th October 2022

iii) Interacted and delivered a talk to the students of The President School, Tashkent, Uzbekistan. The talk was to sensitize them about environment conservation and climate change and popularization of green technologies, 13th October 2022

iv) Delivered a talk to faculty of Fergana State University, Fergana, Uzbekistan regarding possibilities of Indo-Uzbekistan Co-operation in field of environmental and agricultural sustainability, 15th October 2022

23. DetailsofNationalAwards/fellowship

Prof. Naveen Kumar Arora

i) Conferred "Rural Innovators Award" by Vigyan Bharti and Global Indian Scientists and Technocrats Forum (GIST) at GIST Meet and Young Scientists Research and Innovation Conference held at National Agricultural Science Complex, New Delhi. The award was regarding the development of an innovative technology which has been successfully transferred from lab to land and resulted in bioremediation/ reclamation of saline sodic land in several villages of UP.

ii) Awarded for the best innovative technology developed in laboratory for "Bioremediation of saline and degraded soils" in an event at IIT, Kanpur

iii) Research and Academic Excellence Award – 2023 in the discipline of Life Sciences by Babasaheb Bhimrao Ambedkar University, Lucknow.

iv) Listed among the "World Top 2% Scientists-2022". This list is published by Stanford University, USA in collaboration with Elsevier BV.

v) Scientific Recognition Award, Honorary Member by FloraFauna Science Foundation at FloraFauna Innovation Summit 2022

Prof. Venkatesh Dutta

i) Bhagirath Prayas Samman, India River Forum, 2022

ii) State Ground Water Award, Ground Water Department, Govt. of Uttar Pradesh, 2022

Prof. Narendra Kumar

i) Smt. Amrita Devi Vishnoi Medal, Zoological Society of India, Gaya, Bihar, India, 2022

ii) *Recognition award* for publishing research paper in High Impact Journal by B.B.A.U. Lucknow, B B A University, Lucknow, U.P. India, 2023

24. DetailsofResearchProjects(major and minor)

Prof. Naveen Kumar Arora

i) Science Technology and Innovation Hub in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh), DST, New Delhi, 4.088 crores, 2020-2024

ii) Novel biochar and rhizobacteria based bioinoculant for sustainable production of healthy food from stressed agro-ecosystems, DST, New Delhi, 13.48 lakhs, 2021-2024

iii) Development of a resilient microbial product to enhance rice yield in saline soils, BIRAC, 26.24 lakhs, 2022-2023

Prof. Venkatesh Dutta

i) 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

26. DetailsofPatentsfiled/awarded

Prof. Naveen Kumar Arora

i) Ref. No. E-12/604/2019/DEL; App. No. 201911035336 A ,A Process for preparing a vegan media forcultivation of Bacteria, Fungi and Plant seeding and composition thereof

Prof. Narendra Kumar

i. Anit Yadav, Dhananjay Kumar, Vertika Shukla, Sanjeev Kumar, Ritu Singh, Narendra Kumar. Development of Bio-adsorbent for fluoride removal (File No.202311007945).

27. Studentsachievements

- **Accomplishmentofthestudents.**
- **Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesissubmission/degreeawarded**
  - **Dissertation (Batch 2021-23)**

Sr. No.	Name of Students	Name of Supervisor (s)
1.	Vijeta Chaubey	Prof. Rana Pratap Singh
2.	Dhiraj Kumar	
3.	Riya Bhatt	Prof. S.K. Dwivedi
4.	Shivam Maurya	
5.	Parul	Prof. Naveen Kumar Arora
6	Hemant Kumar	
7.	Ipsita Behera	Prof. Shikha
8.	Siddarth Anand	
9.	Ashish Yadav	
10.	Palak Shukla	Prof. Venkatesh Dutta
11.	Narendra Kumar Rangara	
12.	Mangi Lal	Prof. Narendra Kumar
14.	Mohit Patel	
15.	Mohd Amir	Dr. N.K.S. More
16.	Pradeep Kumar	
17.	Tulika Dwivedi	Dr. Jiwan Singh
18	Santoshi	

I. **Completed in PG program (Batch 2020-22)**

Sr. no.	Name of Supervisor (s)	Completed M.Sc. Environmental Science (Batch 2020-22)
1	Prof. Rana Pratap Singh	**02**
2	Prof. S.K. Dwivedi	**02**
3	Prof. Naveen Kumar Arora	**02**
4	Prof. Shikha	**03**
5	Prof. Venkatesh Dutta	**03**
6	Prof. Narendra Kumar	**04**
7	Dr. N.K.S. More	**03**
8	Dr. Jiwan Singh	**04**

II. **Pursuing in Ph.D. Environmental Science programme**

Sr.No.	Name of the Students	Date of Registration	Supervisor (s)	Ph.D. Title
1	Pradeep Kumar	18/08/2015	Prof. Rana Pratap Singh	Studies on Role of Plant Growth Promoting Microbes (PGPR's) in bioremediation of heavy metals and organophosphate Pesticides

2	Divya Dubey	16/01/2017	Prof. Venkatesh Dutta	Trophic States of Freshwater Lakes and their Relationship with Algae and Macrophytes
3	Dipti	17/01/2017	Prof. Rana Pratap Singh	Studies on contamination of Pesticide residues and Heavy metals in agro-ecosystems in vicinity of Lucknow (India) and associated ecological and health hazards
4	Kashifa Iqbal (Submitted)	9/10/2017	Prof. Venkatesh Dutta	Variable flow regimes and their role in diversity of habitats and fish community structure in a tropical river
5	Ashvani Kumar Chaudhari	9/10/2017	Prof. S.K. Dwivedi	Green Synthesis of Nanoparticles from plants its application in plant pathogen management"
6	Pawan Kumar	10/10/2017	Prof. Rana Pratap Singh	Formulation of microbial inoculatants and its impact on uptake & assimilation of nitrogen in wheat (*Triticum aestivan* L.) and Maize (Zea*mays* L.) corresponding to communicational changes in consumers
7	Chandra Bhan	12/10/2017	Dr. Jiwan Singh	Synthesis of adsorbents from natural and waste materials and its application in removal of fluoride from an aqueous solution and ground water
8	Suresh Kumar	13/10/2017	Prof. S.K. Dwivedi	Assessment and chemical characterization of atmospheric particulate matter in Lucknow city, Uttar Pradesh, India
9	Priyanka	13/10/2017	Prof.S.K. Dwivedi	Remidiation of Heavy metals by selected multi-metal tolerant Fungi isolated from Tannery wastewater"
10	Bhanu Pratap	13/10/2017	Prof. Venkatesh Dutta	Impact of Wastewater Irrigation on Plant Growth and Biochemical Parameters of Selected Vegetable and Cereals Crop
11	Ajay Raj Tripathi	16/10/2017	Prof. S.K. Dwivedi	Management of *Macrophominaphaseolina* causing charcoal rot disease in soybean crop
12	Priya Mishra	10/8/2018	Prof. Naveen Kumar Arora	Salt-tolerant fluorescent Pseudomonads for the biofortification of wheat under saline condition
13	Nikita Kanaujia	13/08/2018	Dr. Jiwan Singh	Effect of pretreatment on lignocelllosic biomass for enhancing biogas production
14	Mahiya Kulsoom	16/08/2018	Prof. Narendra Kumar	Fluoride removal from groundwater by biosorption technology

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)
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
17	Ankita Bhattacharya	24/08/2018	Prof. Naveen Kumar Arora	Diversity of bacterial endophytes from *Brassicajuncea*and their plant growth promoting attributes under saline conditions
18	Sonam Gupta	31/08/2018	Prof. Rana Pratap Singh	Developing Microbial Biostimulants for Enhancing Productivity and Fortification of Iron and Zinc in Vegetables
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
20	Anit Kumar Yadav	5/8/2019	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
21	Monu Kumar	8/8/2019	Prof.Narendra Kumar	Distribustion of heavy metals and organic contaminants in the water and sediments of Kali river and their effects on aquatic life and human health
22	Devesh Vishwakarma	1/2/2021	Prof. Shikha	Biopolymer-based dye removal from colored textile wastewater
23	Kamlapat Raw	25/01/2021	Prof.Narendra Kumar	Application of biofuel crops for restoration of soil contaminated with industrial waste
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
25	Deepa Kannaujiya	25/01/2021	Prof. Shikha	Boiremediation of Cr(VI) contaminated water by microbes isolated from chromite contaminated sites
26	Pooja Adwani	20/02/2023	Dr Jiwan Singh	Ph.D course work
27	Renu Verma	Prof. Naveen Kumar Arora	Dr. Senthil Kumar Murugesan	Diversity of rhizobia associated with chickpea germplasm in relation to nodulation and nitrogen fixation

II. Ph. D Awarded during the year.

Sr. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1	Dr. More Nand Kishor Sonu (Date of Awarded: 31/05/2022)	Prof. Rana Pratap Singh	-	Carbon Dynamics of Different Soil Types in Peri-Urban Lucknow, India	N.A.
2	Dr. Pawan Kr. Maddhesiya (Date of Awarded: 21/07/2022)	Prof. Rana Pratap Singh	-	Aromatic grasses based engineered ecosystem for restoration of marginal lands and enhanced carbon sequestration	Non NET Fellowship
3	Dr. Roli Misra (Date of Awarded: 21/10/2022)	Prof. Rana Pratap Singh	-	Developing a novel crop system with microbial inoculants for high income and multiple ecosystem services	JRF/SRF
4	Dr. Garima Singh (Date of Awarded: 21/10/2022)	Prof. S.K. Dwivedi	-	Decolorization of Azo dyes contaminated water using Native Fungi from Carpet industry and fungal-synthesized nanoparticle	Non NET Fellowship
5	Dr. Pradeep Kumar Majhi (Date of Awarded: 24/08/2022)	Prof. Naveen Kumar Arora	Dr. Richa Kothari	Solar energy based hybrid system for the treatment of dye industry wastewater	JRF/SRF (NFSC)
6	Dr. Rifat Azam (Date of Awarded: 17/06/2022)	Prof. Naveen Kumar Arora	Dr. Richa Kothari, Central University of Jammu, Jammu	Assessment for Production of Algal Bio-Chemical Compounds using Wastewater and its Application for value-added Products	JRF/SRF (NFST)
7	Dr. Sushma Verma	Guid: Prof. Naveen Kumar Arora Co-Guide:	Prof. Rajesh Kumar, Department of Microbiology	Screening of endophytic diazotrophic bacteria in wheat under saline conditions from central regions of Uttar Pradesh	JRF/SRF (NF-OBC)
8	Dr. Saroj Kumar (Date of Awarded: 24/08/2022)	Prof. Venkatesh Dutta	-	Efficiency of Constructed Wetlands Microcosms (CWMs) for the Treatment of Domestic Wastewater using Aquatic Macrophytes with special reference to Nutrients Removal	JRF/SRF
9	Dr. Lata Verma (Date of Awarded: 24/08/2022)	Dr. Jiwan Singh	-	Synthesis and characterization of biochar from waste biomass: An application for the removal of Arsenic from contaminated water	Non NET Fellowship

- NumberofstudentcompletedtheirMasters/Graduation/Diploma : 23
- NumberofstudentselectedonOthergovernmentjobs/banking/schoolteachingetc : 02
- NumberofstudentawardedSLET/NET/JRF/anyotherfellowship : 01

29. DetailsofthePublicationsofthestudents(Books/Article/Books'chapter)

Ms. Anita

I. 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.

31. Googleprofileofthefacultymembers,if available.

Prof. Rana Pratap Singh		
Citations	6658	3477
h-index	42	29
i10-index	107	70

Prof. S.K. Dwivedi		
Citations	1447	971
h-index	23	16
i10-index	44	24

Prof. Naveen Kumar Arora		
Citations	7936	6855
h-index	52	46
i10-index	110	101
Prof. Shikha		
Citations	1236	889
h-index	17	14
i10-index	21	19

Prof. Venkatesh Dutta		
Citations	1075	929
h-index	17	15
i10-index	29	27

Prof. Narendra Kumar		
Citations	1308	930
h-index	17	16
i10-index	26	22

Dr. Jiwan Singh		
Citations	3440	2750
h-index	30	27
i10-index	61	57

भाषा एवं साहित्य विद्यापीठ

विद्यापीठ का संक्षिप्त विवरणः

विश्वविद्यालय के अंतर्गत स्थापित भाषा एवं साहित्य विद्यापीठ शिक्षा एवं समाज के क्षेत्र मेंमहत्त उद्देश्यों की पूर्ति करता है।इसके अधीन निम्नलिखित विभागों का संचालन प्रस्तावित है–अंग्रेजी, हिंदी, उर्दू एवंअन्य विदेशी भाषाएँ। विद्यापीठ का लक्ष्य भाषा एवंसाहित्य के शिक्षण के माध्यम से अध्येताओंमें ज्ञान एवंसंवेदना का विकास एव ंविस्तार करना है।उच्चतर शिक्षा को केंद्र में रखते हुए विद्यापीठ की संकल्पना का यह प्रधान ध्येय हैकिभाषाओं के शिक्षण में अंतर–अनुशासनिक शिक्षण को महत्व दिया जाय एवं उनकी प्रकृति को समावेशी बनाया जाय। विद्यापीठ विभिन्न भाषाओं के साहित्य के बीच तुलनात्मक शिक्षण एवं शोध को बढ़ावा देता है। इनके साथ ही साथ विद्यापीठ भाषा एवं साहित्य के क्षेत्र में उच्च स्तरीय शोध को अवधारित, विकसित एवंपरिमार्जितकरताहै।भाषा एवं साहित्य विद्यापीठ परम्परागत अनुसंधान से भिन्न समाज एवं संस्कृति के अप्रकाशित, अनछुए पहलुओं पर अनुसन्धान कार्य को भी प्रोत्साहित करता है।वर्तमान मे ंविद्यापीठ के अंतर्गत हिंदी विभाग का संचालन हो रहा है। शीघ्र ही अन्य विभागों को स्थापित किये जाने की भी सम्भावना है।

वर्तमान में भाषा एवं साहित्य विद्यापीठ के अन्तर्गत केवल हिन्दी विभाग संचालित है।

1. हिन्दी विभाग

परिचय : 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 नितांतनया रूप दिया है, उसमे ंराष्ट्रीय संस्कृति एवं वैचारिकी को गहराई से समावेशित किया है तथा उसे वैश्विक रूप देने की भी कोशिश की है।विभाग हिन्दी पत्रकारिता में स्नातकोत्तर डिप्लोमा (एक वर्षीय, स्ववित्तपोषित) पाठ्यक्रम भी संचालित करता है जो छात्रों को मीडिया क्षेत्र में रोजगार के अवसर प्रदान करता है। विभाग में शोध पर पाठ्यक्रम भी संचालित हो रहे हैं।वर्तमान में विभाग केंद्रीय पुस्तकालय के पूर्ण तया वातानुकूलित द्वितीय तल पर स्थति है तथा छः स्थाई शिक्षक उसमें नियुक्त हैं।

1- Courses Offered

2. एम.ए. हिन्दी
3. पीएच.डी. हिन्दी

3- Facilities available in the Department:–

i.	Classroom	- 03
ii.	Smart Classroom	- 01
iii.	Departmental Library	- 00
iv.	Laboratory	- 00

* Department is sifted in Central Library floor 2 on December 2017. Before that it was situated at Professor Quarters (Type-A).

4. Details of Faculty:-

1 **प्रो. सर्वेश सिंह**
संकायाध्यक्ष एवं विभागाध्यक्ष
विशेषज्ञताः भक्तिकालीन कविता, आधुनिक कथा साहित्य, समकालीन कविता
शैक्षिक योग्यता :नेट., एम.फिल., पीएच.डी.

2. **डॉ. आर. पी. गंगवार**
आचार्य
विशेषज्ञता : मध्यकालीन हिन्दी काव्य, संत काव्य**;** विमर्श : दलित, संस्कृति**;** आलोचना**;** काव्य शास्त्र
शैक्षिक योग्यता : डी.लिट, डी.फिल, यू.जी.सी. नेटएम.ए., (हिन्दी, अंग्रेजी), एल.एल.बी.

3. **डॉ. बलजीतकुमारश्रीवास्तव**
सहायक आचार्य
विशेषज्ञता:लोकसाहित्य, प्रयोजन मूलक हिन्दी, पत्रकारिता
शैक्षिक योग्यता :नेट., पीएच.डी.

4. **डॉ. शिवशंकर यादव**
सहायक आचार्य
विशेषज्ञता :हिन्दीआलोचना, हिन्दीसाहित्य का इतिहास, हिन्दीपत्रकारिता
शैक्षिक योग्यता :नेट., पीएच.डी.

5. **डॉ. नमिताजैसल**
सहायक आचार्य
विशेषज्ञता:हिन्दी नाटक, कथा साहित्य
शैक्षिक योग्यता :नेट., पीएच.डी.

6. **डॉ. प्रीतिराय**
सहायक आचार्य
विशेषज्ञता:कथासाहित्य, तुलसीसाहित्य, हिन्दीकविता
शैक्षिक योग्यता :नेट., पीएच.डी.

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

1. विभाग द्वारा 04.08.2022 को अयोध्या शोध संस्थान एवं हिंदी विभाग के संयुक्त तत्त्वावधान में तुलसी जयंती का आयोजन किया गया।

6. Visitors of Department from inside the country:

1. प्रो. नवीनचन्द्र लोहानी, हिन्दी विभाग चौधरी चरण सिंह विश्वविद्यालय, मेरठ।
2. प्रो. हरिशंकर मिश्र, पूर्व आचार्य, हिन्दी विभाग लखनऊ विश्वविद्यालय, लखनऊ।

7. Members/Fellowship of professional/Academic bodies/editorial board:

1. प्रो.सर्वेश सिंह

(1) सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ
(2) अध्यक्ष, स्कूल बोर्ड, हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
(3) अध्यक्ष, बी.पी.जी.एस. एवंडी.आर.सी. हिन्दी विभाग, बी.बी.ए.यू., लखनऊ
(4) सदस्य, उदय प्रताप कालेज गर्वनिंग बाडी, वाराणसी
(5) सदस्य, डी.आर.सी., हिन्दी विभाग सी.सी.एस., वि.वि., मेरठ
(6) सदस्य, डी.आर.सी., पत्रकारिता विभाग सी.सी.एस., वि.वि., मेरठ
(7) सदस्य, NEP समिति, एच.बी., वि.वि., श्रीनगर उत्तराखण्ड
(8) सदस्य, डी.आर.सी., हिन्दी विभाग साँची वि.वि., म.प्र.
(9) सदस्य, डी.आर.सी., हिन्दी विभाग त्रिपुरा वि.वि., त्रिपुरा

2. प्रो. आर. पी. गंगवार

(1) सदस्य, स्कूलबोर्ड, बी.बी.ए.यू., लखनऊ
(2) सदस्य, बी.पी.जी.एस., हिन्दीविभाग, बी.बी.ए.यू., लखनऊ
(3) सदस्य, डी.आर.सी., हिन्दीविभाग, बी.बी.ए.यू., लखनऊ
(4) सदस्य,बोर्ड ऑफ स्टडीस., हिन्दी विभाग, कानपुर विश्वविद्यालय
(5) सदस्य, पीएच.डी. परीक्षक, श्री सत्य साँई मेडिकल एण्ड टेक्नोलॉजी सांइसेस विश्वविद्यालय, सेहोर, मध्य प्रदेश

3. डॉ. बलजीत कुमार श्रीवास्तव

(1) सदस्य, हिंदी सलाहकार समिति, सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय, (गृह मंत्रालय), भारत सरकार
(2) प्रचारमंत्री भारतीय हिन्दी परिषद् प्रयाग
(3) संपादक, शोध समीक्षा पीयररिव्यूड एण्ड रेफ्रीड रिसर्च जर्नल
(4) विषय विशेषज्ञ उ0 प्र0 भाषा संस्थान, लखनऊ एवं हिन्दुस्तानी एकेडमी, प्रयागराज
(5) सदस्य, सलाहकार समिति विश्वविद्यालय, अतिथि गृह, बी.बी.ए.यू.
(6) सदस्य, आजादी का अमृतमहोत्सव, बी.बी.ए.यू.
(7) सदस्य, जी20, समिति, बी.बी.ए.यू.
(8) समन्वयक, डिबेटिंग क्लब, बी.बी.ए.यू.
(9) सहायक कुलानुशासक, बी.बी.ए.यू.

4. डॉ. शिवशंकर यादव

(1) सदस्य, बोर्ड ऑफ स्टडीज़, ख्वाजा मोईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ
(2) समन्वयक, आई.क्यू.ए.सी. हिन्दी विभाग, बी.बी.ए.यू.
(3) आजीवन सदस्य, भारतीय हिन्दीपरिषद, प्रयाग
(4) सदस्य, अन्य पिछड़ा वर्ग प्रकोष्ठ, बी.बी.ए.यू., लखनऊ
(5) सदस्य, स्कूलबोर्ड, भाषा एवंसाहित्य विद्यापीठ, बी.बी.ए.यू.

(6) सदस्य, NIRF, हिन्दीविभाग, बी.बी.ए.यू.
(7) समन्वयक, युवान मंच, हिन्दीविभाग, बी.बी.ए.यू.
(8) सदस्य, प्लेसमेंट सेल, हिन्दीविभाग, बी.बी.ए.यू.

5. डॉ. नमिताजैसल

(1) सदस्य, बी.पी.जी.एस., हिन्दीविभाग, बी.बी.ए.यू., लखनऊ
(2) सदस्य, डी.आर.सी., हिन्दीविभाग, बी.बी.ए.यू., लखनऊ
(3) सह–संयोजक, साहित्यिकसमिति, बी.बी.ए.यू., लखनऊ
(4) सदस्य–रिसेप्शनसमिति, नैक 2023, बी.बी.ए.यू., लखनऊ

6. डॉ. प्रीतिराय

(अ) सदस्य, बी.पी.जी.एस., हिन्दीविभाग, बी.बी.ए.यू., लखनऊ

12. Details of Books written/edited by faculty members:

1. प्रो. सर्वेश सिंह

1. रामचरित मानस बनाम ग्राम चरित मानस, वाणी प्रकाशन दिल्ली, ISBN- 978-93-5775-034-9 वर्ष 2023

2. प्रो. आर. पी. गंगवार

13. Details of Book Chapter in edited volume:

1. **Prof. Ram Pal Gangwar**

1. स्वतंत्रता का पुनर्मूल्यांकनः जाति और लैंगिक विभेद के संदर्भ में डॉ. शारदा द्विवेदी, प्रकाशक कविता मित्तल अनु बुक्स इंटरनेशनल पब्लिशर एंड डिस्ट्रीब्यूटर मेरठ, प्रकाशन २०२३, आई एस बी एन 978–93–90879–86–1
2. हिंदी भाषा के विस्तार में स्वाधीनता आंदोलन की भूमिका, स्वाधीनता आंदोलनः विविध संदर्भ, संपादक डॉ. शारदा द्विवेदी, प्रकाशक कविता मित्तल अनु बुक्स इंटरनेशनल पब्लिशर एंड डिस्ट्रीब्यूटर मेरठ, प्रकाशन २०२३, आई एस बी एन 978–93–90879–86–1
3- Ashwathama aur yuyut sake bahane, Dharaveer Bharti ka natya gaurav andhayug, sampadak Dr. Kamlesh Singh, raka prakashan, prayagraj first edition 2022 ISBN- 978-93-90964-34-5.

2. **डॉ. बलजीत कुमार श्रीवास्तव**

1. तुलसी के काव्य में समरसता सामाजिक समरसता और हिन्दी संत साहित्य अदम्य जिजिविषा एवंसाहस के प्रेरक डा. निशंक P-247. 256 डा. निशंक की रचनाशीलता के विविध ISBN 978.93.80.84.5.51.7 अनंगप्रकाशननईदिल्ली, 2022
2. संवेदनशील कल्पना और सपनों को साकार करने में संकल्पशील डा. निशंक P-285–290 डा. निशंक का साहित्य सृजनःमनन एवंमूल्यांकन ISBN978.93.80.84.5.24.1 अनंग प्रकाशन नई दिल्ली, 2022
3. स्वाधीनता आन्दोलन और हिन्दी गद्यP-82.85, भारत के स्वाधीनता आन्दोलन में साहित्य की भूमिका ISBN 978.93.95128.02.5 अखिल भारतीय साहित्य परिषद न्यास नई दिल्ली 2022
4. 'हरिऔध' बजरिये कन्हैया सिंह P-82.85, श्यामल घट अमृतकलस ISBN978.81.950.245.1.3 प्रमथ्यु प्रकाशन प्रयागराज, 2022
5. बरवै–भूषण एवं मानस–मेरू की सृजनात्मकविशिष्टताP-90.93, मंजलवीणास्मृतिग्रंथ, ISBN978.93.55.258.0 निखिलपब्लिशर्स एण्ड डिस्ट्रीब्यूटरआगरा 2022
6. तुलसी काव्य में समरसता P-155.163, सामाजिक समरसता और संत साहित्य, ISBN978.81.95.11.92.4.0, डॉ. बी.आर. अम्बेडकर सामाजिक विज्ञान विश्वविद्यालय महो मध्य प्रदेश, 2022

3. डॉ. नमिताजैसल

1. 'वीमा' नाटकव्यापक दृष्टिP-118.121, रत्न कुमार सांभारिया के नाटक अपनी–अपनीदृष्टि,, ISBN978.93.90915.12.5 श्रीनटराज प्रकाशन, दिल्ली, प्रथमसंस्कारण 2023

14. Paper Published during the year by the faculty members:

1. प्रो. सर्वेश सिंह

1. एकात्मदृष्टा, संकल्य, ISSN- 2277–9264 अप्रैल–दिसम्बर 2022।

2. प्रो. आर. पी. गंगवार

i. Bihari Satasayi ki Naariyon ka swaataantry Bodh aur Premaakankshaa ,swadheenatakeamritmahotsavkesandarbhmein, Hindustani Academy TraimaasikShodhevam Srijan Patriaka,ISSN-NO-0378-391X , ankapril-june, 2023.
ii. Bihari Satasayi ka Secular Mijaj : Ek Adhyayn , Sammelan Patrika (shodhtraimasik) bhag 108 snakhya 01, January-March 2023, Hindi sahitya sammelanprayag, ISSN- 2278-1773 ugc care listed.
iii. Saket yugeenChetna : Ek Adhyayn National Journal of Arts, Commerce & Science Research Review ISSN: 2394-4870 Refreed Peer Reviewed, 2021 Impact Factor 6.0877

3. डॉ. बलजीतकुमारश्रीवास्तव

1. अपने समय के सजग कवि रघुवीर सहाय P-46–49 शोध समीक्षा, रिसर्च एण्ड एजूकेशनल सोसाइटी, लखनऊ। SSN-2249–1597 पीयर रिव्यूड वर्ष 13, अंक–1, अप्रैल 2022

2. समकालीन कविता के विविध आयाम P-70–74 शोध समीक्षा, रिसर्च एण्ड एजूकेशनल सोसाइटी, लखनऊ। SSN-2249–1597पीयररिव्यूडवर्ष 13, अंक–1, अप्रैल 2022
3. साहित्य का प्रदेय :मानव जीवन के विशेष संदर्भ में साहित्य परिक्रमा, अखिल भारतीय साहित्य परिषद न्यास। SSN-2455–7239 वर्ष 23, अंक–2, अक्टूबर–दिसम्बर 2022
4. स्वतंत्रता आंदोलन में हिन्दी गद्य लेखकों का प्रदेय हिन्दी अनुशीलन ,भारतीय हिन्दी परिषद, इलाहाबादISSN- 2249-930X वर्ष–64, अंक–3 जुलाई से सितम्बर 2022 P-64–68
5. भारतीय स्वाधीनता संग्राम और आधुनिक हिन्दी कवियों का देय, शोध धारा, ISSN- 0975-3664 दिसम्बर 2022
6. फिजी का गौरव हिन्दी, गवेषणा, ISSN- 0435-1460 अक्टूबर–दिसम्बर 2022
7. सेज पर संस्कृत : परंपरा बनाम आधुनिकता बोध, शोध धारा, ISSN- 0975-3664 मार्च 2023
8. फिजी का सिरताज हिन्दी गग्नांचल भारतीय सांस्कृतिक संबंध परिषद, नई दिल्ली वर्ष–46, अंक–1–2, जनवरी से अप्रैल 2023 P-147–151
9. वैश्विकपरिदृष्य मेंहिन्दीप्रवासीजगतकेन्द्रीय हिन्दीसंस्थान, आगरा खंड–6 अंक–2 जनवरी से मार्च 2023, P-82–93

3. डॉ. शिवशंकर यादव

(1) स्वातंत्र्योत्तर हिंदी कवितामें सामाजिक और राजनीतिक यथार्थ की अभिव्यक्ति, शोध पुंजISSN- 2229–7871जनवरी–जून 2023 पृ0 7–10 ।

4. डॉ. नमिताजैसल

1. 'वीमा' नाटक की समीक्षा, शोध–ऋतु, रत्न कुमार सांभारियाई–विशेषांक ISSN- 2454–6283 मई 2022 पृ0 127–28
2. परिवर्तित होते मूल्यों का नव स्वरूप रत्न कुमार सांभारिया की कहानी 'फुलवा' : एक अध्ययन शोध–ऋतु, रत्न कुमार सांभारियाई–विशेषांक ISSN- 2454–6283 मई 2022 पृ0 129–131

5. डॉ. प्रीतिराय

1. असाध्य वीणा का मौन स्वर, आम्नायिकी, ISSN- 2277-4270 अप्रैलजून. 2022, पृ0 178–180

15. Attended/participated in Conferences/seminar/webinar/ workshop inside Country:

1. Prof. Ram Pal Gangwar

i. Delivered a lecture in Tulsi Jayanti samaroh in BBAU, Lucknow on 04-08-2022.
ii. Delivered a lecture on Hindi Diwas 14 September 2022 in BBAU, Lucknow
iii. Chaired a technical session in the national seminar on libraries as cultural heritage institutions (NSLCHI-2023) jointly organized by special libraries association, Asia Community, SPL Uttar Pradesh, and Department of Library & Information science, BBAU, Lucknow held in 28th 2023 at Ambedkar School of Social Sciences, BBAU.
iv. Delivered invited talk in the libraries as cultural heritage institutions (NSLCHI-2023) jointly organized by special libraries association, Asia Community, SPL Uttar Pradesh, and Department of Library & Information science, BBAU, Lucknow held in 28th 2023 at Ambedkar School of Social Sciences, BBAU.
v. Delivered a lecture on concept of social justice and Ambekar's view in one day national seminar the concept of social justice and its contemporary dimensions organized by Babasaheb Bhimrao Ambedkar University, Lucknow held on 10th January 2023.

2. डॉ. बलजीत कुमार श्रीवास्तव

1. विशिष्ट वक्तव्य–रेणु के कहानियोंमेंग्राम्य जीवन के वास्तविक फलकफणीश्वरनाथरेणुऔरउनकासाहित्य हिन्दी विभागसिद्धार्थविश्वविद्यालय एवं उ. प्र. हिन्दीसंस्थान 23–24 अप्रैल 2022
2. हिन्दी पत्रकारिता एवं स्वतंत्रता आन्दोलन हिन्दी पत्रकारिता एवं जनजागरण हिन्दी विभाग बुद्ध विद्यापीठ महाविद्यालय, सिद्धार्थनगर एवं उ0प्र0 हिन्दी संस्थान, लखनऊ 26–27 जुलाई 2022
3. विशिष्ट वक्तव्य– स्वाधीनता आन्दोलन एव हिन्दी गद्यस्वतंत्रता आन्दोलन और हिन्दी साहित्य हिन्दी विभाग नेशलन पी.जी. कालेज एवं उ0प्र0 हिन्दीसंस्थान, लखनऊ 5–6 नवम्बर 2022
4. विशिष्ट वक्तव्य–हिन्दी साहित्य में एकात्म मानववाद राष्ट्रीय अखण्डता के संदर्भमें एकात्म मानववाद (भारतीय साहित्य का परिप्रेक्ष्य) दीनदयल शोध पीठ रज्ज ूभईया विश्वविद्यालय प्रयागराज एवं भारतीय हिन्दी परिषद 11 दिसम्बर 2022
5. मुख्य वक्तव्य–हिन्दी साहित्य में राष्ट्रीय चेतना भारतीय साहित्य में राष्ट्रीय चेतना हिन्दीभाषा एवं साहित्य सम्मेलन समिति, देहरादून उत्तराखण्ड एवं उ0प्र0 भाषा संस्थान 7–8 अगस्त 2022
6. मुख्य वक्तव्य–स्वतंत्रता के 75 वर्ष का साहित्यिक अवदान स्वतंत्रता के 75 वर्ष का साहित्यिक, सामाजिक एवं आर्थिक परिदृश्य विश्व हिन्दी मंच, संस्कार भारती, वृंदावन एवं उ0प्र0 हिन्दी संस्थान, लखनऊ 8–9 अक्टूबर 2022

7. व्याख्यान– डा. रमेश पोखरियाल के गद्य साहित्य में मानवीर संवेदना डा. रमेश पोखरियाल का साहित्य सृजन हिमालय विरासत ट्रस्ट देहरादून, परमार्थ निकेतन ऋषिकेश हरिद्वार 17–18 अक्टूबर 2022
8. मुख्य वक्तव्य–साहित्य और राष्ट्रवाद विश्व की महाशक्ति बनता भारत एस.बी.के. राजकीय पी.जी. कालेज जैसलमेर एवं उ0प्र0 भाषा संस्थान 7–8 नवम्बर 2022
9. विशिष्ट वक्तव्य–हिन्दी तथा दक्षिण भारत की भाषाएं एवं साहित्य, कवयित्री बहिडणा बाई उत्तर महाराष्ट्र विश्वविद्यालय, जलगांव, महराष्ट्र, 19–20 मार्च 2023

21. Details of National Awards/fellowship:

1- प्रो. सर्वेश सिंह–प्रलेक स्टोरी बुक ऑफ द ईयर अवार्ड 2023
2– परिषद गौरव सम्मान–अखिल भारतीय साहित्य परिषद अवध प्रांत 2023

26. Students achievements:

- Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesis submission/degree awarded. 04 (Ph.D)
- Number of student completed their masters/graduation/Diploma. 31
- Details of students selected for teaching in higher education. 01
  (क) सुश्री सरिता यादव–उत्तर प्रदेश उच्चतर शिक्षा सेवा आयोग, सहायक आचार्य
- Number of student pursuing higher studies. 04
- Number of student awarded SLET/NET/JRF/any other fellowship 02

27. Google profile of the faculty members, if available

1. प्रो. सर्वेश सिह http://scholar.google.com/citations?user=U2OMDggAAAAJ&hl=hi

School of Information Science & Technology

The School of Information Science & Technology comprises the following Departments.

- Computer Science
- Information Technology
- Library & Information Science

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 send to various govt. funding agencies for approval.

2 Course Offered:

i. MCA
ii. M. Tech. (Computer Science)
iii. Ph.D.

3 Facilities available in the department:

iv. Departmental Library
v. Computer Lab
vi. Lecture Hall

vii. Smart Class

4 Details of Faculty:

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 Engineeringand Computer Networking
Qualifications: M.Sc. (Applied Mathematics), MCA, MBA, M. Phil (Computer Appls), Ph.D.(I.I.TRoorkee)

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)

Dr. Shalini Chandra
Specialization: Software Engineering, Software Security, Internet of Things, Fog Computing
Qualifications: MCA, NET, Ph.D. (I.T), PDF

viii. 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. Details of Seminar/Conference organized by the department:

i. Workshop on Data Optimization and Security under International Conference on Data Analytics and Computing (ICDAC) Wenzhou- Kean University, China on May 27, 2022 Babasaheb Bhimrao Ambedkar University, Lucknow. (Worked as Organizer & Convener)

6. Other departmental level Academic Activities:

Dr. Shalini Chandra

a) Involved in interaction /counselling, Presentation/Discussion with PG and Ph.D student in the University
b) Coordinator of Remedial Classes, DCS
c) Coordinator of Quiz Competition, DCS
d) Co-Convenor of One day seminar on the theme, "The Concept of Social Justice and its Contemporary Dimensions" on University Day, 10th January 2023.
e) Co-convener of Two Days National Seminar on "Rehabilitation of people with disabilities early identification and interventions", 24th-25th March 2023.

7. Co-curricular / Extra-curricular/sportsActivity by the department:

i. Dr. Shalini Chandra

a) Coordinator of Poster Competition on "One Earth One Family, One Future", 22 December 2022
b) Coordinator of Rangoli Competition on "The Concept of Social Justice and its Contemporary Dimensions" on University Day, 10th January 2023.
c) Coordinator of Rangoli Competition on "RastraNirmanke 75 Sopan and Dr.Ambedkar", 13th April 2023.
d) Coordinator of Remedial Classes, DCS
e) Coordinator of Quiz Competition, DCS
f) Member of Organizing Committee "ShikharParv", 5th September 2022.
g) Coordinator of celebrating "Birth Anniversary of SavitribaiPhule", 03 january 2023.
h) Organizing Member of celebrating "ParakramDiwas" on 23rd January 2023.
i) Organizing Member of celebrating "SantRavidasJayanti" 5thFebrauary 2023.
j) Member of Reception Printing Committee during celebration of "AmbedkarJayanti" 13-14 April 2023.
k) Member of Transportation committee during celebration of "AmbedkarJayanti" 13-14 April 2023.

ii. Dr. Babita Pandey

i. Co-ordinator: Fine arts club
ii. Co-ordinator: Alumni Meet
iii. Co-ordinator: Cultural Committee
iv. Conducted Poster Competition: Azadi ka Amrit Mohatsav
v. Rapporteur of Technical Session: National Seminar on the theme "Inclusiveness of the Differently Abled Women: Challenge and Opportunities in India"
vi. Seed Money: An auto-encoder based model for Diagnosis of neuromuscular disorders
vii. Conducted Painting competition: Fine arts club
viii. Conducted Alumni Meet: DCS
ix. Conducted Cultural Event: DCS

vi. **Members/fellowshipofprofessional/academicbodies/editorialboard:**

a. Prof.Vipin Saxena

i.	Indian Science Congress	- LifeMember (L13762)
ii.	H.S. Shrivastava Foundation of Science and Society	- LifeMember (PHSFS-LS9)
iii.	International Association of	- Senior Life Member (80341530)
iv.	Computer Science and Information Technology	
v.	International Association of Engineers	- Life Member (113182)

vii. **Dr. Shalini Chandra**

i. Member of NGO, SPARC work for Physically Handicapped Persons.
ii. Member of BBA University Alumni Association.
iii. Session chaired, 3rd Lucknow Science Congress 2015, 31stOctober to 2nd November 2015, Organized by Department of Computer Science, BBAU,Lucknow.
iv. Coordinator of Poster Competition on 'One Earth One Family, One Future' (22 December 2022) DCS, BBA University.
v. Coordinator of 'To Celebrate BIRTH ANNIVERSARY Of SAVITRIBAI PHULE' (03 January, 2023) SES Conference Hall, BBAU, Lucknow.
vi. Co-Convener of One Day Seminar On The Theme 'The Concept of Social Justice And Its Contemporary Dimensions' (10 January, 2023) BBAU, Lucknow.
vii. Organizer of "PARAKRAM DIWAS" To Commemorate NetajiSubhash Chandra Bose jayanti (23rd January, 2023) SEES Conference Hall, BBAU, Lucknow.
viii. Co-Convener of Two Day National Seminar On 'Rehabilitation of People With Disabilities: Early Identification And In terventions' (24th March To 25th March, 2023) Department Of Empowerment of Persons With Disabilitys Government Of Uttar Pradesh.

viii. **Dr. Karm Veer Singh**

i. Coordinator of Department of Computer Engineering (UIET)
ii. Coordinator CBCS
iii. Member of BUGS
iv. Member of Administrative Reform Committee
v. Member of Data Upload committee for AQAR,SAR and Documents on NAAC Portal
vi. Member of Admission Committee

8. <u>Details of Book Chapter in edited volume/conference volume:</u>

i) **Prof. Vipin Saxena**

i. Pawan Kumar and Vipin Saxena, Secure Transmission of Information through Hybrid Cryptographical Techniques, 5th International Conference on Recent Trends in Science and Technologyorganized by Maa Shakumbari Trust (MST), Greater Noida, Uttar Pradesh, India ,4-5 March(2023)(Presented and Full Paper in the Proceedings);
ii. Karm Veer Singh, Banshidhar Choudhary and Vipin Saxena,Blockchain Implementation for Faster Accessing of Database of Banking Industry,International Conference on Recent Trends in Science and Technology,MaaShakumbari Trust (MST), Greater Noida, Uttar Pradesh, India ,4-5 March(2023)(Presented and Full Paper in the Proceedings);
iii. Snehlata, R., Dileep Kumar and Vipin Saxena, Evaluating People's Awareness of New Indian Currency Security Features, International Conference on Recent Trends in Science and Technology,MaaShakumbari Trust (MST), Greater Noida, Uttar Pradesh, India ,4-5 March(2023)(Presented and Full Paper in the Proceedings);

ii) **Prof. Shishir Kumar**

i. M. Nijhawan, N/ Sindhwani, S. Tanwar, and Shishir Kumar,(2023). Role of Augmented Reality and Internet of Things in Education Sector. In: Sindhwani, N., Anand, R., Niranjanamurthy, M., Chander Verma, D., Valentina, E.B. (eds) IoT Based Smart Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-031-04524-0_14, Published online on 01 October 2022, Print ISBN 978-3-031-04523-3, Online ISBN 978-3-031-04524-0
ii. Anju Shukla, Shishir Kumar,andVarun Shulka, "Role of Virtualization in secure network", International Conference on Cryptology & Network Security with Machine Learning, ICCNSML - Hybrid Mode, 27 – 29 October, 2023

iii) **Dr. Deepa Raj**

a) Diwakar,DeepaRaj,"Comparative study of CNN based multi-disease detection models through X-ray images on October 22 in international conference on Information and Communication Technology for intelligent systems(ICTIS-2022) in Springer nature lecture series

iv) **Dr.Narander Kumar**

a) Ankita Srivastava, Narander. Kumar (Corresponding Author), "Virtual Machine Allocation Using Genetic Based Algorithm in Cloud Infrastructure" Published as a chapter in, Proceedings of the 2nd International Conference on Computational Electronics for Wireless Communications (ICCWC-2022), Organized byNational Institute of Technology, Surathkal, Karnataka, India, Conference date: 09-10th June 2022, Published by Springer Lecture Notes in Networks and Systems (LNNS, volume 554) Series, pp-273–282, Published Date: 28 January 2023,ISBN 978-981-19-6660-6, 978-981-19-6660-6(eBook), DOI: https://doi.org/10.1007/978-981-19-6661-3_24(Scopus Indexed)
b) Narander Kumar, Jitendra Kumar Samriya, "Blockchain-Based Efficient Resource Allocation and Minimum Energy Utilization in Cloud Computing Using SMO", Published as Book chapterinBlockchain for 6G-Enabled Network-Based Applications: A Vision, Architectural Elements, and Future Directions, (1st ed.). CRC Press, Boca Raton, FL, London,PP: 129-158, Date

of Publication: 04 August 2022, ISBN:9781003264392, DOI: https://doi.org/10.1201/9781003264392

c) Surendra Kumar, Narander Kumar (Corresponding Author), "Key Generation: Encryption and Decryption Using Triangular Cubical Approach for Blockchain in the 6G Network and Cloud Environment", Published as Book chapter inBlockchain for 6G-Enabled Network-Based Applications: A Vision, Architectural Elements, and Future Directions, (1st ed.). CRC Press,CRC Press, Boca Raton, FL, London,PP: 107-128, Date of Publication: 04 August 2022, ISBN:9781003264392, DOI: https://doi.org/10.1201/9781003264392

v) **Dr. Shalini Chandra**

a) Defending ARP Spoofing-based MitM Attack using Machine Learning and Device Profiling, "International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)2022".

b) Use of Public Libraries in Social Justice, "One day national seminar on The concept of Social Justice and its contemporary dimensions., 10th January 2023, BBA University, Lucknow."

9. <u>Paper published during the year by the faculty members (during01.04.2022-31.03.2023)</u>

vi) **Prof.Vipin Saxena**

a) Snehlata and Vipin Saxena,A Reliable Technique for Currency Recognition using Neural Network, IET Image Processing, (ISSN: 1751-9667), Communicated for Publication, (2022), ESCI;

b) Jaydip Kumar and Vipin Saxena, Cloud Data Security through BB84 Protocol and Genetic Algorithm, Baghdad Science Journal(ISSN:2078-8665), Vol. 19(6), 1445-53, (2022), SCOPUS;

c) Banshidhar Choudhary and Vipin Saxena, Cluster Analysis for Cloud Data through K-Means Technique, Neuroquantology(ISSN:1303-5150), Vol. 20(16),725-737, doi:10.14704/NQ.2022.20.16. NQ88073, (2022)SCOPUS;

d) Pawan Kumar and Vipin Saxena,Fuzzy Rule Based Enhancement of Pattern Lock Security System, Neuroquantology(ISSN:1303-5150), Vol. 20(16), 1651-1661, doi: 10.48047/NQ.2022.20.16.NQ880164, (2022), SCOPUS;

e) Banshidhar Choudhary andVipin Saxena, K-Means Clustering of Cloud Data using Weka and R Language, International Journal of Computer Application(ISSN: 0975-8887), Vol.184(49), 33-39, (2023),doi:10.5120/ijca2023922613;

f) Vipin Saxena, Karm Veer Singh and Banshidhar Choudhary,FuzzyElgamal Technique for Securing Data Over Cloud,International Journal of Computer Application(ISSN: 0975-8887),Vol.184(51), 38-44, (2023), doi:10.5120/ijca2023922642;

g) Pawan Kumar and Vipin Saxena, Secure Transaction of Indian Currency through Biometric Technique, International Journal of Computer Applications(ISSN. 0975-8887), Vol. 184(50), 22-26, doi: 10.5120/ijca2023922621, (2023);

h) Pawan Kumar and Vipin Saxena, Karm Veer Singh, Analysis of Hybrid Cryptography for Secure Exchange of Information, International Journal of Computer Applications(ISSN. 0975-8887),Vol.185(4), 37-42 , doi: 10.5120/ijca2023922701, (2023);

i) Pawan Kumar and Vipin Saxena, Hybrid Cryptography for Security Exchange through AES and Paillier,European Chemical Bulletin(ISSN. 2063-5346), Vol. 12(10), 3913-3921, doi:10.48047/ecb/2023.12.10.273, (2023) SCOPUS.

j) Sugandha Singh and Vipin Saxena, Interpolation Method for Identification of Brain Tumor from Magnetic Resonance Images, International Journal of Engineering and Manufacturing(ISSN:2306-5982),Vol.13(2),40-51, 2023. doi:10.5815/ijem.2023.02.05(2023);

k) Sugandha Singh and Vipin Saxena, A Comparative Study of Segmentation Techniques for Identification of Brain Tumor from Magnetic Resonance Images, BioGecko(ISSN: 2230-5807), Vol. 12(2),1800-1812, 2023. doi: http://biogecko.co.nz/.2023.v12.i02.pp1800-1812(2023)UGC Journal/Web of Science

l) Jaydip Kumar and Vipin Saxena, Fuzzy Authentication System for Online Transaction Fraud detection Using GEO Location, The Ciência and Engenharia-Science and Engineering

Journal(ISSN. 0103-944X), Vol. 11(1), 1396-1406, https://doi.org/10.52783/cienceng.v11i1.292, (2023) UGC Journal;

vii) **Prof. Shishir Kumar**

a) Anju Shukla, Mohammad Zubair Khan and Shishir Kumar, "Interpretive Structural Modeling Based Assessment and Optimization of Cloud with Internet of Things (CloudIoT) Issues Through Effective Scheduling" Intelligent Automation & Soft Computing Vol. 36 issue 2, pp 2281-2297, 2023, (SCIE Indexed)

b) Anurag Tiwari, Nilesh Patel and Shishir Kumar, "Analysis of co-located mixed reality human-robot interaction using multimodal heading and pointing gestures", ANNALS OF FOREST RESEARCH, Vol. 65 issue 1, pp 6857-6872 (SCIE Indexed)

viii) **Dr. Deepa Raj**

a) Anshu Gupta,Deepa raj. "Machine learning based footprint identification", published in Journal of Tianjin University , Science and technology , ISSN:0493 -2137,Dec 2022.

ix) **Dr. Babita Pandey**

a) A comprehensive survey of deep learning in the field of medical imaging and medical natural language processing: Challenges and research directions, Babita Pandey, Devendra Kumar Pandey, Brijendra Pratap Mishra, WasiurRhmann, 2022/9/1, Journal of King Saud University-Computer and Information Sciences

b) Screening of elite germplasms for industrially valuable medicinal crop Stevia rebaudiana for stevioside and rebaudioside A production: An HPTLC-linked chemotaxonomic assessment, Shah Nawaz, Prabhjot Kaur, MerinaswariKonjengbam, Vijay Kumar, RC Gupta, Padmanabh Dwivedi, Babita Patni, Babita Pandey, Abhijit Dey, Devendra Kumar Pandey, 2022/11/1,South African Journal of Botany

c) A novel hybrid dimension reduction and deep learning-based classification for neuromuscular disorder, Babita Pandey, Devendra Kumar Pandey, Aditya Khamparia, Seema Shukla, 2022/12, Advances in Computational Intelligence

d) An intelligent IoMT enabled feature extraction method for early detection of knee arthritis, Aditya Khamparia, Babita Pandey, Fadi Al-Turjman, Prajoy Podder, 2023/5, Expert Systems

e) Optimization of microwave-assisted extraction of plumbagin from Plumbago zeylanica by response surface methodology and adaptive neuro-fuzzy inference system modelling, Kajal Katoch, Romaan Nazir, Aditya Khamparia, Babita Pandey, Abhijit Dey, Devendra Kumar Pandey, 2023/11/1, Industrial Crops and Products

x) **Dr. Manoj Kumar**

f) 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 14.02 (2023): 2341027.

g) Ruchi Agarwal, Ankita Vaish, and Manoj Kumar. "Odd-even discrimination-based reversible data hiding technique in encrypted images." Journal of Electronic Imaging 32.1 (2023): 013032.

h) BanalaRevanth, Sanjay K. Dwivedi, and Manoj Kumar. "A Framework For Single Image Dehazing Using DWT Based Cross Bilateral Filter Fusion of Generative and ASM Models." In 2022 2nd International Conference on Innovative Sustainable Computational Technologies (CISCT), pp. 1-6. IEEE, 2022.

i) Ruchi Agarwal, and Manoj Kumar. "IWT based Reversible Data Hiding in Encrypted Domain using location map." 2022 2nd International Conference on Innovative Sustainable Computational Technologies (CISCT). IEEE, 2022.

j) AnkitaVaish, Ruchi Agarwal, and Manoj Kumar. "An Improved Reversible Data Hiding Technique For Encrypted Images Using Difference Error Expansion." In International Conference on Artificial Intelligence and Sustainable Engineering: Select Proceedings of AISE 2020, Volume 1, pp. 43-58. Singapore: Springer Nature Singapore, 2022.

k) DilipKumar, and Manoj Kumar. "Attribute-Based Data Sharing in Smart Healthcare

Environment." In 2021 4th International Conference on Recent Trends in Computer Science and Technology (ICRTCST), pp. 150-157. IEEE, 2022.

l) Dilip Kumar, and Manoj Kumar. "A Partial Outsourcing Decryption of Attribute-Based Encryption for Internet of Things." In Proceedings of Academia-Industry Consortium for Data Science: AICDS 2020, pp. 271-281. Singapore: Springer Nature Singapore, 2022.

m) Amit Verma, Ruchi Agarwal, and Manoj Kumar. "Linear derivative-based approach for data classification." In Proceedings of Academia-Industry Consortium for Data Science: AICDS 2020, pp. 283-296. Singapore: Springer Nature Singapore, 2022.

n) Sara Ahmed, Ruchi Agarwal, and Manoj Kumar. "Discrete wavelet transform-based reversible data hiding in encrypted images." In Proceedings of Academia-Industry Consortium for Data Science: AICDS 2020, pp. 255-269. Singapore: Springer Nature Singapore, 2022.

xi) **Dr.Narander Kumar**

a) A. Srivastava, Narander Kumar (Corresponding Author), "Queueing Model based Dynamic Scalability for Containerized Cloud", Published in International Journal of Advanced Computer Science and Applications (IJACSA), Volume 14, Issue 1 PP: 465-472, 2023, Published byThe Science and Information (SAI) Organization Limited. Registered in England and Wales, ISSN:2158-107X, E-ISSN: 2156-5570, DOI:http://doi.org/10.14569/IJACSA.2023.0140150(Scopus Indexed)

b) A. Srivastava, Narander Kumar (Corresponding Author), "Multi-Objective Binary Whale Optimization-Based Virtual Machine Allocation in Cloud Environments", Published in International Journal of Swarm Intelligence Research (IJSIR), Volume 14, Issue 1 PP: 1-23, 01 January 2023,PublishedbyIGI Global,ISSN:1947-9263, E-ISSN: 1947-9271, DOI:http://doi.org/10.4018/IJSIR.317111(Scopus Indexed)

c) A. Srivastava, Narander Kumar (Corresponding Author), "An energy efficient robust resource provisioning based on improved PSO-ANN", Published in International Journal of Information Technology (Springer Journal), Volume 15, PP: 107–117, Year/Date of Publication: January 2023,Published by© 2023 Springer Nature Switzerland.ISSN:2511-2104, E-ISSN:2511-2112, DOI: https://doi.org/10.1007/s41870-022-01148-9(Scopus Indexed)

d) Archana, Narander Kumar (Corresponding Author), "PerformanceEvaluation of Various VM Migration based Nature-inspired Mechanisms in Cloud Environment", Published in INFOCOMP Journal of Computer Science, Volume: 21, No. 2 PP: 1-9, Year/Date of Publication: 19 December 2022, ISSN:1807-4545 (print), e-ISSN: 1982-3363 (online), https://infocomp.dcc.ufla.br/index.php/infocomp/index(Scopus Indexed)

xii) **Dr. Shalini Chandra**

a) Machine Learning to Combact Cyber Atttack: A Survey of Datasets and Challenges", The Journal of DefenseModeling and Simulation: Application, Methodology and Technology, Sage Publication, ISSN: 1557-380X, E-SCI, Scopus.

b) FogBus3: A scalable and reliable framework for integrated IoT and fog computing scenario", Transactions on Emerging Telecommunications Technologies, Wiley, ISSN: 2161-3915, SCI-E Scopus [Impact Factor:3.310].

c) RepuTE: A soft voting ensemble learning framework for reputation based attack detection in Fog-IoT milieu", Engineering Application of Artificial Intelligence, Elsevier, ISSN: 0952-1976, SCI-E Scopus [Impact Factor:7.802].

d) BotDefender: A Collaborative Defense Framework Against Botnet Attacks using Network Traffic Analysis and Machine Learning, Springer, ISSN:2191-4281, SCI-E Scopus [Impact Factor: 2.8].

xiii) **Dr. Karm Veer Singh**

a) Jaydip Kumar, Karm Veer Singh, and Vipin Saxena, Fuzzy Authentication System for Online Transaction Fraud detection Using GEO Location, The Ciência and Engenharia-Science and Engineering Journal(ISSN. 0103-944X), Vol. 11(1), 1396-1406, https://doi.org/10.52783/cienceng.v11i1.292, (2023) UGC Journal;

b) Vipin Saxena, Karm Veer Singh, and Banshidhar Choudhary, Fuzzy Elgamal Technique for Securing Data Over Cloud, International Journal of Computer Applications (ISSN: 0975-

8887),Vol.184(51), 38-44, (2023), doi:10.5120/ijca2023922642;

c) Pawan Kumar, Vipin Saxena, and Karm Veer Singh, Analysis of Hybrid Cryptography for Secure Exchange of Information, International Journal of Computer Applications(ISSN. 0975-8887),Vol.185(4), 37-42 , doi: 10.5120/ijca2023922701, (2023);

10. Attended/Participatedinconference/seminar/ workshop inside country:-

i) **Prof.Vipin Saxena**

a) Lucknow Climate Change Conference on Control of Green House Gasses at the Source by Physical and Chemical Technologies-2k22, Organised by Babasaheb Bhimrao Ambedkar University, Lucknow from April 22-24, 2022 (National);

b) National Seminar on Integrated Approach in Research and Development for a Sustainable Future, Organized by IMRF Institute of Higher education and Research, Vijayawada, Andhra Pradesh, India on May 14, 2022 (National);

c) International Conference on Emerging Trends in Engineering, Science, Technology and Business, Jointly Organized by Echelon Institute of Technology, Faridabad and ARSEAM Foundation, Bareilly, Uttar Pradesh from 10-11 May,2023 (International).

ii) **Dr.Narander Kumar**

a) Archana, Narander. Kumar (Corresponding Author), "A Meta heuristics SMO-SA hybrid approach for resource provisioning in cloud computing framework" Presented and Published as a chapter in, Proceedings of the International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2022), Organized byDepartment of EEEJCT College of Engineering and TechnologyCoimbatore, India, Conference date: 11-12th August 2022, Published bySpringerEngineering Cyber-Physical Systems and Critical InfrastructuresSeries, Vol.-03, pp-563–576, Published Date: 04 February 2023,ISBN 978-3-031-18496-3, 978-3-031-18497-0 (eBook), https://doi.org/10.1007/978-3-031-18497-0_42(Scopus Indexed)

iii) **Dr. Karm Veer Singh**

a) Karm Veer Singh, BanshidharChoudhary, and VipinSaxena,Blockchain Implementation for Faster Accessing of Database of Banking Industry,International Conference on Recent Trends in Science and Technology,MaaShakumbari Trust (MST), Greater Noida, Uttar Pradesh, India ,4-5 March(2023)(Presented and Full Paper in the Proceedings);

11. Details of invited lecture inside the country:-

i) **Prof.Vipin Saxena**

Delivered two invited lectures on "Secure Access of Folders and Files from Cloud Servers" and "Identification of Brain Tumor Through Various Numerical Methods" Organized by Academic Staff College, University of Lucknow Lucknow from 10-12 Noon and 2-5 P.M. on 10th January 2023, respectively.

iii. Dr. Shalini Chandra

Delivered Guest Lecture on Research Methodology, 29thMarch,Shri, Ram Swaroop Memorial Group of Professional Colleges

12. Detailsofinvitedlectureoutsidethecountry:-

i. Dr. Manoj Kumar

a) "Geospatial Technologies: Machine learning techniques in SAR Imaging" in NGP-DST Summer school, 23rdMay -12thJune 2022, at IIIT Allahabad, 2022.

b) "A Mathematical Introduction of Basic Machine Learning Techniques"inFaculty Development Programe on Statistical and Computational Methods for Decision Making at Department of Mathematics, Jaypee Institute of Information Technology, Noida, 17th-22thJuly 2023.

Detailsof NationalAward/fellowship:-

Prof.Vipin Saxena

Received **NATIONAL DISTIGUISHED PROFESSOR AWARD 2022** on 14thMay, 2022 awarded by IMRF Institute of Higher Education & Research, Vijayawada, Andhra Pradesh, India for Contributions to Nation in the field of Computer Science.

13. DetailsofResearchProjects(major/minor):

i. Dr. Narander Kumar

S.No.	Title of the Project	Sponsoring Agency	Amount of the Project	Duration of the Project	Whether you are the Principal Investigator (Yes / No)	Status as on date (Completed or ongoing)	Year
1.	Development of Tool/Architecture for inclusive development of Hearing Impaired	Council of Science and Technology	2560000	02 Years	Co-investigator	Proposal Submitted	2023

14. Detailsofpatentsfilled/awarded

i. Dr. Shalini Chandra

Patent Granted on "A System and Method for Demeanor Based Trust Measurement and Job Placement in Fog Computing Milieu", 11 May 2022.

15. Studentsachievements:AccomplishmentsofStudents

16. NumberofstudentscompletedtheirMasters/graduation/Diploma	MCA	88
	M. Tech (Computer Science)	11
Number student pursuinghigher ofstudies	03	
Numberofgo studentselectedonotherjobs vernmenttea /banking/school chingetc	Govt.job	03
	TeachinginHigherEducation	04
	Teaching	08
	Job	10
Number ofStudentsi placed through campus nterview	05	
Number of student awardedSLET/NET/JRF/anyotherfellowship	03	

Ph.DAwardedduringtheyear:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
a)	Neetish Kumar	Dr. Deepa Raj		Analyzing & Designing a Framework of Video Editing	UGC fellowship
b)	Bably Dolly	Dr. Deepa Raj		A study of content based image retrieval system	UGC fellowship
c)	Sachin Sahu	Prof. Sanjay Kumar Dwivedi		Systematic Study & Analysis of impact of E-governance Implementations in the State of Uttar Pradesh through a case studies of SPST & IGRS portals	UGC fellowship
Ph.Dthesissubmitteddduringtheyear					
a)	Mr.Jaydip Kumar	Prof.Vipin Saxena		Enhancing Cloud Based Data Security Through Trusted Security Techniques	NFSC, UGC fellowship
b)	Dilip Kumar	Dr. Manoj		Cryptography Based Data Security in Internet of Things	UGC

		Kumar			fellowship
c)	Ruchi Agarwal	Dr. Manoj Kumar		SECURING ENCRYPTED IMAGES THROUGH REVERSIBLE DATA HIDING	UGC fellowship
d)	Ankita Srivastava	Dr. Narander Kumar		Analysis and Design of Efficacious Resource Management Mechanisms for Cloud Computing Environment	UGC fellowship
e)	Richa Verma	Dr. shalini Chandra		Design and Devlopment of Trust-based Mechanisms for Securing Fog-IoT Environment	NFOBC fellowship
Ph. Dstudent'sPursuing					
a)	Mr.Banshidhar Choudhary	Prof.Vipin Saxena	-	Analysis and Design of Data Mining Application for Banking Industry	UGCJRF
b)	Mr.Pawan Kumar	Prof.Vipin Saxena	-	Analysis and Design of Effective Hybrid Cryptographical Techniques	CSIR JRF
c)	Versha Verma	Prof.Vipin Saxena	-	Yet to be decided	UGC Fellowship
d)	Mridula Dwivedi	Prof.Vipin Saxena	Dr. Babita Pandey	Yet to be decided	UGC Fellowship
e)	Deepika Gautam	Prof.Vipin Saxena	-	Design and Analysis of Effective Security Techniques for Cloud Database	NFSC, UGC fellowship
f)	Sugandha Singh	Prof.Vipin Saxena	-	Design and Analysis of Effective Techniques for Identification of Brain Tumar in Human Magnetic Resonance Images	UGC Fellowship
g)	Hemant Kumar	Prof.Vipin Saxena	-	Yet to be decided	UGC JRF Fellowship
h)	Sameeksha Tripathi	Prof. S.K. Dwivedi		Yet to be decided	UGC Fellowship
i)	Shailendra Kumar	Prof. S.K. Dwivedi		Yet to be decided	UGC Fellowship
j)	Diksha Shukla	Prof. S.K. Dwivedi		Intensity Based Emotion Detection of Product Reviews Using Deep Learning	UGC Fellowship
k)	Amit Asthana	Prof. S.K. Dwivedi		Improving Retrieval Effectivencess in Hindi-English Cross Lingual Information Retrieval Using Query Reformulation	UGC Fellowship
l)	Deena Nath	Prof. S.K. Dwivedi		Aspect-Based Sentiment Analysis	UGC Fellowship
m)	Avinash Kumar	Prof. Shishir Kumar		Yet to be decided	UGC Fellowship
n)	Anshu Gupta	Dr. Deepa Raj		Multimodal Biometric Authentication System Using Human Footprints	UGC Fellowship
o)	Diwakar	Dr. Deepa Raj		Designing a Framework of Multi-Disease Detection and Prediction	NFOBC Fellowship

p)	Anita Kumari	Dr. Deepa Raj		Yet to be decided	UGC Fellowship
q)	Supriya Singh	Dr. Deepa Raj		Yet to be decided	UGC Fellowship
r)	Saminullah Ahmadzai	Dr. Babita Pandey	Dr. Manoj Kumar	Yet to be decided	
s)	Ulas Khan	Dr. Babita Pandey	Dr. Manoj Kumar	Yet to be decided	
t)	Banala Revanth	Dr. Manoj Kumar	Prof. S.K Dwivedi	Restoration of Hazy Images Using Machine Learning	UGC Fellowship
u)	Sangeeta Gautam	Dr. Manoj Kumar		Secret Communication Through Coverless Information Hiding	NFSC Fellowship
v)	Archana	Dr. Narander Kumar		An Efficient Resource Allocation Mechanisms Framework for Cloud Environment	UGC JRF Fellowship
w)	Priyanka Kaushal	Dr. Narander Kumar		Yet to be decided	UGC Fellowship
x)	Anand Gautam	Dr. Narander Kumar		Yet to be decided	UGC Fellowship
y)	Gaurav Singh	Dr. Narander Kumar	Prof Shishir Kumar	Yet to be decided	UGC Fellowship
z)	Arvind Prasad	Dr. shalini Chandra		Security Enhancement by Combatting Cyberattacks using Machine Learning Techniques	NFSC Fellowship

21. Googleprofileofthefacultymembers:

Sl.No	NAME OF FACULTY	CITATION	H-INDEX	I10- INDEX
1.	**Prof. Shishir Kumar**	1325	19	43
2.	**Prof. S. K. Dwivedi**	1001	13	31
3.	**Prof. Vipin Saxena**	686	13	22
4.	**Dr. Deepa Raj**	69	04	-
5.	**Dr. Babita Pandey**	1649	21	34
6.	**Dr. Manoj Kumar**	907	15	20
7.	**Dr.Narander Kumar**	293	09	09
8.	**Dr. Shalini Chandra**	117	10	10
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 oriented programmes 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 than500Library 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:

- **i.** An understanding and appreciation of vital and pervasive role of Information as an essential tool in all development activities;
- **ii.** An understanding of the application of Information Technology in the handling of information in the libraries and information centres;
- **iii.** Full comprehension of the global nature of information for proper co-operation, co-ordination among the countries;
- **iv.** 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.

2. Courses Offered : -

i. BLISc. (Bachelor in Library & Information Science)
ii. MLISc. (Master in Library & Information Science)
iii. Ph.D. in Library & Information Science.

3. Facilities available in the Department like departmental Library, Moot Court etc. : -

i. Smart Class rooms
ii. Departmental Library
iii. Departmental Laboratory

4. Details of the Faculty

i. Prof. K. L. Mahawar

a. Professor & Head
b. **Specialization:**Academic Library and Information System, User Services/Needs, Information Sources, System and Programme
c. **Qualifications:**MLISc, CIC, Ph. D.(Library & Information Science)
d. **Email:**mahawar_67@yahoo.co.in, mahawar67@gmail.com

ii. Prof. M. P. Singh

a. **Specialization:**Management of Libraries and Information Centers, Information Technology, User Studies
b. **Qualifications:**MLISc, Ph.D.(LIS), M.Com,M.Sc.(IT), M.B.A.
c. **Email:**mpsinghdlis@gmail.com

iii. Prof. Shilpi Verma

a. **Specialization:**Management of Libraries, IT Applications in Libraries, Information Retrieval, User Education, Academic Libraries,Special Libraries
b. **Qualifications:**PG, Ph.D, PGDM P G Diploma in Marketing & Sales Management.
c. **Email:**shipoo_lko@rediffmail.com; shipoo.lko@gmail.com

iv. Prof. S. K. Sonkar

a. **Specialization:**IT application to Library and Information services, Digital Libraries, Library Automation**Qualifications:**Ph.D.(LIS), PGDCA, MLISc, BSc..
b. **Email:**sksonker@yahoo.co.in

v. Dr. Vinit Kumar

a. Specialization: Web technology Applications, Text and Data Mining, Research Methods Information Retrieval
b. Qualifications: B.Sc, MLISc, Ph.D.(LIS)
c. Email: vinitbhu06@gmail.com

vi. Dr.Somipam R. Shimray

a. Specialization: Research Methods, Cultural Informatics, Knowledge Management, Information Seeking & Research Ethics
b. Qualifications: B.Sc,PGDCA, PGDLAN MLISc, Ph.D
c. Email: srshimray@yahoo.com

vii. Dr. Nitesh Kumar Verma

a. **Specialization:**Website Usability Analysis, Webometrics, Website Content Analysis, Use of Open-Source Software's in the Library, Digital Library.
b. **Qualifications:**B.Com (Hons.), MLISc, UGC-NET, Ph.D.
c. **Email:**vermanite@gmail.com

5. Details of the Seminar/Conference/Webinar Organized by the Department :-

i. Prof. K. L. Mahawarorganized One Day National **Seminar on the theme "The Concept of Social Justice and its Contemporary Dimensions"** on January 10, 2023supported by Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow at Atal Bihari Vajpayee Auditorium, Babasaheb Bhimrao Ambedkar University, Lucknow.
ii. Prof. Shilpi Verma organized **National Seminar on the theme "Inclusiveness of the Differently Abled Women: Challenge and Opportunities in India"** on December 30-31, 2022, Supported by National Commission for Women (NCW), New Delhi Committee of Basic Facilities for Women, Gender, Champions Committee, AKAM & at Babasaheb Bhimrao Ambedkar University(A Central University), Lucknow.
iii. Prof. Shilpi Verma organized two days **National Seminar on the National Seminar on the theme "Rehabilitation of People with Disabilities: Early Identification and Interventions"** March 24th to 25th 2023, Sponsored by Department of Empowerment of Persons with Disabilities, Government of Uttar Pradesh, Organised at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.

6. Members/Fellowship of Professional/Academic Bodies/ Editorial Board:

i. Prof. K. L. Mahawar:-

a) Indian Library Association (ILA);
b) Indian Association of Special Libraries and Information Centres (IASLIC);
c) Indian Association of Teachers of Library and Information Science (IATLIS)

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 -Member

iii. Prof. Shilpi Verma:-

a) Life Member of Samagra Vikas Welfare Society (SVWS), Lucknow
b) Life Member of GESA, New Delhi
c) Life Member of Society for Conservation of Wild Life, Lucknow

d) Life Member of Blue Planet Society, Lucknow
e) Member OBL cell and OBC Advisory committee of the University
f) Life Member of PHSS Foundation, Lucknow
g) Life Member of ILA, IATLIS, IASLIC
h) Member of the Planning Board of University in 2022 Letter no. 336 ESST/BBAU/2022
i) Member of Board of Management till Oct 2022
j) Member of committee for Maintenance and Construction work of university since 2022
k) Chairman for the Anti Ragging Squad since 2022
l) Member of University Level Purchase Committee for 2 years since 2022 Letter no. 817/STR/BBAU/2022
m) Member of Committee to scrutinize the proposal of HCL Technologies Letter no. 847/BBAU/22
n) Chairperson of Extracurricular Activity Clubs of University since December 2022 Letter no. 1491/BBAU/22
o) Chairperson, Azadi Ka Amrit Mahotsav Committee, since 2021
p) Chairperson, G20 committee since 2022
q) University Coordinator, Universal Human Values (UHV), Student Induction Programme (SIP)
r) Chairperson, Gender Champions Committee since 2018
s) Chairperson, Committee of Basic Facilities for Women since 2018
t) Dy Proctor of the University Since 2019
u) Chairman/Member of BPGS, DRC and School Board of Information Science and Technology (SIST), Academic Council
v) Member Secretary of IQAC steering committee since 2019
w) Member of IQAC since 2022
x) Co-cordinator MPDC Cell
y) Member Secretary Unnat Bharat Abhiyan
z) Convener & Member EK Bharat Shresta Bharat
aa) BPGS Member of DLIS,BHU, Varanasi
bb) BPGS Member of M. G. Central University, Motihari, Bihar
cc) BPGS Member of Chatrapati Shahu ji Maharaj University, Kanpur

iv. Prof. S. K. Sonkar:-

a) Member , Board of Post Graduate Studies (BPGS), BBAU,Lucknow
b) Member , Board of Post Graduate Studies (BPGS), UPRTOU,Lucknow
c) Member, School Board, School for Science and Information Technology, BBAU,Lucknow
d) Life time membership of ILA
e) Life time membership of IATLIS
f) Life time membership of IASLIC.

v. Dr. Vinit Kumar:-

a) Life time member of Indian Association of Special Libraries and Information Centres (IASLIC),Kolkata.
b) Life time member of Indian Association of Teachers in Library and Information Science (IATLIS), Patiala.

vi. Dr.Somopam R. Shimray:-

a) VINE Journal of Information and Knowledge Management Systems, Emerald
b) Scientometrics, Springer
c) DESIDOC Journal of Library & Information Technology
d) Journal of Hospitality and Tourism Management, Elsevier

vii. Dr. Nitesh Kumar Verma:-

a) Indian Library Association (ILA) – Lifetime
b) Indian Association of Teachers of Library and Information Science (IATLIS) – Lifetime

7. 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.

ii) Prof. S. K. Sonkar:-

a) Transformative technologies for libraries.NewDelhi:Ess Ess Publication, 2022, pp. 1-443

Edited Books:

a) Libraries and open science : Issues, challenges and opportunities. New Delhi: Ess Ess Publication, 2022 ,1-429.

b) Management of Modern Libraries in New Normal. Gajiyabad: Corvette Press..,2022,pp.1-471.

8. Details of Book Chapters in edited volume/conference volume.

i. Prof. M. P. Singh:-

a) **Singh, M. P.,**& Bharti, V. K. (2022). Mapping the Progress in COVID-19 Vaccine Research: A Bibliometric Analysis of Publications Indexed in Scopus Database in the Proceedings of 16th International Conference on Webometrics, Informetrics and Scientometrics. 21st COLLNET organized by COLLNET held during November 10-12, 2022 in Chulalongkorn, Bangkok, Thailand. (ISBN: 978-81-932517-7-5)

b) Kushawaha, P.P., Sonkar S.K. &**Singh, M. P.** (2022). Mapping of Global Scientific Research and Trends in Crypto Currency: A Scientometrics Study in the Proceedings of 16th International Conference on Webometrics, Informetrics and Scientometrics. 21st COLLNET organized by COLLNET held during November 10-12, 2022 in Chulalongkorn, Bangkok, Thailand. (ISBN: 978-81-932517-7-5)

c) Singh, G., &**Singh, M. P.** (2022). Understanding Altmetrics: An overview and Assessment in the Proceedings of 16th International Conference on Webometrics, Informetrics and Scientometrics. 21st COLLNET organized by COLLNET held during November 10-12, 2022 in Chulalongkorn, Bangkok, Thailand. (ISBN: 978-81-932517-7-5)

d) **Singh, M. P.,** Vidyarthi, A., Kirad, K., & Arya, I. (2022). Green Internet of Things (G-IoT): Future Prospects in Modern Libraries in the Proceedings of 4th International Conference on Infrastructure, Information and Innovation for Building New Bharat organized by DLA- SRFLIS held during November 10-12, 2022 in University of Delhi, Delhi, India. (ISBN: 979-93-91465-18-6)

a. **Singh, M.P.** (2022). Fighting against fake news: a survey of Central University Libraries in India. 87th IFLA World Library and Information Congress (WLIC). International Conference on "Inspire, Engage, Enable, Connect" organized by IFLA WLIC held during July 26-29 in Dublin, Ireland.

b. Dixit. S., &**Singh, M.P.** (2022). Initiative towards Green Library in National Institute of Technology Durgapur, West Bengal: A case study. Proceeding of the 10th International Library and Information Professional Summit (I-LIPS 2022) International Conference on "Resilience, Reflection and Innovation in Library Services and Practices" organized by Economic Growth and SLA-Asia Community held during May 20-22 in IEG, Delhi, India. (ISBN:978-81-952900-9-3)

c. Rai. S., &**Singh, M.P.** (2022). Faculty Perception towards research ethics and contribution of libraries: A study of National Institute of Biomedical Genomics (NIBMG), Kalyani, India. Proceeding of the 10th International Library and Information Professional Summit (I-LIPS 2022) International Conference on "Resilience, Reflection and Innovation in Library Services and Practices" organized by Economic Growth and SLA-Asia Community held during May 20-22 in IEG, Delhi, India. (ISBN:978-81-952900-9-3)

d. **Singh, M.P.**, & Rai. S. (2022). Research Perception towards Responsible Research Practices: A Study of Institute of Life Sciences, Odisha. Proceeding of the 10th International Library and Information Professional Summit (I-LIPS 2022) International Conference on "Resilience, Reflection and Innovation in Library Services and Practices" organized by Economic Growth and SLA-Asia Community held during May 20-22 in IEG, Delhi, India. (ISBN:978-81-952900-9-3)

e. **Singh, M.P.,** Vidyarthi, A. (2023). Ethical Dilemmas of Artificial Intelligence in Research: A Study. In Rejuvenate Libraries in the Modern Society: Festschrift Volume in Honour of Prof. V.T. Kamble (pp. Kalaburagi: Shree SiddalingeshwarPrakashan. ISBN: 978-81-963602-8-3

f. Sonkar, S.K., **Singh, M.P.,**Uttkarsh, Srivastava, P. (2023). Bibliometric Study on Artificial Intelligence During 2011-2020. In Rejuvenate Libraries in the Modern Society: Festschrift Volume in Honour of Prof. V.T. Kamble (pp. Kalaburagi: Shree SiddalingeshwarPrakashan. ISBN: 978-81-963602-8-3.

g. **Singh, M.P.** (2023). Responsiveness of Special Libraries in Hyflex Learning during Covid-19: A Survey of CSIR Institutional Libraries of Uttar Pradesh, India. 8th International Conference of Asian Special Libraries (ICoASL). International Conference on "Advancing Asian Special Libraries towards the Fifth Industrial Revolution" organized by Special Library Association (SLA) held during February 22-24 in Cebu City, Philippines.

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 Festscrift 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 Festscrift 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 FestscriftVolume) 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 Festscrift 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 Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938

f) Verma, Shilpi and **Patel, Shikha (2022).** Circulation System in Smart Libraries: An Overview. Smart Libraries and Information Management in Digital Environment Ed. By Neena Singh & Sewa Singh. New Delhi, B.R. Publishing Corporation, Vol. I, ISBN: 9789391123581

g) Geeta**, Verma, Shilpi** and Gangwar, Rashmi **(2022).** Use of Web resources by Research Scholars of Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow: An Evaluative Study. Transformation of knowledge in the Digital Age Environment through Library Ed. By D.D. Lal, Yogita Talwar and Manoj Kumar Sinha. Chhattisgarh, Orange Books Publications, ISBN: 9789392878985

iii) Prof. S. K. Sonkar:-

a. ***Sonkar, S.K. (2022)****. QR Code in Libraries: A Window to Online Services. In Singh, N. & Singh, S. (Ed.). Smart Libraries and Information Management in Digital Environment, Vol. I (Delhi). B.R. Publishing Corporation. ISBN: 9789391123581*

b. **Sonkar, S.K. &**Lata, N. (2022). *Transitions in libraries through emerging technologies. In K.N. Kandpal, G. Rathinasabapathy& K. Veeranjaneyulu (Ed.). Libraries; From Clay tablet to Fablet. Agri Biovet Press. ISBN: 978-93-93405-07-4*

c. Aslam, S. &**Sonkar, S.K.** (2022). *Open Access Scholarly Communication: An Overview. In Singh, M.P. & Sonkar, S.K. (Ed.). Management of Modern Libraries in New Normal: Memorial Volume in Loving Memory of Dr. Suchetan Kumar. Corvette Press. ISBN: 978-93-91385-10-1*

d. **Sonkar, S.K.** & Verma, A.K. (2022). *Authors' Rights and Licenses in Open Access Environment: An Overview. In Singh, M.P. & Sonkar, S.K. (Ed.). Management of Modern Libraries in New Normal: Memorial Volume in Loving Memory of Dr. Suchetan Kumar. Corvette Press. ISBN: 978-93-91385-10-1*

iv) Dr. Vinit Kumar :-

a) **Dr Vinit Kumar** published book chapter entitled"Exploring the Use of Sentiment Analysis in Library User Studies: Approaches and Challenges". In Tripathi, A, Verma, M.K. and yadav, A.K.S., Changing Landscape of LIS Education and Research, New Delhi: Shree Publishers and Distributors, ISBN: 978-81-961509-3-8.

v) Dr. Somipam R. Shimray:-

a) **Shimray, S R**. (2022). Gift Authorship as a means of Research Collaboration among Indian Researchers in the 13th International CALIBER 2022, on Envisioning Digital Transformation in Libraries for NextGen Academic Landscape organized by INFLIBNET Centre, Gandhinagar, Gujarat in collaboration with BHU, Varanasi, Uttar Pradesh, during November 17-19, 2022.

vi. 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.

9. Paper published during the year by the faculty members (during 01.04.2022-31.03.2023)

i. Prof. K. L. Mahwar:-

a) Kharwar, V., A.K., &**Mahawar, K. L. (2022**). Collection and services in private agriculture college library in Uttar Pradesh: an exploratory study. Rabindra Bharti Journal of Philosophy, XXIV (4), 78-83.

b) Singh, A.K.,**Mahawar, K.L., & Singh, V. (2022).** Use and Awareness of reference management software among the research scholars of central universities in North India: a survey. Journal of Indian Library Association, 58 (2), 113-112.

c) Preeti, &**Mahawar, K. L. (2023).** Uttar Pradesh Higher Education Digital Library Portal: An Analysis Study in Library Philosophy and Practice (e-journal). Issue Feb., 2022 ISSN-15220222 SNIP: 1.399 SJR: 0.22 H Index: 17

d) Preeti, &**Mahawar, K. L. (2023).** STATUS OF LIBRARY AUTOMATION IN THE HOTEL MANAGEMENT INSTITUTIONS IN INDIA: A STUDY: Madhya Bharti (e/; Hkkjrh). Vol. 83 no.1, Janurary – June: 2023, ISSN 0974-0066, Pg. no. 165- 170.

e) Pratibha and**Mahawar, K. L. (2023).** COLLECTION AND SERVICES OF TRIBAL RESEARCH INSTITUTES, INDIA: A STUDY: JOURNAL OF THE ASIATIC SOCIETY OF MUMBAI Vol. XCVI, no.12, 2023, ISSN-0972-0766, Pg no. 119-126.

f) Pratibha and **Mahawar, K. L. (2023).** BARRIERS TO USE THE COMPUTERS AND ELECTRONIC RESOURCES AMONG THE USERS OF LIBRARY OF TRIBAL RESEARCH INSTITUTES, INDIA: A STUDY: Madhya Bharti (e/; Hkkjrh). Vol. 83, no. 23, January - June 2022 ISSN – 0974-0066, Pg no. 88-96.

g) Preeti, &**Mahawar, K. L. (2022).** Libraries Services and Resources in the Hotel Management Institutions in Punjab: A Comparative study in between AIHM, Chandigarh and IHM, Gurdaspur Journal of Asiatic Society of Mumbai. Vol. 96 (12) (I), Pg no. 91 – 98.

ii. Prof. M. P. Singh:-

a) **Singh, M.P**., & Rai, S. (2022). Attitude of Scientists on Research Ethics and Role of Libraries: A Study of Institutions of Department of Biotechnology, India. Library Herald, 60 (2), 20- 26. https://doi.org.10.5958/0976-2469.2022.00014.8

b) **Singh, M.P**. & Arya, I. (2022). An Assessment of Disaster Management Plan and Strategies in State University Libraries of Uttarakhand: A Study. Madhya Bharti. 83 (2), 47-56.

c) Kushawaha, P.P., &**Singh, M.P.** (2022). Employed Of Disaster Management Framework In Central University Libraries Of Uttar Pradesh: A Survey Study. Madhya Bharati. 82 (2), 161- 166.

d) **Singh, M.P.,**& Shukla, B.V. (2022). Utilization of E- Assets and E- Resources in Library and Information Science education in India: Status and Efforts for Improvement. Madhya Bharti, 82(7), 149-154.

e) Kushwaha, P.P., &**Singh, M.P.** (2022). Disaster Experience and Recovery Strategies in Central University Libraries of Uttar Pradesh: An Analytical Study. JIM - Journal of Information Management, 9 (1), 1-5.

iii. Prof. Shilpi Verma:-

a. **Verma, Shilpi and Gangwar, Rashmi (2022) .** "Data Breaches: A Global Exposure" Journal of Library & Information Communication Technology. Vol 11, No. 1 June 2022. ISSN-2278-3482 (P)2456-9399

b. **Verma, Shilpi** Uttar Pradesh Higher Education Digital Library Portal: An AnalysisStudy in Library Philosophy and Practice (e-journal). Issue Feb., 2022 ISSN-15220222 SNIP: 1.399 SJR: 0.22 H Index: 17
c. **Verma, Shilpi** and Dwivedi, Suraj Kumar (2022). Collection and Preservation of Manuscript in Saraswati Bhawan Library of Sampurnanand and Sanskrit University , Varanasi : A Case Study , The Asiatic Society. Vol. 96 no.5 (I), May 2022, ISSN 0972-0766, Pg. no. 160- 170.
d. Kumari, Pratibha and **Verma, Shilpi** (2022). Divyang Users' Satisfaction Towards Academic Library Services: A Study of Babasaheb Bhimrao Ambedkar University, Lucknow: Phalanx: A Quarterly Review for Continuing Debate.Vol.17, no.3, , July- September 2022, ISSN-2320-7700, Pg no. 116-122.
e. Lakra, Bipin Kishore and **Verma, Shilpi** (2022). A Comparative Study of the Services and Collection Development at Kolkata and Bhopal Libraries of the Indian Institute of Science Education and Research : Journal of Management &Enterpreneurship. Vol. 16, no. 3 Issue 2, July- September 2022 ISSN – 2229-5348, Pg no. 108-115.
f. Patel, Shikha and **Verma, Shilpi** (2022). Challenges and Benefit of Web 2.0-Based Learning Among Indian Research Scholars Post Covid19 Pandemic: An Interview Study: Journal of Asiatic Society of Mumbai. Vol. 96, no. 07 Issue July, 2022 ISSN- 0972-0766, Pg no. 136 – 145.

iv. Prof. S. K. Sonkar:- Papers published in National Journal:

a. Lata, Neha and **Sonkar, S.K. (2023)** Use of Information Communication Technology (ICT) in the Library and Information Science Education and Research: A Study of Central Universities in Uttar Pradesh. *DESIDOC- Journal of Library and Information Technology*, 39(2), 397-403.
b. Pal, K. &**Sonkar, S.K. (**2022).Sentiment Analysis of digital information available on YouTube. *RBU Journal of Library and Information Science*, 24, 119.
c. Aslam, S., &**Sonkar, S. K.** (2022). A Scientometric Study on the Paper of Information & Communication Technologies for Libraries of e-PG Pathshala Portal. *Journal of Education: Rabindra Bharati University*, 5 (1), 48-59
d. Aslam, S., &**Sonkar, S. K.** (2022). Online Courseware in Library and Information Science: A case study of e-PG Pathshala. *College Libraries*, 37(2), 40-50
e. Aslam, S., &**Sonkar, S. K.** (2022). Usage of WhatsApp by the Research Scholars of Babasaheb Bhimrao Ambedkar University, Lucknow (India): A Study. *Journal of Indian Library Association*, 58 (2), 50-61

v. Dr. Vinit Kumar:-

a) Pandey, R and **Kumar, Vinit** (2023), "Web accessibility of Indian cultural heritage information: an analytical study of museum websites", Journal of Cultural Heritage Management and Sustainable Development, ahead-in-print. (ISSN 2044-1266). https://doi.org/10.1108/JCHMSD-08-2021-0153
b) Mamta and **Kumar, Vinit** (2023), "A systematic review of library service quality studies: Models, dimensions, research populations and methods", Journal of Librarianship and Information Science, ahead-in-print. (ISSN 1741-6477)(Impact factor: 1.820). https://doi.org/10.1177/09610006221148190
c) **Kumar, Vinit** and Thakur, Khusbu(2022), "Using text analysis to study doctoral-level library and information science research trends in India", Annals of Library and Information Studies (ALIS). Vol 69(3), pp. 191-202(ISSN 0975-2404). https://doi.org/10.56042/alis.v69i3.58719
d) Yadav, S K, **Kumar, Vinit**, Akhter, Yusuf(2022), "Modeling Global COVID-19 Dissemination Data After the Emergence of Omicron Variant Using Multipronged Approaches", Current Microbiology. ahead-in-print. (ISSN 1432-0991)(Impact factor: 2.343) https://doi.org/10.1007/s00284-022-02985-4
e) Deori, M, **Kumar, Vinit** and Verma M K(2022), "What news sparks interest on YouTube? A study of news content uploaded by India's top five Hindi news networks", Online Information Review. ahead-in-print. (ISSN1468-4527)(Impact factor: 2.901) https://doi.org/10.1108/oir-01-2022-0007

vi. Dr.Somipam R. Shimray:-

a) Lund, B. D., Wang, T., Mannuru, N. R., Nie, B., **Shimray, S**., & Wang, Z. (2023). ChatGPT and a new academic reality: Artificial Intelligence-written research papers and the ethics of the large language models in scholarly publishing. *Journal of the Association for Information Science and Technology*, (first published) 1–12. doi.org/10.1002/asi.24750 (Wiley)

b) **Shimray, S. R.,** 2023. Perceived Attitudes, Perceptions and Barriers towards Scholarly Publication: A Case Study of Indian Researchers. DESIDOC Journal of Library & Information Technology, 43(2), pp. 88-93.

c) **Shimray, S. R.**& Ramaiah, C. K., 2023. Barriers Faced by Youth in Seeking Cultural Heritage Information. DESIDOC Journal of Library & Information Technology, 43(2), pp. 119-125.

vii. Dr. Nitesh Kumar Verma:-

a. Deori, M., Nisha, F., **Verma, N. K.,**& Verma, M. K. (2023). Consumption Patterns of Female Lifestyle Influencers During Covid-19 Pandemic: A Thematic Sentiment Analysis Based on the Comments of Selected YouTube Videos. Journal of Creative Communications, 1-22.

b. Verma, N. K., Deori, M., & Verma, M. K. (2022). Library Services During COVID 19: A Usability Analysis of Websites of the Central University Libraries in India. DESIDOC Journal of Library & Information Technology, 42(6), 341-353.

10. Participated/Papers Presented in conferences/seminar/workshop inside country:

i. Prof. M. P. Singh:-

a. **Prof. M. P. Singh** chaired a Technical Session at 10th International Library Information Professional Summit (I-LIPS 2022) on Resilience, Reflection, and Innovation in Library Services and Practices (Hybrid Mode: Face to face and online) Organized by Society for Library Professionals in Collaboration with Special Libraries Association, Asia Community and Institute of Economic Growth on 21st -22nd May, 2022.

b. **Prof. M. P. Singh** chaired a session in the National Seminar on "Changing Dimensions of Scholarly Communication and Role of Libraries to Attain Inclusive Knowledge Society" under the theme "Impact of Digital environment on Librarianship" held at the Department of Library and Information Science, University of Kashmir, Srinagar, Jammu & Kashmir held on 06th - 07th September 2022.

ii. Prof. Shilpi Verma:-

a) Prof. Shilpi Verma attended and delivered an invited lecture on " Role of Libraries in Achieving Targets of Environment Sustainability" at International Conference on Environmental Sustainability & Biotechnology : Opportunities & Challenges. On 16-19, Nov, 2022. Organized by Department of Microbiology Government College of Arts Science and Commerce, khandola, Goa, India, Department of Microbiology Ponda Education Society's Ravi S. Naik College of Arts & Science Faragudi, Goa, India, Society for Enviorment Sustainable Lucknow, U.P., India.

b) Prof. Shilpi vermadelivered Keynote Address on"Uttar Pradesh Public Libraries : Opportunities and Challenges: on the one program organised for remembrance of Shri Late S.N.Aggarwal, Organiszed by Uttar Pradesh Library Association, U.P on 04/09/2022.

c) Prof. Shilpi Verma attended andpanelist in International Seminar on Indian Knowledgw System for LIS and Allied Disciplines (IKS-LISAD),Organized by NSOU Kolkata on 24-26, March 2023

iii. Prof. S. K. Sonkar:-

a) Attended Two days National conference on changing Dimensions of scholarly communication and role of libraries to attain inclusive knowledge society during 6-7, September 2022.DLIS, University of Kashmir, Srinagar(J&K)India,

b) Attended National seminar on changing role of libraries in Indian culture and Modern Society organised by Parshwanath Vidyapeeth, BHU, Varanasi during 4-5 February, 2023

iv. Dr.Somipam R. Shimray:-

a. **Dr**.**Somipam R. Shimray** Completed UGC-Approved Short-Term Professional Development Programme on Implementation of NEP 2020 for University and College Teachers, IGNOU during October 27, 2022 – November 05, 2022.

11. Attendant Participated in Conference/Seminar/Workshop outside Country:-

i. Prof. M. P. Singh:-

a. **Prof. M. P. Singh** presented paper on **Responsiveness of Special Libraries in Hyflex Learning during Covid-19: A Survey of CSIR Institutional Libraries of Uttar Pradesh, India** in8th International Conference of Asian Special Libraries (ICoASL) on "Advancing Asian Special Libraries towards the Fifth Industrial revolution" organized by Special Library Association (SLA) held during February 22-24 in Cebu City, Philippines.

12. Detail of invited lecture inside Country:-

i. Prof. K. L. Mahawar:-

a) Prof. K. L. Mahawar delivered an invited talk on NEP – 2020 and Electronic Information Resources in India on 7th June, 2022 orgnaised by UGC-HRDC, Doctor Harisingh Gour Vishwavidyalaya, Sagar – 470003 (MP) India.

b) Prof. K. L. Mahawar observer for Seminar/Project/Microteaching on on 7th June, 2022 organised by UGC – Human Resources Development Centre, Doctor Harisingh Gour Vishwavidyalaya, Sagar – 470003 (MP) India.

ii. Prof. M. P. Singh:-

a. **Prof. M. P. Singh** invited as Resource Person for delivering a lecture in the webinar on "In service Capacitation Program for Librarians", Topic on 'Expectations out of an Effective and Efficient Librarian' organized by Army Welfare Education Society (AWES), held on 22nd Aug, 2022.

iii. Prof. Shilpi Verma:-

a) Prof. Shilpi Verma delivered an invited talk on Use of Social Media for Education, Research & Collaborative Learning in 5th Faculty Induction Programme from 2nd Nov to 22nd Nov 2022 orgnaised by UGC-HRDC, Mizoram University, Aizwal on 8.11.23

b) Prof. Shilpi Verma delivered an invited talk on Redefining role of Libraries in new digital era in 12th Refresher Course in Library and Information Science organised by HRDC-University of Calicut, Kerela from 22nd Nov. to 3rd Dec 2022 on 26th Nov 2022

c) Prof. Shilpi Verma delivered an invited talk on Library 2.0 innovative Technologies for building new world in 12th Refresher Course in Library and Information Science organised by HRDC-University of Calicut, Kerela from 22nd Nov. to 3rd Dec 2022 on 26th Nov 2022

d) Prof. Shilpi verma delivered an invited lecture on Redefining role of libraries in changing era in Refresher Course in Library & Information Science org by HRDC Sambhalpur from 15.3.23 to 28.3.23 on 18th March 2023

e) Prof. Shilpi verma delivered an invited lecture on Library 2.0-innovative technologies for building 2.0 world in Refresher Course in Library & Information Science org by HRDC Sambhalpur from 15.3.23 to 28.3.23 on 18th March 2023

f) Prof. Shilpi verma delivered an invited lecture on Role of Libraries in Achieving Targets of Enviroment Sustainability in International Conference on Enviormental Sustainability & Biotechnology : Opportunities & Challenges. Organized by Department of Microbiology Government College of Arts Science and Commerce, khandola, Goa, India, Department of Microbiology Ponda Education Society's Ravi S. Naik College of Arts & Science Faragudi, Goa, India, Society for Enviorment Sustainable Lucknow, U.P., India from 16-19 Nov 2022

g) Prof. Shilpi verma delivered an invited lecture on "Reaching out to all: Rethinking Spaces & redefined Role" organized by the Department of Library & Information Science, Savitribai Phule Pune University, Ganeshkhind, Pune on 23rd November 2022.

h) Prof. Shilpi vermadelivered an invited lecture on "Library 2.0 and beyond: Remodeling today's Library" organized by the Department of Library & Information Science, Savitribai Phule Pune University, Ganeshkhind, Pune on 23rd November 2022.

i) Prof. Shilpi vermadelivered an invited lecture on "Uttar Pradesh Public Libraries : Opportunities and Challenges: on the one program organised for remembrance of Shri Late S.N.Aggarwal, Organiszed by Uttar Pradesh Library Association, U.P on 04/09/2022.

j) Prof. Shilpi vermadelivered an invited lecture onon "सुचना प्रोद्यौगिकी एव हिन्दी का प्रयोग" at one day हिंदी कार्यशाला organized by Prasar Bharti , Akasvani Lucknow on 26/09/2022.

k) Prof. Shilpi vermadelivered an invited lecture on"Legal Research and Librarian's" at Refresher course on Digital Transformation of Library Science Education and Services (26 may – 8 June, 2022), organized by Harisingh Gaur University, Sagar, M.P. on 03/06/2022.

l) Prof. Shilpi vermadelivered an invited lecture on"Role of Social Media in Education, Research " at Refresher course on Digital Transformation of Library Science Education and Services (26 may – 8 June, 2022) organized by Harisingh Gaur University, Sagar, M.P. on 03/06/2022.

m) Prof. Shilpi vermadelivered an invited lecture on "Importance of the Yoga in Modern Lie" organized by Department of Yoga and Yoga Wellness Centre, BBAU with the collaboration of NSS, NCC, EMRC & AKAM BBAU, Lucknow on 02/06/2022.

iv. Prof. S .K. Sonkar:-

a) Delivered invited lecture on Open Access Resources at High-end workshop on Reference management for research scholars organised by Department of Agricultural Economics, institute of agricultural science, BHU, Varanasi during 22nd Nov, 2022.

b) Delivered invited lecture on Institutional Repository in the National training workshop on library automation and Digitization. Ramdyalu Singh College, Muzaffarpur. Bihar University during 25-29 June 2022.

c) Delivered invited lecture on Open source software for libraries in the National training workshop on library automation and Digitization. Ramdyalu Singh College, Muzaffarpur. Bihar University during 25-29 June 2022.

d) Delivered invited lecture on information technology applications in libraries in the National seminar on changing role of libraries in Indian culture and Modern Society organised by Parshwanath Vidyapeeth, BHU, Varanasi during 4-5 February, 2023.

v. Dr. Vinit Kumar:-

a) **Dr Vinit Kumar** delivered two invited talks, "Writing an academic research article" and "Publication process: planning, preparing, pre-publication and post publication" at the ICSSR sponsored Research Methodology Training Course in Social Science organised by Institute of Education, Bundelkhand University, Jhansi on 18th Jan 2023.

b) Conducted sessions on "Developing Institutional Repositories using DSpace" from 6th Jan to 8th Jan 2023 in the National Workshop on Open Source Solutions for Library Management in Digital Era, 04th to 08th Jan 2023 organised by the School of Studies in Library and Information Science, Jiwaji University, Gwalior.

c) **Dr Vinit Kumar** delivered an invited talk on "Research Ethics: Plagiarism, Research Protocol Writing and Dissertation Writing" in One Week Online Workshop on Biostatistical Data Analysis and Research Methodology organised by Science Tech Institute, Lucknow (run by Manraj Kuwar Singh Educational Society, Lucknow, Uttar Pradesh) on 27th Dec 2022.

d) **Dr Vinit Kumar** delivered an invited talk on "Implementing Augmented Reality in Academic Libraries" in one day National Workshop on Application of Augmented Reality in Academic Libraries at CK Thakur ACS College on 19th Dec 2022.

e) **Dr Vinit Kumar** delivered acted as a resource person and delivered lectures and hands-on sessions on "Social Media Data Mining for Text and Sentiment Analysis" in the two-day workshop on Social Media Data Mining for Text and Sentiment Analysis: Tools and Approaches organized by Dept of Mass Communication in collaboration with Technology Enabling Centre (DST) funded), Mizoram University held on 29th and 30th Sept 2022.

f) **Dr Vinit Kumar** delivered an invited talk on "Plagiarism - Concept and meaning" in one week workshop on research methodology and data analysis during 19-24 Sep 2022 organised by IQAC, the University of Lucknow on 23 Sep 2022.

vi. Dr. Nitesh Kumar Verma:-

a. **Dr. Nitesh Kumar Verma** delivered a lecture on the topic "Plagiarism Software's and their effective uses" on Seven Days Short Term Course on "Research and Publication Ethics" organized by UGC, HRDC, Mizoram University, from September 13-19, 2022.

22. Details of invited lectures outside Country:-

a. **Prof. M. P. Singh** chaired a Session at 16th International Conference on Webometrics, Informetrics and Scientometrics, 21st COLLNET Meeting organized by COLLNET held during November 10-12, 2022 in Chulalongkorn, Bangkok, Thailand.

23. Details of National Awards/Fellowship:-

(i) **Prof. M. P. Singh**received NCC Achievers Award 2022 conferred by NCC Alumni Club of Delhi at Sangam Auditorium, DG NCC Camp, Delhi Cantt., New Delhi on 15th July, 2022.

(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) **Prof. Shilpi verma** awarded for **Women Empowerment** byAkash welfare foundation for outstanding work in field of Women Empowerment.

(iv) **Prof. Shilpi verma**awarded for **Outstanding Extension Professional Award** by Asian Biological Research Foundation Awards for in the field Nature and Natural Sciences (ICNS 2023) organized

and hosted by Rani DurgavatiVishwavidyalaya (RDVV), Jabalpur (M.P.) in association ABRF Prayagraj, ICFRE-TFRI, Jabalpur, The American University, USA, Institute of Learning& Development, Hong Kong,

24. Details of Research Project (major and minor)-

Dr.Somipam R. Shimray is running a minor project titled: "Barriers to scholarly publication A case study of Indian Researchers" funded by BBAU with grand of 0.50 (w.e.f. 27.06.2022)

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

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.

28. Students Achievements:-

i. 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	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	JRF, SRF
2	Preeti	Prof. K. L. Mahawar	Library Services In The Hotel Management Institutions In India: A Study	JRF, SRF
3	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	NET
4	Mr. Shashi Rai	Prof. M. P. Singh	Awareness of Researchers Towards Research Ethics: A Study of Institutes under the Department of Biotechnology in India	UGC NET JRF
5	Mr. Badri Vishal Shukla	Prof. M. P. Singh	Faculty Perception and Attitude Towards Electronic Resources and Services Provided by Private University Libraries in National Capital Region: A Study	Non-Net fellowship
6	Rashmi Gangwar	Prof. Shilpi Verma	Indian Institure Of Management Iims Libraries Towards Digitization: A Study Of North India	UGC SRF
7	Neha Kanojia	Prof. Shilpi Verma	Users Perception, Adoption And Usage Behavior For Open Access Journal: A Study Of Central Universities Libraries Of North India	NFSC(SRF)
8	Kanchan Lata Bharti	Prof. Shilpi Verma	Implementation Of Emerging Technology In The Libraries Of Central Universities In North East India: A Study	NFSC(SRF)
9	Ms. Sana Aslam	Prof. S.K. Sonkar	Awareness And Use of E-Pg Pathshala Among Students of Library And Information Science of Central Universities In North India: A Study	Non-Net fellowship
10	Rahul Kumar Pandey	Dr.Vinit Kumar	Status of Digitization And Digital Preservation of Cultural Heritage Resources In The Cultural Heritage Institutions of India	Non-Net fellowship

Ph. D student's Pursuing				
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	*Arun Kumar (* final decision is pending for continuance)	Prof. K. L. Mahawar	The District Public Library System In Himachal Pradesh: An Empirical Study Of Issues And Challenges With Special Reference To Socio-Economic Conditions Of The Users	UGC JRF
4	Vishwdeep Kharwar	Prof. K. L. Mahawar	Collection And Services Of Private Agriculture College Libraries In Uttar Pradesh: An Exploratory Study	NET
5	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	NET
4	Mr. Prem Prakash Kushawaha	Prof. M. P. Singh	Disaster Management Strategies Of Central University Libraries In India: A Study	UGC-JRF
5	Ms. Shraddha Dixit	Prof. M. P. Singh	Sustainable Strategies Towards Green Libraries: A Study Of National Institutes Of Technology In India	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	Ms. 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
8	Mr. Sanjay Kumar	Prof. M. P. Singh	Human Resource Management in Libraries of Indian Institute of Management in India: A Study	UGC-JRF
9	Mr. Anurag Vidyarthi	Prof. M. P. Singh	Indian Contribution in Genome Sequencing and Bioinformatics Research: A Scientometric Insight	UGC-JRF
10	Pratibha kumari	Prof. Shilpi Verma	An Assessment Of Services And Facilities Rendered By Central Universities Libraries For Divyangjan In North India : A Study	NFOBC(SRF)
11	Shikha Patel	Prof. Shilpi Verma	Academic Use Of Web 2.0 Technologyamong Research Scholars In Central Universities Of Northern And North Eastern Region Of India	SRF
12	Rajesh Kumar Paswan	Prof. Shilpi Verma	Need Awareness And Use Of Collection And Services In Libraries Of National Pharmaceutical Education & Research In India : A Study	NFSC(SRF)
13	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
14	Suraj Kumar Dwivedi	Prof. Shilpi Verma	Prservation And Accessibility Of Manuscripts In University Libraries And Instutions Of Uttar Pradesh : A Study	NON-NET FELLOWSHIP

15	Amit Kumar Verma	Prof. S.K. Sonkar	Indian Contribution And Perception On Open Access Scholarly Communication In Science: An Evaluative Study	Supernumerary
16	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	NFSC(SRF)
17	Uttkarsh	Prof. S.K. Sonkar	Digitization, Preservation And Access Of Printed Cartographic Resources In Geological Survey Of India: A Case Study	UGC-JRF
18	Amreen	Prof. S.K. Sonkar	Application Of Security System In The Central University Libraries Of North India: A Study	UGC-JRF
19	Mamta	Dr.Vinit Kumar	Service Quality In Libraries of Goverment Engineering Colleges In Haryana: An Analytical Study	NON-NET FELLOWSHIP
20	Khusbhu Thakur	Dr.Vinit Kumar	Application of Text Mining Techniques In Doctoral Theses of Library And Information Science Awarded In India	NFST
21	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

Student's achievements:

Number of students completed their Masters/graduation/Diploma	BLIS	41
	MLIS	35
Number of student pursuing higher education	BLIS to MLIS	20
Number of student selected on other government Jobs/bank/banking/School teaching etc:-	Mr. Omprkashkumarjigyashu-Librarian (NVS) Mr. Rahul Pandey-Librarian (NVS) Mr. Shashi Rai- Librarian (NVS)	03
Number of Students placed through campus interview	NIL	NIL
Number of student awarded SLET/NET/JRF/any other fellowship	NET-JRF (Anurag Vidyarthi)	01

29. Any other special achievement recorded by the Student. NIL

30. Details of the Publications of the student (Books/Article/Books 'chapter)

31.

Sl. No.	**Name of Student/ Scholar**	**Books**	**Book Chapters**	**Papers in UGC listed journal**	**Papers in otherpeer reviewjo urnal**
1.	Suraj Kumar Dwivedi	Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers &Distributors,ISBN: 9788196150938	Sustainable Libraries: The Advantage of Green Practices with Innovative Technology.Changing Landscape of LIS Education and Research	Collection and Preservation of Manuscript in Saraswati Bhawan Library of Sampurnanand and Sanskrit University , Varanasi : A Case Study	

2.	Pratibha kumara	Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938	Research Support tools: An Overview. Changing Landscape of LIS Education and Research	Divyang Users' Satisfaction Towards Academic Library Services: A Study of Babasaheb Bhimrao Ambedkar University, Lucknow: Phalanx: A Quarterly Review for Continuing Debate	
3.	Bipin Kishore Lakra	Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938	Collection Development and Services at the Indian Institute of Science Education and Research, Pune. Changing Landscape of LIS Education and Research	A Comparative Study of the Services and Collection Development at Kolkata and Bhopal Libraries of the Indian Institute of Science Education and Research	
4.	Shikha Patel	Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938	Web 2.0 and Web 3.0: A conceptual Framework**.** Changing Landscape of LIS Education and Research	Challenges and Benefit of Web 2.0-Based Learning Among Indian Research Scholars Post Covid19 Pandemic: An Interview Study	
5.	Rajesh Kumar Paswan	Changing Landscape of LIS Education and Research (Prof. H. N. Prasad Festscrift Volume) Ed. By Prof. Aditya Tripathi, Prof. Manoj Kumar Verma and Dr. Akhilesh K.S. Yadav. Shree Publishers & Distributors, ISBN: 9788196150938	Library Discovery Services: An Integrated Approach to Enhance Library Facilities. Changing Landscape of LIS Education and Research		

32. Google Profile of the Faculty members:-

i. Dr. K. L. Mahawar:-
Professor
Department of Library and Information Science,
Since 2018
Citations: 27
h-index: 4
i10-index: 0

ii. Dr. Mahender Pratap Singh
Professor
Department of Library and Information Science,
Since 2018
Citations: 168
h-index: 8
i10-index: 6

iii. Dr. Shilpi Verma:-
Professor
Department of Library and Information Science,
Since 2018
Citations: 126
h-index: 6
i10-index: 1

iv. Dr. Vinit Kumar:-
Assistant Professor
Department of Library and Information Science,

	All	Since 2018
Citations	189	130
h-index	8	7
i10-index	7	7

v. Mr. Somipam R. Shimray:-
Assistant Professor
Department of Library and Information Science
Since 2018
Citations: 251
h-index: 8
i10-index:7

vi. Dr. Nitesh Kumar Verma:-
Assistant Professor
Department of Library and Information Science

	All	Since 2013
Citations	78	78
h-index	6	
I10-index	2	

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.

2. Course Offered:

i. M.Sc. (Information Technology)
ii. M.Tech. (Software Engineering)
iii. Ph.D. (Information Technology)

3. Facilities available in the department:

i. Computer Lab
ii. Smart Classroom
iii. Departmental Library
iv. Research Lab
v. Server Room

4. 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.

5. **Details of Book Chapter in edited volume:Available at below**

Prof. R. A. Khan

1. **Book Chapter**

- "Biomedical Applications Cloud-Based IoT." In *Biomedical Translational Research: Technologies for Improving Healthcare*, pp. 141-153. Singapore: Springer Nature Singapore, 2022.
- "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.

2. **Books Authored**

- Software Security: Concepts & Practices, ISBN: 9781003220404, CRC Press, 2023.
- Software Durability: Concepts and Practices, ISBN: 9781003220404, Concepts and Practices; CRC Press, 2023.

Dr. Dhirendra Pandey

1. **Book Chapter**

- "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.

Dr. Raj Shree

1. **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.

2. **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

Dr. Pawan Kumar Chaurasia

1. **Book Chapter**

- "Deep multi-view learning for healthcare domain." In *Computational Intelligence Aided Systems for Healthcare Domain*, pp. 55-90. CRC Press, 2023.

Dr. Alka

1. **Book Chapter**

- "Biomedical Applications Cloud-Based IoT." In Biomedical Translational Research: Technologies for Improving Healthcare, pp. 141-153. Singapore: Springer Nature Singapore, 2022.
- "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.

6. Paper published during the year by the faculty members (during 01-04.2022- to 31-03-2023)

Prof. R.A. Khan

- "Evaluating Security of Big Data Through Fuzzy Based Decision-Making Technique." COMPUTER SYSTEMS SCIENCE AND ENGINEERING 44, no. 1 (2023): 859-872.
- "A Framework for Securing Saudi Arabian Hospital Industry: Vision-2030 Perspective." *INTELLIGENT AUTOMATION AND SOFT COMPUTING* 36, no. 3 (2023): 2773-2786.
- "Use Cases of Smart Contracts in Decentralized Health Infrastructure." In *Advances in Information Communication Technology and Computing: Proceedings of AICTC 2022*, pp. 497-509. Singapore: Springer Nature Singapore, 2023.
- "P2ADF: a privacy-preserving attack detection framework in fog-IoT environment." *International Journal of Information Security* (2023): 1-14.
- "Reinforcing Li-ion batteries with electrochemical impedance Spectroscopy", Materials Today: Proceedings, 86, 2214-7853, 2023.
- "Quantitative Assessment of Software Security by Quantum Technique Using Fuzzy TOPSIS" Research Square, 2693-5015, 2023.
- "A neutrosophic AHP-based computational technique for security management in a fog computing network." *The Journal of Supercomputing* 79, no. 1 (2023): 295-320.
- "Development of a Model for Trust Management in the Social Internet of Things." *Electronics* 12, no. 1 (2022): 41.
- "Securing healthcare information system through fuzzy based decision-making methodology." *Health Informatics Journal* 28, no. 4 (2022): 14604582221135420.
- "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.
- "Virtual and Augmented Reality Infused in AEC Ir 4.0." In *2022 3rd International Conference on Computation, Automation and Knowledge Management (ICCAKM)*, pp. 1-5. IEEE, 2022.
- "Evaluating Software Security in the Era of Quantum Computer by Using Fuzzy TOPSIS." (2022).
- A model for preserving data and location privacy in fog based IoT scenario." *Journal of King Saud University-Computer and Information Sciences* 34, no. 9 (2022): 6808-6817.
- "Estimating Usable-Security Through Hesitant Fuzzy Linguistic Term Sets Based Technique." *Computers, Materials & Continua* 70, no. 3 (2022).
- "Hesitant fuzzy-sets based decision-making model for security risk assessment." *CMC-Comput. Mater. Contin* 70 (2022): 2297-2317.
- "Integrating blockchain technology into healthcare through an intelligent computing technique." *Computers, Materials & Continua* 70, no. 2 (2022): 2835-2860.
- "Hybrid computational modelling for web application security assessment", Computers, Materials & Continua, vol.70, no.1, pp.470-489, Tech Science Press, 1546-2226, 2022.
- "Securing healthcare information system through fuzzy-based decision-making methodology"„*Journal of Healthcare Informatics*, vol.28, no.4, 2022.
- "Analysis and ranking of IT risk factors using fuzzy TOPSIS-based approach." *Applied Sciences* 12, no. 12 (2022): 5911.
- "A Usability Management Framework for Securing Healthcare Information System." *Comput. Syst. Sci. Eng.* 42, no. 3 (2022): 1015-1030.
- "Multi-level hesitant fuzzy based model for usable-security assessment." *Intell. Autom. Soft Comput* 31, no. 1 (2022): 103304.
- "Blockchain and Artificial Intelligence Applications to Defeat COVID-19 Pandemic." *Computer Systems Science & Engineering* 40, no. 2 (2022).
- "Analyzing the data of software security life-span: Quantum computing era." *Intelligent Automation & Soft Computing* 31, no. 2 (2022): 707-716.

- "Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective." *Comput. Syst. Sci. Eng.* 41, no. 2 (2022): 557-567.
- "Analyzing the Implications of COVID-19 Pandemic through an Intelligent-Computing Technique." *Computer Systems Science & Engineering* 41, no. 3 (2022).
- "Analyzing the Big Data Security Through a Unified Decision-Making Approach." *Intelligent Automation & Soft Computing* 32, no. 2 (2022).
- "Hybrid binary butterfly optimization algorithm and simulated annealing for feature selection problem." *International Journal of Applied Metaheuristic Computing (IJAMC)* 13, no. 1 (2022): 1-18.
- "Modernizing CPS with Blockchain: Applications, Challenges & Future Directions." In *2022 Second International Conference on Interdisciplinary Cyber Physical Systems (ICPS)*, pp. 124-129. IEEE, 2022.
- "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.
- "An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic." *Processes* 10, no. 5 (2022): 838.
- "A unified decision-making technique for analysing treatments in pandemic context." *CMC-Comput Mater Contin* 73, no. 2 (2022): 2591-2618.
- "Sustainable-Security Assessment Through a Multi Perspective Benchmarking Framework." *CMC-Computers Materials & Continua* 71, no. 3 (2022): 6011-6037.
- "Empowering Indian citizens through the secure e-governance: The digital India initiative context." In *Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 3*, pp. 3-11. Singapore: Springer Nature Singapore, 2022.

Dr. Dhirendra Pandey

- "Analysis Of Attacks On E-Gov: A Study",*Journal of the Indian Institute of Bankers,*vol 9 (1), 00194921, pp. 86-91, 2022.
- "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.
- "An Analysis of Security Issues for Cloud Computing,"*InternationalResearchJournal of Management Science &Technology*,vol 13 Issue 5, pp. 163-172, 2022.
- "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.
- "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.
- "Requirements Engineering Process Model Add-On for Software Development." *International Journal of Research and Review* 9, no. 2 (2022): 142-146.
- "Security Introspection for Software Reuse." *International Research Journal of Engineering and Technology (IRJET)*, e-ISSN: 2395-0056, vol 09 Issue: 05, May 2022.
- "Software Reuse: Extraction from Repository."*International Journal of Research in Engineering and Science (IJRES),* 139-142, 2022.
- "Study of requirements engineering process model." *IJRAR–International Journal of Research and Analytical Reviews (IJRAR)* 9, no. 2 (2022): 135-141.
- "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.

Dr. Raj Shree

- Anshita Singh, Amit Arya, Vivek Agarwal, Raj Shree, Uttam Kumar (2023), Computing brain cortical complexity in euthymic children with bipolar disorder: A surface-based approach, Asian Journal of Psychiatry, Volume 80, 103352, ISSN 1876-2018, https://doi.org/10.1016/j.ajp.2022.103352. (https://www.sciencedirect.com/science/article/pii/S1876201822003501).
- Singh, A., Arya, A., Agarwal, V. et al. Grey and white matter alteration in euthymic children with bipolar disorder: a combined source-based morphometry (SBM) and voxel-based morphometry

(VBM) study. Brain Imaging and Behavior 16, 22–30 (2022). https://doi.org/10.1007/s11682-021-00473-0

- Dr. R.K.Srivastava, Digesh Pandey, Raj shree, International Journal of Advanced Research in Computer Science, Volume 13, No. 1, 11-15 (2022), DOI: http://dx.doi.org/10.26483/ijarcs.v13i1.6797

Dr. Pawan Kumar Chaurasia

- "Development of a Model for Trust Management in the Social Internet of Things." *Electronics* 12, no. 1 (2022): 41.
- "CRITICAL REVIEW OF TRUTHFUL FRIEND SELECTION APPROACHES IN THE SOCIAL INTERNET OF THINGS." *Harbin GongyeDaxueXuebao/Journal of Harbin Institute of Technology* 54, no. 8 (2022): 221-237.
- "THE SECURITY OF TRANSFORMING DIGITAL MEDICAL IMAGES USING RDWT, HT, AND SVD TECHNIQUES." *Harbin GongyeDaxueXuebao/Journal of Harbin Institute of Technology* 54, no. 10 (2022): 270-276.
- "REVIEW ON TRUST MANAGEMENT IN SOCIAL IOT", International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, vol.9(2), pp.427-436.
- "A Review of Trust Management Techniques in the Internet of Things (IoT)", International Journal of Research and Analytical Reviews (IJRAR)."2022, vol 9, Issue 3. pp-412-417.
- "A Review on Trust Management in the Social Internet of Things: Issues and Challenges", Technix International Journal for Engineering Research, vol. 9, no. 6, June 2022, pp. 1-8.
- "Development of a Model for Trust Management in the Social Internet of Things." *Electronics* 12, no. 1 (2022): 41.

Dr. Alka

- "A Framework for Securing Saudi Arabian Hospital Industry: Vision-2030 Perspective." *INTELLIGENT AUTOMATION AND SOFT COMPUTING* 36, no. 3 (2023): 2773-2786.
- "Use Cases of Smart Contracts in Decentralized Health Infrastructure." In *Advances in Information Communication Technology and Computing: Proceedings of AICTC 2022*, pp. 497-509. Singapore: Springer Nature Singapore, 2023.
- "P2ADF: a privacy-preserving attack detection framework in fog-IoT environment." *International Journal of Information Security* (2023): 1-14.
- "A neutrosophic AHP-based computational technique for security management in a fog computing network." *The Journal of Supercomputing* 79, no. 1 (2023): 295-320.
- "Development of a Model for Trust Management in the Social Internet of Things." *Electronics* 12, no. 1 (2022): 41.
- "Securing healthcare information system through fuzzy based decision-making methodology." *Health Informatics Journal* 28, no. 4 (2022): 14604582221135420.
- A model for preserving data and location privacy in fog based IoT scenario." *Journal of King Saud University-Computer and Information Sciences* 34, no. 9 (2022): 6808-6817.
- "Hesitant fuzzy-sets based decision-making model for security risk assessment." *CMC-Comput. Mater. Contin* 70 (2022): 2297-2317.
- "Analysis and ranking of IT risk factors using fuzzy TOPSIS-based approach." *Applied Sciences* 12, no. 12 (2022): 5911.
- "A Usability Management Framework for Securing Healthcare Information System." *Comput. Syst. Sci. Eng.* 42, no. 3 (2022): 1015-1030.
- "Multi-level hesitant fuzzy based model for usable-security assessment." *Intell. Autom. Soft Comput* 31, no. 1 (2022): 103304.
- "Blockchain and Artificial Intelligence Applications to Defeat COVID-19 Pandemic." *Computer Systems Science & Engineering* 40, no. 2 (2022).
- "Analyzing the data of software security life-span: Quantum computing era." *Intelligent Automation & Soft Computing* 31, no. 2 (2022): 707-716.
- "Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective." *Comput. Syst. Sci. Eng.* 41, no. 2 (2022): 557-567.

- "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.
- "An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic." *Processes* 10, no. 5 (2022): 838.
- "A Unified Decision-Making Technique for Analyzing Treatments in Pandemic Context." *CMC-Comput Mater Contin* 73, no. 2 (2022): 2591-2618.
- "Sustainable-Security Assessment Through a Multi Perspective Benchmarking Framework." *CMC-Computers Materials & Continua* 71, no. 3 (2022): 6011-6037.
- "Empowering Indian citizens through the secure e-governance: The digital India initiative context." In *Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 3*, pp. 3-11. Singapore: Springer Nature Singapore, 2022.
- "Evaluating Intelligent Methods for Detecting COVID-19 Fake News on Social Media Platforms." *Electronics* 11, no. 15 (2022): 2417.
- "Healthcare device security assessment through computational methodology." *Computer Systems Science & Engineering* 41, no. 2 (2022).

Dr. Amit Kumar Singh

- Time dependent entropic analysis of software bugs," *International Journal of System Assurance Engineering and Management* (2023): 1-8.

7. Details of invited inside the country:

Dr. Dhirendra Pandey

- Titled "Computer Ergonomics", LCCCGGSPCT, Organized by BBAU, Lucknow, 2022.

Dr. Pawan Kumar Chaurasia

- Title: "Review of Attacks on Connected and Autonomous Vehicles (CAV) and their Existing Solutions,10th IEEE Xplore International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Organized by Amity Institute of Information Technology, Noida, Noida, India (13-14 October 2022).
- Title: "DCT and SVD-based Watermarking Technique for imperceptibility and Robustness of Medical Images", IEEE Xplore International Conference on Advances in Computing Communication Control and Networking (ICAC3N-22), Organized by Deptt of CSE, Galgotias College of Engineering and Technology, Greater Noida, India (16-17 December 2022).
- Title: "Securing Transmission of Medical Images using Cryptography Steganography and Watermarking Techniques" Springer supported International Conference on Cryptography & Network Security With Machine Learning (ICCNSML), Organized by Deptt of CSE, PSIT, Kanpur, UP India (16-18 December 2022).
- Title: "Future Challenges of Trust Management in the Social Internet of Things: A Survey", In 45 Indian Social Science Congress, Organized by B.S. AbdurRahman Crescent Institute Of Science & Technology, Vandalur, Chennai, 2022.
- Title: "Friend Selection in Social Internet of Things: A Novel Approach," International Conference on Advances in Data Science Challenges with Big Data Analysis, Organized by SRM ISTKattankulathur, Chennai, 2022.
- Title: "The Phenomenon of Translation in the Influence of Big Data," International Conference on Advances in Data Science Challenges with Big Data Analysis, Organized by SRM ISTKattankulathur, Chennai, 2022.
- Title: "IT ACT 2000-Criminals Aspects", UGC sponsored Online Short Term in Cyber in Cyber Security: Issues and Challenges and Intervention 26-11-2022, Organized by GNDU, Amritsar, 2022.
- Title: "Cyber Security: Trends Challenges and Threats," UGC sponsored Online Short Term in Cyber in Cyber Security: Issues and Challenges and Intervention 26-11-2022, Organized by GNDU, Amritsar, 2022.
- Title: "Cyber Security: Challenges" Online Refresher course in ICT for the colleges and University Teachers from 18th June 2022 to 1st July 2022, Organized by Lucknow University, Lucknow, 2022.
- Title: "Cyber Security: Issues and Challenges" Expert Lecture Series, Organized by RML Faizabad University Lucknow 2022.

Dr. Raj Shree

- Titled "An Overview & Orientation of Research", National Seminar on National Science Day, organized by College of Commerce & Economics, Mumbai, 28th Feb, 2023.
- Titled "E-Waste Management in India: Challenges and Strategies", National Level Refresher Course, organized by UGC- Human Resource Development Centre, University ofLucknow, Lucknow, 20th June, 2022.
- Titled "E-Waste Generation & Management in India: Challenges and Strategies ", National Level 8th Faculty Induction Programme, organized by UGC- Human Resource Development Centre, University of Allahabad, Prayagraj. 11th April, 2022.
- Titled "Hands on Training on ICT Tools for e-content development", National Level online Faculty Development Program on NEP-2020 MOOCs: Design, Development and Delivery, organized by UGC-Human Resource Development Centre, JAI NARAIN VYAS UNIVERSITY, JODHPUR RAJASTHAN 7th March 2022 to 12th March 2022.
- Titled "Hands on Training on e-content development using Inkscape & OBS Studio", National Level online Faculty Development Program on NEP-2020 MOOCs: Design, Development and Delivery, organized by UGC-Human Resource Development Centre, JAI NARAIN VYAS UNIVERSITY, JODHPUR RAJASTHAN 7th March 2022 to 12th March 2022.

Dr. Alka

- Titled "Hardware Assisted Security for Fog Computing based IOT Networks", One-week High End Workshop Under the KARYASHALA SCHEME- A SERB initiative, Organized by DA-IICT Gandhinagar, Gujarat, India, 11th -17th July 2022.

Dr. Amit Kumar Singh

- Invited Lecture: MS Access, Title: Use of Computer in Office Management, Organized by PrashikshnaPrabhag, Rajya NiyojanSansthan, UP, 2022.

8. Details of invited lecture outside the country

Dr. Pawan Kumar Chaurasia

- 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, Landran In 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.

Dr. Raj Shree

- To provide ultra-low cost automation services and consultancy to researchers Funded by Babasaheb Bhimrao Ambedkar University, Lucknow-226025, Duration: 6 Months, Grant Amount: Rs. 50,000.
- Design and analysis of speech recognition system and its application for impaired persons using soft computing techniques, Funded by CSTUP, Duration: Three Years, Grant Amount: Rs. 11.94 Lac

Dr. Alka

- Design and Development of Framework for Bio-Medical Waste Segregation using Internet of Things and Machine Learning Approach to Elevate the "Swachha Bharat" in Hospitals of Uttar Pradesh. "(Project I.D. 1040)", Sponsored By: Council of Science and Technology, U.P., Duration: 3 Years, Grant Amount: Rs. 11,94,000.00

Dr. Amit Kumar Singh

- Modeling of Traffic Data in Cloud Computing, Sponsored by BBAU, Duration 03 months, Grant Amount: 0.25 Lacs, 2022.

10. Student achievements:

i. Accomplishments of students

Number of students completed their Master/ Graduation/ Diploma	M.Sc. (IT , and M.Tech(SE)	71
Number of student selected in civil Services	00	00
Number of student pursuing higher studies Number of student selected on other government jobs/banking/school/ teaching etc	00	00
Number of students placed through campus interview	00	00
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	Mohd. Faizan	Prof. R.A.Khan		Identification and Classification of Illegal Content on Tor Dark Web	UGC-SRF
2	Mohd.Asim Sayeed	Dr. Raj Shree		A Framework for Data Diseminotion and Coverage Enhancements for UAV Assisted Wireless Ad hoc Network	Non-Net fellowship
3	Sunil Singh	Dr.P.K.Chaurasia		Trust Evaluation in SIOT Environment	Non-Net fellowship
4	Ajay Kumar	Dr. Raj Shree		A Framework to Control RSU Based TCP Traffic Congestion in VANETs	Non-Net fellowship
5	Amal Krishna Sarkar	Prof. R.A.Khan	Prof.C.M. Pandey	Estimating the Impact of Blockchain Models for Securing Electronic Healthcare Records: Super Speciality Hospital Perspective	

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 computational technique	Pwd NFST
2	Mohd. Nadeem	Prof. R.A.Khan	Dr. Rajeev Kumar	Evaluating software security through quantum techniques	Non-Net fellowship
3	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
4	Jasleen Kaur	Dr. Alka		Design and Development of a Mechanism to Secure Data in Fog-based IoT Environment	MANF

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: valnearabilityassessment 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	Anshita Singh	Dr. Raj Shree	Dr. Uttam Kumar	Neural Pattern Recognition in Children with Psychiatry Disorder",	DST
8	NehaYadav	Dr. P.K. Chaurasia		Security Enhancement of Connected and Autonomous vehicles: Multi Criteria Decision Making and Blockchain Approach	Non-Net Fellowship
9	Satish Kumar	Dr. P.K. Chaurasia		Improving security of medical image transmission: Fuzzy-AHP Approach	Non-Net Fellowship
10	Sabita Khatri	Dr. Alka		Development of Blockchain Framework to Secure Electronic Health Records: COVID-19 Perspective	Non-Net fellowship
11	Vishal	Dr. Alka		Classification and Prediction of Diseases using Machine Learning Techniques in Healthcare Domain	Non-Net Fellowship
12	Jaya Yadav	Dr. Amit Kumar Singh		Stochastic Modeling for Optimizing Traffic Steering in O-RAN	Non-Net Fellowship

13	Apoorva Singh	Dr. Raj Shree		Zero Shot Image Classification Using Pseudo lables	Non-Net Fellowship
14	Ashwani Kant Shukla	Dr. Raj Shree		Design a Fusion-based Framework for Despeckling of Synthetic Aperture Rader(SAR)	Non-Net Fellowship
15	Baljeet Ram	Dr. Amit Kumar Singh		Optimizing Performance and Energy Efficiency in O-RAN	NFSC(RGNF)
16	Anuj Kumar	Dr. Alka		Security in Digital Forensic using Block-Chain	Non-Net Fellowship
17	Vipin Kumar	Dr. Amit Kumar Singh		QosBased Resource Allocation in marco/micro cells under O-RAN	Non-Net Fellowship
18	Richa Kesharwani	Dr.Dhirendra Pandey		Machine and deep learning approaches for the effective classification of remote sensiningimages	Non-Net Fellowship
19	Mausmi Devi	Prof.R.A. Khan		Cyber Security in Healthcare Big Data	Non-Net Fellowship

11. Google profile of the faculty:

i. **Dr. Dhirendra Pandey**
Citations 1029
h-index 16
i10- index 29

ii. **Prof. R.A. Khan**
Citations 3932
h-index 31
i10- index 117

iii. **Dr. Raj Shree**
Citations 793
h-index 17
i10- index 25

iv. **Dr. Pawan Kumar Chaurasia**
Citations 234
h-index 8
i10- index 5

v. **Dr. Alka**
Citations 2254
h-index 25
i10- index 62

vi. **Dr. Amit Kumar Singh**
Citations 130
h-index 7
i10- index 6

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 is always looking for the next generation of law students to join the various academic programs offered by the School of Legal Studies, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow.

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 10 in Department of Human Rights; LL.M. Course is 36 during the session 2022-23 out of which number of **open** category students is 10, EWS category students is 01; 01 PH Category students and students belonging to SC/ST category are 19 and Paid Seats students are 05.

In Ph.D. course there is a one semester Pre-Ph.D. Research Course Work for the scholars. Besides Research Methodology-I & II, two Advance Papers 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. One Computer lab and Library at School level.
vi. Computers have been provided to all the teachers.
vii. Three LCD projectors and one Laptop are available for students' classes and conference hall.
viii. 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. One Day National Seminar to commemorate **'Human Rights Day'** on the topic of "**Human Rights: Dignity, Freedom and Justice for All**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow in collaboration with Uttar Pradesh Human Rights Commission on December 10, 2022.

ii. One Day Awareness cum Sensitisation Workshop to commemorate the **'National Girl Child Day'** on the theme "**Health & Hygiene**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on January24, 2023.

iii. One Day International Webinar to Commemorate the **'International Women's Day'**on the theme "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" organized by Dept. of Human Rights, School of Legal Studies, BBAU, Lucknow on March07, 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:

a. **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 KushwahandDr.RashwetShrinkhalas 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.

b. **LEGAL AID CLINIC:**

The Department has a Legal Aid Clinic with Prof. Shashi Kumar as Chairperson, Dr.Ajay Singh Kushwahas 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.

c. **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.

d. **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 One Day National Seminar on the topic "**Human Rights: Dignity, Freedom and Justice for All**" by **Hon'ble Mr. Justice P.K. Srivastava, Chairman, State Law Commission of Uttar Pradesh, Lucknow** as Chief Guest in National Seminar on December 10, 2022.
ii. Organised Guest Lecture on One Day National Seminar on the topic "**Human Rights: Dignity, Freedom and Justice for All**" by **Prof. D.N.N.S. Yadav (Retd.), Faculty of Law, University of Lucknow, Lucknow** as Keynote Speaker in National Seminar on December 10, 2022.
iii. Organised Guest Lecture on One Day National Seminar on the topic "**Human Rights: Dignity, Freedom and Justice for All**" by **Dr. Sujit Kanoon, Associate Professor, NLU, Odisha** as Guest Speaker on December 10, 2022.
iv. Organised Guest Lecture on One Day National Seminar on the topic "**Human Rights: Dignity, Freedom and Justice for All**" by **Dr.Bhanu Pratap, Assistant Professor, Faculty of Law, University of Lucknow, Lucknow** as Guest Speaker on December 10, 2022.
v. Organised Guest LectureonOne Day Awareness cum Sensitisation Workshop on the topic of "**Health & Hygiene**" by **Prof. Sunita Mishra, Dean, School of Home Science, Chief Vigilance Officer, BBAU, Lucknow**as Chief Guest in Workshop on January 24, 2023.
vi. Organised Guest LectureonOne Day Awareness cum Sensitisation Workshop on the topic of "**Health & Hygiene**" by **Dr. Noopur Bajpai, MBBS, MS (OBS, & Gynaecologist), Maulana Azad Medical College Delhi, Chief Medical Director, Vasundhara IVF, Lucknow**asKeynote Speaker in Workshop on January 24, 2023.
vii. Organised Guest LectureonOne Day Awareness cum Sensitisation Workshop on the topic of "**Health & Hygiene**" by **Dr. Asheesh Pratap Singh, MBBS, MD (Pediatrics), MIAP, Managing Director Vasundhara IVF,Lucknow**asGuest of HonourinWorkshopon January 24, 2023.
viii. Organised Special Lectureon the occasion of "National Voter's Day' on the topic of "**Representation and Electoral/Voting Behaviour**" by **Prof. Shashi Kant Pandey, Professor, Department of Political Sciences, BBAU, Lucknow** as Keynote Speaker in Special Lecture on January 25, 2023.
ix. Organised Special Lectureon the occasion of "National Voter's Day' on the topic of "**Representation and Electoral/Voting Behaviour**" by **Dr. Sanjay Kumar, Associate Professor, Political Science, CSSP, Kanpur and Yuveraj Dutta P.G. College, Sitapur Road, Lakhimpur-Kheri, Coordinator, CSSP, Kanpur** as Guest Speaker in Special Lecture on January 25, 2023.
x. Organised Guest Lectureon One Day International Webinar on the topic of "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" by **Prof. (Dr.) Antonietta Elia, Former Senior Associate of Law, University of Santiago de Compostela, Spain**as Chief Guest in International Webinar on March 07, 2023.
xi. Organised Guest LectureonInternationalWebinar on the topic of "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" by **Dr.Saslina Kamaruddin, AssociateProfessor, Sultan Idris EducationUniversity, Malaysia**as Keynote Speaker in International Webinar on March 07, 2023.
xii. Organised Guest LectureonInternationalWebinar on the topic of "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" by **Dr. Aneeta Yadav, Assistant**

Professor,Campus Law Centre, University of Delhi. Delhias Guest Speaker in International Webinar on March 07, 2023.

xiii. Organised Guest LectureonInternationalWebinar on the topic of "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" by **Dr. Swati Singh Parmar, Assistant Professor, Dharmshastra National Law University, Jabalpur, M.P.**as Guest Speaker in International Webinar on March 07, 2023.

7. Details of the memorandum of Understanding signed with national/foreign Institutions, if any

i. MOU with Indian Law Institute, Delhi, Department Contemporary and Tribal Customary Law (DCTCL), Central University of Jharkhand and Dr. Shakuntla Mishra National Rehabilitation University, Lucknow (under process)

8. 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.

9. Visitors of Department from inside the Country (01/04/2022 – 31/03/2023)

i. Hon'ble Mr. Justice P.K. Srivastava, Chairman, State Law Commission of Uttar Pradesh, Lucknow on December 10, 2022.
ii. Prof. D.N.N.S. Yadav (Retd.), Faculty of Law, University of Lucknow, Lucknow on December 10, 2022.
iii. Dr. Sujit Kanoon, Associate Professor, NLU, Odisha on December 10, 2022.
iv. Dr. Bhanu Pratap, Assistant Professor, Faculty of Law, University of Lucknow, Lucknow on December 10, 2022.
v. Prof. Sunita Mishra, Dean, School of Home Science, Chief Vigilance Officer, BBAU, Lucknow on January 24, 2023.
vi. Dr. Noopur Bajpai, MBBS, MS (OBS, & Gynaecologist), Maulana Azad Medical College Delhi, Chief Medical Director, Vasundhara IVF, Lucknow on January 24, 2023.
vii. Dr. Asheesh Pratap Singh, MBBS, MD (Pediatrics), MIAP, Managing Director Vasundhara IVF, Lucknow on January 24, 2023.
viii. Prof. Shashi Kant Pandey, Professor, Department of Political Sciences, BBAU, Lucknow on January 25, 2023.
ix. Dr. Sanjay Kumar, Associate Professor, Political Science, CSSP, Kanpur and Yuveraj Dutta P.G. College, Sitapur Road, Lakhimpur-Kheri, Coordinator, CSSP, Kanpur on January 25, 2023.
x. Dr. Aneeta Yadav, Assistant Professor, Campus Law Centre, University of Delhi. Delhi on March 07, 2023.
xi. Dr. Swati Singh Parmar, Assistant Professor, Dharmshastra National Law University, Jabalpur, M.P. on March 07, 2023.

10. Visitors of Department from Outside the Country (01/04/2022 – 31/03/2023)

i. Prof. (Dr.) Antonietta Elia, Former Senior Associate of Law, University of Santiago de Compostela, Spain on March 07, 2023.
ii. Dr.Saslina Kamaruddin, Associate Professor, Sultan Idris Education University, Malaysia on March 07, 2023.

11. 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 Seminars** etc. 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) Member School Board, Central University of Punjab, Bhatinda
b) Member Research Advisory Committee, Dept. of Law, Tripura University, Agartala.
c) Life member of Indian Society of Criminology (ISC), Chennai **(Membership No. 1324)**
d) Life member of Indian Society of Victimology (ISC), Chennai
e) Life Member of Indian Association for Women's Studies, New Delhi **(Membership No.** 27-L-0151
f) Life member of Indian Association for Social Sciences and Health, (IASSH), Bombay **(Membership ID 292)**
g) Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P **(Membership No. L85)**
h) Life member of Vidhi Bharti Parishad, New Delhi, **(Membership No. 185)**
i) Ordinary member of Indian Law Institute, New Delhi, **(Membership No. O 4089)**
j) Associate member of Indian Society of International Law. New Delhi, **(Membership No. A45)**

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.

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.

12. Details of Books written/edited by faculty members:

i. **Dr. Rashida Ather** edited book titled on **"Dr. B.R. Ambedkar's Vision and Contribution for Women Empowerment"** in *Dr. Ambedkar's Vision on the Indian Contribution-Comprehension, Significance and Relevance* (Eds.) Dr. Rashida Ather and Dr.Lohans Kumar Kalyani, Rachnakar Publishing House, Delhi, 2023, pp. 176-184, ISBN: 978-93-91791-55-1.

ii. **Dr. Rashida Ather** edited book titled on **Mahila Sashaktikaran me Dr. Ambedkar ka AtulneeyaYogdan**" in *Dr. Bhimrao Ambedkar keSamvaidhanikVicharon ki Prasanggiktaewam Mahatva (Eds.) Dr. Rashida Ather and Dr.Lohans Kumar Kalyani, Rachnakar Publishing House, Delhi, 2023, pp. 9-18, ISBN:978-93-91791-56-8*

13. Details of Books Chapter in edited volume:

i. **Prof. Priti Saxena** published '**Right to Health: Indian Legislations and International Strategic Plan**' published in Socio-Economic Legal Problems & Solutions, Edited Book ISBN: 978-93-94424-35-7 pp. 13-27, Published by ABS Books, Budh Vihar, Phase-2, Delhi – 110086, 2022 with **Co-Author.**

ii. **Prof. Preeti Misra** published **Admissibility and Evidential Value of the Electronic Records**" in *Sesquicentennial Commemorative Volume of Indian Evidence Act* (Ed) Prof. (Dr) V. Kesava Rao, Dr Nachiketa Mittal & Shubham Srivastava, National University of Study and Research in Law Ranchi, 2022 Pp 250-262, **ISBN:** 978-81-952237-1-8 **(Co author)**

iii. **Prof. Preeti Misra**published*"Pandemic Full of Challenges for Women as Frontline Workers around the World"* ***in*** **Frontline Workers and Women as Warriors in the Covid-19 Pandemic *(Ed) R.C. Sobti & Vipin Sobti,* Routledge India, London, 29 September 2022 Ist Edition Chapter 16 Pp10** e book ISBN**:** 9781003324515 DOI https://doi.org/10.4324/9781003324515.

iv. **Dr. Rashida Ather** published book chapter titled on **"Impact of Covid -19 on Women with Disabilities in India: An Analysis with Reference to Right to health**" in *Post Covid-19 New Challenges and Strategies* (Eds.) Dr. Aslam Y. Surriya and Dr. Roshan A. Fulkar, Tran Publication, New Delhi, 2023, Pp 68-74, **ISBN:** 978-93-92313-62-2

v. **Dr. Rashida Ather** published book chapter titled on "Issues and Challenges of Child Begging and Rehabilitation and Reintegration of Child Beggars by Child Care Institutions: An Analysis from Indian Perspective" in Life of Children at Child Care Institutions in India- A Hidden Truth (Eds) Dr. Raj kumar Yadav and Mr. Rahul S.K. Satyam Law International, New Delhi, 2023, pp.149-166, ISBN: 978-81-19121-01-4

vi. **Dr. Rashida Ather** edited book titled on**"Dr. B.R. Ambedkar's Vision and Contribution for Women Empowerment"** in *Dr. Ambedkar's Vision on the Indian Contribution-Comprehension, Significance and Relevance* (Eds.) Dr. Rashida Ather and Dr.Lohans Kumar Kalyani, Rachnakar Publishing House, Delhi, 2023, pp. 176-184, ISBN: 978-93-91791-55

vii. **Dr. Rashida Ather** edited book titled on"**Mahila Sashaktikaran me Dr. Ambedkar ka AtulneeyaYogdan**" in *Dr. Bhimrao Ambedkar keSamvaidhanikVicharon ki Prasanggiktaewam Mahatva (Eds.) Dr. Rashida Ather and Dr.Lohans Kumar Kalyani, Rachnakar Publishing House, Delhi, 2023, pp. 9-18, ISBN:978-93-91791-56-8*

14. Paper Published during the year by the faculty members (during 01/04/2022 – 31/03/2023)

i. **Prof. Priti Saxena** paper published on the topic '**लोकतंत्र चुनाव में मतदाता को उम्मीदवार के संबंध में जानने का मानव अधिकार' Journal** of NHRC Naidishayen, 2022 (Included in the UGC-CARE Reference List of Quality Journals) at 134-138pp

ii. **Prof. Preeti Misra**paper published on the topic of "**Study of Climate Change and its Impact on Women's Health: A Legal Analysis**" in **"**Asian Journal of Organic & Medicinal Chemistry", Vol.7 No.2 (April-June), Special Issue- IV 2022, UGC Care Approved Journal, Pp 337-336 (ISSN online: 2456-8937) (Co-Author) http://ajomc.asianpubs.org/.

iii. **Dr. Rashida Ather** paper published on the topic **भारत में दिव्यांग व्यक्ति - स्तिथि, चुनैतियाँ और समाधान** in Kanpur Philosophers, Vol. IX, Issue I (B), ISSN: 2348-8301, UGC CARE Listed (Group I) pp. 524-531, July, 2022, www.kanpurhistorians.org

iv. **Dr. Rashida Ather** paper published on the topic "**Human Right to Adequate Housing: A Study from the Perspective of United Nations"**in IJFAN- International Journal of Food and Nutritional Sciences, ISSN: online 2320-7876, UGC CARE Listed (Group I) Vol. 11, Issue 8, August, 2022

v. **https://ijfans.org/issue-content/the-human-right-to-adequate-housing-a-study-from-the-perspective-of-the-united-nations-3291**

vi. **Dr. Rashida Ather** paper published on the topic **"Nutrition for All: Exploring the Right to Food in India"** in IJFAN- International Journal of Food and Nutritional Sciences, ISSN: online 2320-7876, UGC CARE Listed (Group I) Vol. 11, Issue 11, November, 2022,

vii. https://ijfans.org/issue-content/nutrition-for-all-exploring-the-right-to-food-in-india-4657

viii. **Dr. Rashida Ather** paper published on the topic **"A Comparative Study of Internet Addiction Among Higher Secondary School Students"** in International Journal of Early Childhood Education, UGC CARE Approved ISSN: 1308-5581, October- December, 2022.

ix. **Dr. Rashida Ather** paper published on the topic कुरीतियों और अस्वस्थ परम्पराओं की शिकार होती भारतीय महिलाएँ In अपनी माटी, no. 46, January- March, 2023 E- ISSN:2322-0724, www.apnimati.com

x. **Dr.RashwetShrinkhal**paper published on the topic **"Land, CANZUS, and Indigenous People"** in NUSRL Journal of Law and Policy, UGC CARE Approved ISSN: 23499982, Peer Review, 2023.

15. Attended/participated in Conferences/seminar/workshop inside Country:

i. **Prof. Priti Saxena, Presided over** and presented on **'Different Issues and Dimensions on Women'** in the **International Webinar** on the eve of International Women Day March 7th, 2023, organised by Department of Human Rights, School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. **Prof. Preeti MisraChaired a technical session** for law papers in **UCOST sponsored International Conference** on April 23, 2022 organized by Quantum University, Roorkee

iii. **Prof. Preeti MisraPaper Presentation** "Women in Clean Energy, Climate Change Mitigation and Environmental Protection" at **the International Energy Law Colloquium** organised by the Centre for Energy and Telecommunication Laws of **Maharashtra National Law University, Nagpur** held on **July 16, 2022**, through virtual mode **(Co presenter)**

iv. **Prof. Preeti MisraPaper Presentation** "Indigenous Women and Traditional Knowledge in the Context of Climate Change" in an **International Conference** on Interdisciplinary Aspects Relating to IPR, Technology and Competition Law 2022 organized by Dept of Law, Maharaja Agrasen Institute of Management Studies in Collaboration with MICHR, Mediterranean University of Reggio Calabria, Italy and Federal District University Centre (UDF) Brazil on **29-30 September 2022 (Co presenter)**

v. **Prof. Preeti MisraChaired Technical Session** II in National Seminar on the theme "Inclusiveness of the Differently Abled Women: Challenge and Opportunities in India" December 30-31, 2022 Supported by National Commission for Women (NCW), New Delhi organised by Committee of Basic Facilities for Women, Gender Champions Committee, AKAM & NCC Unit, Babasaheb Bhimrao Ambedkar University, Lucknow on **30 December 2022**

vi. **Prof. Preeti MisraChairperson of Technical Session-1** of the **National Seminar on *Right to Privacy and Data Protection in Digital Era- Issues and Challenges* (Hybrid)** organized by Amity Law School, Lucknow Campus on **16th - 17th February 2023.**

vii. **Prof. Preeti MisraChaired Technical Session** III in National Seminar on the theme ***"Rehabilitation of People With Disabilities : Early Identification And Interventions"*** Sponsored by Department of Empowerment of Persons with Disabilities, Govt. of U.P. and organized by Babasaheb Bhimrao Ambedkar University, Lucknow on **24 March 2023.**

viii. **Prof. Preeti Misra** Presided over an Awareness Programme on World IPR Day (WIPRD) organized by Law Dept. BBAU on **26 April 2023.**

ix. **Dr. Rashida Ather** Presented a paper Human Rights of Child Beggars in India in one day National Seminar on Human Rights: Dignity, Freedom and Justice for All, on 10 December, 2022 organised by Department of Human Rights, School of Legal Studies, BBAU, Lucknow.

x. **Dr. Rashida AtherPaper presented** in National Seminar on Poverty and Disability as the root cause of Child Begging in India: An Analysis with Human Rights Perspective the theme Inclusiveness of the differently abled women: Challenges and opportunities in India" December 30-31, 2022 Supported by National Commission for Women (NCW), New Delhi organised by Committee of Basic Facilities for Women, Gender Champions Committee, AKAM & NCC Unit, Babasaheb Bhimrao Ambedkar University, Lucknow on **31 December 2022**

xi. **Dr. Rashida Ather** Presented a paper 10th January, 2023 One Day Seminar on The Concept of Social Justice and Its Contemporary Dimensions on University Day January 10, 2023 Organized by Babasaheb Bhimrao Ambedkar University, Lucknow

xii. **Dr. Rashida Ather** Participated special lecture on voters day organised by DHR, SLS, BBAU in January

xiii. **Dr. Rashida Ather** Participated in special lecture on 25th February, 2023 on voters day

xiv. **Dr. Rashida Ather** Presented a paper Women, Disability and Human Rights in One day international webinar on Realization of Women's Rights in 221stCentuary: Achievements, Challenges and Possibilities on the eve of International Women's Day on 7th March, 2023 organized by Department of Human Rights, School of Legal Studies, BBAU, Lucknow.

xv. **Dr. Rashida AtherPaper presented on United Nations Framework on the Protection of Rights of Persons with Disability** in National Seminar on the theme ***"Rehabilitation of People with Disabilities: Early Identification and Interventions"*** Sponsored by Department of Empowerment of Persons with Disabilities, Govt. of U.P. and organized by Babasaheb Bhimrao Ambedkar University, Lucknow on **24 March 2023.**

xvi. **Prof. Shashi Kumar** Director on One Day National Seminar to commemorate Human Rights Day on the theme "Human Rights: Dignity, Freedom and Justice for All" on 10th December, 2022 in DHR, SLS, BBAU, Lucknow with collaboration Uttar Pradesh Human Rights Commission.

xvii. **Prof. Shashi Kumar** Director on One Day Awareness cum Sensitisation Workshop on **Health & Hygiene** to commemorate the "National Girls Child Day" on 24th January, 2023 in DHR, SLS, BBAU, Lucknow.

xviii. **Prof. Shashi Kumar** Director on One Day International Webinar on "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" on the eve of "International Women's Day" on 08th March, 2023 in DHR, SLS, BBAU, Lucknow.

xix. **Dr. Ajay Singh Kushwah**Joint Secretary on One Day National Seminar to commemorate Human Rights Day on the theme "Human Rights: Dignity, Freedom and Justice for All" on 10th December, 2022 in DHR, SLS, BBAU, Lucknow with collaboration Uttar Pradesh Human Rights Commission.

xx. **Dr. Ajay Singh Kushwah**Convener on One Day Awareness cum Sensitisation Workshop on **Health & Hygiene** to commemorate the "National Girls Child Day" on 24th January, 2023 in DHR, SLS, BBAU, Lucknow.

xxi. **Dr. Ajay Singh Kushwah**Convener on One Day International Webinar on "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" on the eve of "International Women's Day" on 08th March, 2023 in DHR, SLS, BBAU, Lucknow.

xxii. **Dr. Ajay Singh Kushwah O**rganising Committee for International Science congress on "**Rural Technology and Development (ISCRTD- 2023)**"organized by Department of Management Studies, BBAU. Lucknow from 15th to 17th February, 2023.

xxiii. **Dr. Ajay Singh Kushwah**participated in Guru Dakshta (Orientation Programme/Faculty Induction Programme) from 14th June, 2022 to 11th July, 2022 organised by UGC-HRDC & University of Lucknow.

xxiv. **Dr.RashwetShrinkhal**OrganisingSecretary on One Day National Seminar to commemorate Human Rights Day on the theme "Human Rights: Dignity, Freedom and Justice for All" on 10th

December, 2022 in DHR, SLS, BBAU, Lucknow with collaboration Uttar Pradesh Human Rights Commission.

xxv. **Dr.RashwetShrinkhal**Co-Convener on One Day Awareness cum Sensitisation Workshop on **Health & Hygiene** to commemorate the "National Girls Child Day" on 24th January, 2023 in DHR, SLS, BBAU, Lucknow.

xxvi. **Dr.RashwetShrinkhal**Co-Convener on One Day International Webinar on "**Realisation of Women's Rights in 21st Century: Achievements, Challenges and Possibilities**" on the eve of "International Women's Day" on 08th March, 2023 in DHR, SLS, BBAU, Lucknow.

16. Attended/participated in Conferences/seminar/workshop outside Country

i. **Prof. Priti Saxena,Keynote Speaker** in the International Online Digital Economy and Law Conference on 'Digital Sovereignty & Digital Business Potential: Current Legal Issues' organized by **Business Law Department, Law Faculty, Lomonosov Moscow State University, Moscow, Russia** and spoke on '**Indian Perspective on Digital Sovereignty'**on 25 November 2022 https://disk.yandex.ru/i/nigPwlxNsXoyCQ

ii. **Prof. Priti Saxena,** Participated in the Webinar series (2, 9 and 16 March 2023) organised by Teaching and Researching International Law in Asia TRILA Human Rights, and Centre for International Law, **National University Singapore.**

17. Consultancy works, if any

i. Legal Aid Clinic provides free legal consultancy.

18. Details of MOOC/ online courses developed by the faculty

i. **Prof. Priti Saxena**
https://studio.youtube.com/channel/UCTDkRljszM3nKFyNYWI1EwA/analytics/tab-overview/period-default

19. Details of invited lectures inside country:

i. **Prof. Priti Saxena, Chaired** a Technical Session in the Two Days National Seminar on **"Rehabilitation of People with Disabilities: Early Identification and Interventions"** organized by BBA University, Lucknow under Sponsorship of Department of Empowerment of Persons with Disabilities, Govt. of Uttar Pradesh on 24-25 March, 2023.

ii. Delivered a lecture as **Resource Person** on Human Rights to NSS Coordinators from various Universities and Colleges in UP. Program organised by INDIA LITERACY BOARD, a world-famous Educational Institution working for Adult Education, Kaushal Vikas and National Service Scheme on **1st March 2023.**

iii. **Prof. Priti Saxena,Keynote Speaker** in Two Days **National Seminar** on "Right to Privacy and Data Protection in Digital Era: Issues and Challenges" organised by Amity Law School Amity University Lucknow on 16 February 2023

iv. **Prof. Priti Saxena, Keynote Speaker** in Inaugural Session in National Seminar organised by Faculty of Law University of Lucknow under the aegis of Research and Development Scheme, Department of Higher Education, UP Government on the topic "An Evaluation of the use of Assisted Reproductive Technology in Lucknow" on January 7, 2023.

v. **Prof. Priti Saxena, Addressed as Patron** National Seminar on 'Human Rights: Dignity, Freedom and Justice to All' organised by Department of Human Rights, BBA University on 10th December, 2022.

vi. **Prof. Priti Saxena, Delivered lecture** on 'Technological Challenges and the Constitution of India' School of Law, **University of Kashmir** on 2nd December, 2022

vii. **Prof. Priti Saxena, Chaired** Technical Session in National Conference on 'Increasing Relevance of CEDAW' organised by School of Law, **University of Kashmir** on 1st December, 2022

viii. **Prof. Priti Saxena, Guest of Honour** in Valedictory Session in National Seminar on Right to Know, Media Reporting and Judicial Independence: Issues and Challenges' organised by Vasudev College of Law, Haldwani, Uttrakhand on 27 November 2022.

ix. **Prof. Priti Saxena, Keynote Speaker** in Inaugural Session in National Seminar on Right to Know, Media Reporting and Judicial Independence: Issues and Challenges' organised by Vasudev College of Law, Haldwani, Uttrakhand on 26 November 2022.

x. **Prof. Priti Saxena, Keynote Speaker** in National Seminar on Constitution Day, 26 November 2022, India: Mother of Democracy, organised by School of Law, Uttrakhand Open University,

Haldwani, Uttrakhand, on 26 November, 2022

xi. **Prof. Priti Saxena, Delivered lecture** on 'Current Issues in Constitutional Law' in Faculty of Law, SSJ University, Almora, Uttrakhand, on 21 November, 2022

xii. **Prof. Priti Saxena, Keynote Speaker** in Judicial Conference on Human Trafficking Gender Justice and Upliftment of Weaker Sections of the Society, organised by Uttrakhand Judicial and Legal Academy, Bhowali, Nainital on 19 November, 2022.

xiii. **Prof. Priti Saxena,** Delivered Lecture as **Chief Guest** on **'Freedom of Speech and Expression and Electronic Media'** in the 4th National Quiz on Constitutional Law organised by Amity Law School, Amity University, Lucknow on 27 September 2022

xiv. **Prof. Priti Saxena,** Delivered a lecture on Human Rights to NSS Coordinators from various Universities and Colleges in U.P. organised by India Literacy Board a world Famous Educational Institution of Adult Education, Lucknow on August ,6, 2022.

xv. **Prof. Priti Saxena,** Chaired a Technical Session in National Seminar on 'The Philosophy of Bhagwat Gita and its Embodiment in the Indian Constitution' (7-9 April, 2022) organised by Amity Law School, Amity University Lucknow in collaboration with Indian Council of Philosophical Research Delhi on April 8, 2022.

xvi. **Prof. Priti Saxena,** Delivered a lecture on 'Human Rights' in Faculty Induction Program organised by UGC HRDC **Kumaun University Nainital** on21st March, 2023.

xvii. **Prof. Priti Saxena,** Delivered a lecture on 'Fundamental Duties in Faculty Induction Program organised by UGC HRDC **Kumaun University Nainital** on21st March, 2023.

xviii. **Prof. Priti Saxena,** Delivered a lecture on 'Women Rights, in Short Term Course on Gender Studies organised by UGC HRDC **Kumaun University Nainital** on 4th March, 2023.

xix. **Prof. Priti Saxena,** Delivered lecture on 'Cyber Crimes, Women and Law' in Refresher Course on Women Studies organised by UGC-Human Resource Development Centre, **BHU, Varanasi** on January 23rd, 2023.

xx. **Prof. Priti Saxena,** Delivered lecture on 'Human Rights, Constitutional Rights and Legal Rights of Women' in Refresher Course on Law and Legal Rights of Women organised by UGC-Human Resource Development Centre, **Ranchi University, Ranchi** on January 17th, 2023.

xxi. **Prof. Priti Saxena,** Delivered Keynote speech in the Inaugural Session on 'Cyber Feminism: The Fourth Wave of Feminist Movements' in Refresher Course on Gender Studies organised by UGC-Human Resource Development Centre, **Jamia Milia Islamia** University, Delhi on December 29th, 2022. https://youtu.be/Rg-lyF66tow

xxii. **Prof. Priti Saxena,** Delivered Lecture on 'Human Rights' on 10 December 2022 in Faculty Induction Program from 30 November 2022– 30 December 2022 at the UGC-Human Resource Development Centre, **Kumaun University, Nainital.**

xxiii. **Prof. Priti Saxena,** Delivered two lecture on 'Relevance of Fundamental Duties in Higher Education' in Faculty Induction Program organised by UGC HRDC **Allahabad University,**Prayagraj on 12 September, 2022. https://youtu.be/u_BikoUUN4k

xxiv. **Prof. Priti Saxena,** Delivered a Lecture on 'Cyber Crimes and Women' on 30 July 2022 in Faculty Development Program organised by **Bennet University,** Greater Noida on "Gender Research and Social Change" from July 27- August 3, 2022. https://youtu.be/A7qP6bXSTvM

xxv. **Prof. Priti Saxena,** Delivered Lecture on 'Factors and Dimensions of Vulnerability and their Human Rights' on 25 July 2022 in Short Term Course in Human Rights from 21 July 2022– 27 July 2022 at the UGC-Human Resource Development Centre, **Kumaun University, Nainital**. https://youtu.be/_IFUpn2Bafc

xxvi. **Prof. Priti Saxena,** Delivered a lecture on 'Protection of Human Rights of Vulnerables' on 25 July 2022 in Short Term Course in Human Rights from 21 July 2022– 27 July 2022 at the UGC-Human Resource Development Centre, **Kumaun University, Nainital**https://youtu.be/ijC-t4neR-4

xxvii. **Prof. Priti Saxena,** Delivered a Lecture on 'Uniform Civil Code and Family Laws-Constitutional Perspective' as Chief Guest in the Inaugural Session on 11 July 2022 in Faculty Development Program organised by **JEMTEC School of Law, New Delhi.** https://youtu.be/HKw_VG5v9Zg

xxviii. **Prof. Priti Saxena,** Delivered a lecture 'Teaching Constitutional Law' as Guest of Honour in the Valedictory Session in 4th National Faculty Development Program (20-26 June 2022) organised by Amity Law School, **Amity University, Lucknow**. (Hybrid Mode)

xxix. **Prof. Priti Saxena,** Delivered a lecture on 'Fundamental Duties and their Enforceability', in Faculty Induction Program organised by UGC HRDC Kumaun University Nainital on 15 June 2022 https://youtu.be/Sk_h1PXKUlI

xxx. **Prof. Priti Saxena,** Delivered a lecture on 'Career Opportunities in Legal Education and Advocacy Skills' organised by Faculty of Juridical Studies, Rama University Kanpur on 30th April 2022. https://youtu.be/avle1_Kw0YY

xxxi. **Prof. Priti Saxena,** Delivered a lecture on 'HR and Technological Developments: Some Issues' organised by Department of Law, School of Legal Studies, **Central University Kashmir** on 23rd April 2022. https://youtu.be/F7LDFKGkcEQ

xxxii. **Prof Preeti Misra**, Dept. of Human Rights, School of Legal Studies today on 21 June 2022 delivered a Lecture on the topic "Reducing Inequalities-Advancing Human Rights : Changing Dimensions of Constitutional Rights to Women in India" in 4th National FDP Progm "Emerging Contours of Constitutional Law & Human Rights" organized by Amity Law School, Amity University, Lucknow Campus from **20-26 June 2022**

a. https://m.facebook.com/story.php?story_fbid=pfbid02DuB6kBmFTU7hmPSoEBcPwp16A4hLmuRtEDd7soMc3rRg6go3fMdGAUgj7R7f9zvEl&id=100064713904627

xxxiii. **Prof Preeti Misra**, Dean. Dept. of Human Rights, School of Legal Studies on 8 July 2022 delivered a lecture on the topic "Growing Cyber Crime Against Women: Issues, Challenges and Safety Provisions" organized by UGC-HRDC, Dr Hari Singh Gour University, Sagar, M.P.,

a. https://m.facebook.com/story.php?story_fbid=pfbid0Z2Xpk7G5GaK1dHWnTBMgcGZ6p2qWcKCih9aoWwuS4EUgtfyD1XKXZKbD8Lgk9bi9l&id=100064713904627

xxxiv. **Prof Preeti Misra**, Dean, Dept of Human Rights, School of Legal Studies delivered a lecture in an awareness programme on the topic " Legal Rights of Persons With Disabilities in India" organized by P&O department of Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities (CRC)-Lucknow (PDUNIPPD, DEPwD, Ministry of Social Justice & Empowerment, Govt. of India)

a. https://m.facebook.com/story.php?story_fbid=pfbid02qDCR8sd95vHRyP6Y7bo69HTEFyxc9odkS2qPQ59NX97yEuN5hxuds2r6hUUqCxcSl&id=100064713904627

xxxv. **Prof Preeti Misra**, Dean Dept of Human Rights, School of Legal Studies delivered a lecture on the topic "*Sociological, Philosophical and Constitutional Aspects of Crime Against Women*" in a Two Day Conference on "Gender Justice and Differently Abled Victims /Survivours of Sexual Abuse" organised by Judicial Training &Research Institute, U.P., Lucknow

a. https://m.facebook.com/story.php?story_fbid=pfbid02GkrXj6rGkFhPN2inBj8i8SA5rpwYX9Zsxj7pCF4Jv5SkbJ5XVGrPEFdta7L9Q9ykl&id=100064713904627

xxxvi. **Prof Preeti Misra**, Head & Dean. Dept. of Human Rights, School of Legal Studies on 28 July 2022 delivered a lecture on ""Career Aspects in Law" in a webinar organized by Information & Guidance Bureau, Babasaheb Bhimrao Ambedkar University, Lucknow,https://twitter.com/BbauSocialmedia/status/1552932767318417408?t=Ha5qtitfFgXNrARtZNU40g&s=19;
https://m.facebook.com/story.php?story_fbid=pfbid0SNGRe9kjcaMWSpsEpfJiS2qfAron8SoX4SpbpH9eGqWQheJ6xeBmS43SxQVKX8tcl&id=100064713904627

xxxvii. **Prof (Dr.) Preeti Misra**, Dept. of Human Rights, school of Legal Studies, delivered a Key Note Address on the topic "LEGAL DELINEATIONS OF CLIMATE CHANGE AND ITS IMPACT ON HUMAN RIGHTS OF WOMEN" on 23 September 2022 in an International Conference on "Humanity, Science and Technology" organized in Blend Mode by Sant Gahira Guru University, Sarguja, Ambikapur, Chattisgarh during 21-23 September 2022https://youtu.be/mAyQK78oVxE

xxxviii. **Prof Preeti Misra** PhD Course Work Lecture on "Rights of Parents to Claim Maintenance in the Light of Maintenance and Welfare of Parents Citizens Act, 2007" Organized by Dept. of Law, Kanpur University on 24 December 2022

xxxix. **Prof Preeti Misra** PhD Course Work Lecture on "Law of Adoption in India" Organized by Dept. of Law, Kanpur University on 20 January 2023

xl. **Prof Preeti Misra** PhD Course Work Lecture on "Provisions Relating to Cruelty and Dowry: Use and Misuse" Organized by Dept. of Law, Kanpur University **on 21 January 2023**

xli. **Prof Preeti Misra** Delivered an online invited lecture entitled " Artificial Intelligence: Legal and Ethical Issues" on 1st February 2023 in Plenary Session -1 "Management Practices and Legal

Framework for Facing Challenges" in SANMANTRANA 2023 (1st to 3rd February 2023) Multi-Disciplinary International Congress on Industry 5.0 and Paradigm Shift: Emerging Challenges organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in Association with St. Cloud State University, USA.

xlii. **Prof. Shashi Kumar** Delivered special lecture on topic "Dalit Human Rights: Assertion and Challenges" in the Indian Institute of Dalit Knowledge, Nagpur on 15-04-2023.

xliii. **Dr. Rashida Ather** Delivered lecture as organizing secretary in One day awareness cum sensitization workshop on health & hygiene to commemorate the National Girls Child Day on 24.01.2023

xliv. **Dr. Rashida Ather** Delivered Lecture on Types of Research and Writing of a Quality Research Paper in Value Added Course- A Basic Introduction to Gender Research Methodology organised by Department of Adult, Continuing Education and Extension, Mahatma Jyotibaphule Rohilkhand University, Bareli on 03/12/2022.

xlv. **Dr.RashwetShrinkhal**Delivered Lecture on UGC-HRDC"**Evolution of Human Rights**" organised by UGC-HRDC Nagpur on June, 2022.

xlvi. **Dr.RashwetShrinkhal**Delivered E-Lecture on "**Three generation of Human Rights**" organised by UGC-HRDC Nagpur on June, 2022.

xlvii. **Dr.RashwetShrinkhal**Delivered Lecture on "**Digital Human Rights: Perspectives**" organised by RML NLU and UP HRC on July, 2022.

xlviii. **Dr.RashwetShrinkhal**Delivered E-Lecture on "**Eugene Ehrlich and the living law**" organised by Department of Law, CSJMU, Kanpur on Sept., 2022.

xlix. **Dr.RashwetShrinkhal**Delivered E-Lecture on "**Tribal Spirituality, Religion and Justice**" organised by DHR, SLS, BBAU, Lucknow on November, 2022.

l. **Dr.RashwetShrinkhal**Delivered E-Lecture on "**Law of Sea**" organised by Department of Law, CSJMU, Kanpur on December, 2022.

li. **Dr.RashwetShrinkhal**Delivered E-Lecture on "**Indigenous Peoples and Sustainability**" organised by UGC-HRDC Utkal University on 2023.

20. Details of National Awards/fellowship

i. **Prof. Priti Saxena** awarded for**Research and Academic Excellence Award2022** conferred by BBAU Lucknow for publishing research work on 26th January, 2023**.**

21. 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

22. .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- 03	
Number of Students pursuing higher studies	Ph.D.	02
Number of student selected on other government jobs/banking/school/teaching etc	Teaching in Higher Education	04
Number of Students placed through campus interview	NA	
Number of Students awarded SLET/NET/JRF/RGNF/ any other fellowship	15 (NET)	

ii. Ph.D. Awarded during the year:

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	Shalini Singh Tomar	Prof. Priti Saxena	--	Access to Justice.	UGC- Non NET Fellowship	Registered in Department of Law
2.	Dr. Indu Bala	Prof. Shashi Kumar	--	Right to Sanitation in India: A Socio-Legal Study with Special Reference to Lucknow City, Uttar Pradesh	RGNF	
3.	Dr. Shiv Kumar	Prof. Preeti Misra	Dr. Rashida Ather	Privacy As A Human Right In The Digital Age: A Socio-Legal Study Of Social Media Users With Special Reference To Students Of Central Universities in Uttar Pradesh	UGC- Non NET Fellowship	

iii. Ph.D. Submitted 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	UGC- Non NET Fellowship	Ph.D. submitted in 17/01/2023
2.	Ms. Deepika Rani	Prof. Priti Saxena	Dr. Rashida Ather	बालशिक्षाएवंस्वास्थ्यकेमानवाधिकारपरकोविड-19 काप्रभाव: लखनऊशहरकेसन्दर्भमेंसामाजिकएवंविधिकअध्ययन	UGC- Non NET Fellowship	Ph.D. submitted in 24/05/2023

iv. Ph.D. student's pursuing:

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	
2.	Anurag Krishan Tiwary	Prof. Preeti Misra	Dr. Shashi Kumar	Status of Women Workers in Unorganised Sector- A Socio-Legal Study of Ranchi, Jharkhand	UGC- Non NET Fellowship	
3.	Jitendra Kumar Saroj	Prof. Preeti Misra	Dr. Shashi Kumar	सामाजिक कुप्रथाएं, अन्धविश्वास और महिला मानवाधिकार: जौनपुर जिले के सन्दर्भ	UGC- Non NET Fellowship	

				में एक सामाजिक एवं विधिक अध्ययन		
4.	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	
5.	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	
6.	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	
7.	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	
8.	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	UGC- Non NET Fellowship	
9.	Mr. Pranjal Kharbanda	Dr. Rashida Ather		Title is not decided to yet time	UGC- Non NET Fellowship	
10.	Mr. Kaushlendra Pratap Singh	Prof. Priti Saxena		Title is not decided to yet time	Mr. Kaushlendra was selected by UPSC Delhi and joined Puducherry Law.	

v. LL.M. Dissertations (Equivalent to M. Phil)Awarded in June 2022

Sl. No	Name of Students	Supervisor	Dissertation Title
1.	Shailja Shukla	Prof. Preeti Misra	Decriminalization of politics.
2.	Praveen Prakash Patel	Prof. Preeti Misra	Role of Judiciary in Protection of Right to Life and Personal Liberty
3.	Prashant Chauhan	Prof. Preeti Misra	An analytical study of Rape laws in India with special reference to marital Rape
4.	Abhishek Tripathi	Prof. Priti Saxena	Right to Health as Human Rights with Special Reference to COVID-19
5.	Anurag Srivastav	Prof. Preeti Misra	Penology- Reformative Theory (Socio Legal Study)

6.	Beauty Kumari	Prof. Preeti Misra	Is LokAdalat effective for Speedy Justice in India
7.	Manish Pandey	Dr. Shashi Kumar	Practice of Dowry & Laws against it in INDIA
8.	Anand Kumar Gupta	Prof. Preeti Misra	LGBTQ
9.	Rohit Kumar Chaubey	Dr. Rashida Ather	Custodial Torture in India: A Human Right Perspective
10.	Shivani Shukla	Prof. Priti Saxena	A Critcal Study of Cortoon Controversies Viz a Viz Freedom of Speech and Expression
11.	Digvijay	Dr. Shashi Kumar	" An Analytical Study of Police Reform in India Challenges & Opportunities with Justice System"
12.	Aprajita Apurva	Prof. Priti Saxena	Marital Rape: An Indignity to Women
13.	Shivangi Rastogi	Prof. Priti Saxena	Acid Attack on Women in India and Laws for their Rights
14.	Shiv Mohan Solanki	Dr. Vijay Kumar Bhaskar	Public Interest Litigation
15.	Himanshu Chaudhary	Dr. Shashi Kumar	Provision related to Domestic Violence Act, 2005
16.	Mayank Singh	Dr. Shashi Kumar	Free Speech
17.	Km Yogita	Dr. Rashida Ather	Disability Laws in India
18.	Vikash Kumar	Dr. Vijay Kumar Bhaskar	Socio Legal Problems of Refugees in India
19.	Suraj Kumar	Prof. Priti Saxena	Problem of Children's Education in COVID Period
20.	Sandeep Kumar Sonkar	Dr. Vijay Kumar Bhaskar	Custodial Violence
21.	Km Neetu Bharti	Dr. Vijay Kumar Bhaskar	Right to Food in International Law:Concept and Mechanism
22.	Pankaj Kumar	Dr. Vijay Kumar Bhaskar	Freedom of Press and Expression
23.	Kaushal Kishor	Dr. Vijay Kumar Bhaskar	Women's Rights National AND International Perspective
24.	Indra Mani Ram	Prof. Priti Saxena	Human Rights of Arrested Person: An Study in the Light of D.K. Basu Judgement and its Current Impact in the Lucknow City.
25.	Alok Kumar	Dr. Rashida Ather	Laws Relating To Custodial Violence In India : Role of The Indian Judiciary In Making Human Rights Jurisprudence.
26.	Ravi Kant	Dr. Rashida Ather	Right to Food
27.	Rashmee Verma	Dr. Shashi Kumar	The Five Tier System of India Administration Centre, States, District,Block and Panchayat Level
28.	Km Namita	Dr. Rashida Ather	A Journey of Women's 'Human Right
29.	Shubham Singh	Dr. Rashida Ather	Right to Bail with Special Reference to Article 21 of Constitution of INDIA: Assessing the Effectiveness and Applicability of Bail.
30.	Amarendra Ray	Dr. Vijay Kumar Bhaskar	Refugees Crisis and India
31.	Falak Kausar	Dr. Shashi Kumar	Recent Legal Developments

32.	Priya Kushwaha	Prof. Priti Saxena	A Study of Law on Sedition in the Light of Freedom of Speech and Expression Guaranteed by the Constitution of India.
33.	Priyanshi Hirwani	Prof. Preeti Misra	Health and HR
34.	Abesh Dasgupta	Dr. Rashida Ather	Right to Education of the Transgenders Community by India

vi. LL.M. Dissertations (Equivalent to M. Phil)Pursuing

Sl. No	Name of Students	Supervisor	Broad Area of Research
1.	Pavnesh Kumar	Prof. Priti Saxena	Sexual Harassment Against Women
2.	Ashish Raj	Prof. Priti Saxena	Constitutionalism and Transformative Constitutionalism
3.	Jyoti	Prof. Priti Saxena	Provision on Emergency under Constitution of India
4.	Divya Rai	Prof. Priti Saxena	An analytical Study of Human Rights under International Law
5.	Keertika Singh	Prof. Priti Saxena	Nuclear Liability Regime and Human Rights
6.	Mahima Srivastava	Prof. Priti Saxena	Women
7.	Rizwan Siddiqui	Prof. Priti Saxena	Hijab and Fundamental Rights in the light of Constitutionalism
8.	Saurabh Kumar Pandey	Prof. Preeti Misra	Any Constitutional Issue
9.	Sachin Singh	Prof. Preeti Misra	Criminal Law
10.	Swarnika Bhargav	Prof. Preeti Misra	Women Abortion Rights: A Comparative Study between India, USA & Iran
11.	Mohammad Tariq	Prof. Preeti Misra	Rule of Law
12.	Shalini Yadav	Prof. Preeti Misra	Legal Aid
13.	Navodita Verma	Prof. Preeti Misra	Women Exploitation and their Rights
14.	Premprakash	Prof. Shashi Kumar	Animal Cruelty law in India: An Analysis with Special Reference to cruelty to Animal Act, 1960
15.	Shivani Pandey	Prof. Shashi Kumar	Constitutional Rights of the Accused in India: A Critical Analysis
16.	Shalini Sonkar	Prof. Shashi Kumar	Women Rights
17.	Vishal	Prof. Shashi Kumar	Legal Aid
18.	Kripan Kumar Kaushal	Prof. Shashi Kumar	Right to Privacy and Data Protection
19.	Pallavi	Prof. Shashi Kumar	Women exploitation and Rights
20.	Shubham Yadav	Dr. Rashida Ather	Combating Terrorism: A Legal Study in the Indian Perspective
21.	Gauraw Pandey	Dr. Rashida Ather	Right Against Self Incrimination in India: A Legal Study with Human Rights Perspective
22.	Osho Upadhyay	Dr. Rashida Ather	Preventive Detention Laws in India: An Analytical Study with Human Rights Perspective
23.	Diksha Vishwakarma	Dr. Rashida Ather	Artificial Intelligence and Human Rights Covering the new technology
24.	Shurbhi Yadav	Dr. Ajay Singh Kushwah	Women Empowerment Issue
25.	Bhujbal Singh Yadav	Dr. Ajay Singh Kushwah	Right to Privacy
26.	Abhishek Priyadarshi	Dr. Ajay Singh Kushwah	Environment Law

27.	Ajay Kumar	Dr. Ajay Singh Kushwah	Legal Framework for Poverty Alleviation
28.	Radha Singh	Dr. Ajay Singh Kushwah	Women's Rape Punishment in India
29.	Vijay Kumar	Dr. Ajay Singh Kushwah	Women Security
30.	Prashansha Srivastava	Dr.RashwetShrinkhal	Venerable Groups
31.	Mohsin Asad	Dr.RashwetShrinkhal	Minority
32.	Vikas Kumar	Dr.RashwetShrinkhal	Linguistic Pluralism in India
33.	Shreshthi Gautam	Dr.RashwetShrinkhal	Scheduled Caste (Dalit Atrocities)
34.	Gireesh Chand	Dr.RashwetShrinkhal	Election Law
35.	Amit Kumar	Dr.RashwetShrinkhal	Cyberspace and Cribercrime: A Legal study
36.	Arvind Singh	Dr. Vijay Kumar Bhaskar	Law, Morality and Homosexuality
37.	Akanksha Bajpai	Dr. Vijay Kumar Bhaskar	An Itinerary of Human Trafficking to Human Right
38.	Nandini Rani	Dr. Vijay Kumar Bhaskar	Minorities
39.	Ritu Singh	Dr. Vijay Kumar Bhaskar	LGBTQ
40.	Ananya Verma	Dr. Vijay Kumar Bhaskar	Acid Attack on Women in India and Related laws
41.	Abhinav Kumar Gautam	Dr. Vijay Kumar Bhaskar	Subaltern and Law

23. 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_prod&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.
vi. The department is going to open different Centre's of excellence in area of Law and Governance, EnvironmentalLaw, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

2. Courses Offered:

i. LL.M.(Two Year Course)
ii. Ph.D.
iii. B.B.A. LL.B. (H) (Five Year Course)

3. Facilities available in the Department like Computer Lab, Departmental Library & Moot court etc: YES

4. Details of the faculty

i. Prof. Sanjeev Kumar Chadha
Head, Department of Law
Specialization: Law of Tort, Administrative Law. Intellectual Property Rights, Environmental Law
Qualification: LL.M. (Rohilkhand University Barailly), Ph.D. (Bundelkhand University, Jhansi)

ii. Prof. Sudarshan Verma
Professor,
Specialization: Constitutional Law, Law of Torts, Administrative Law, Women and Law
Qualification: LL.M., Ph.D. (Kumaun University, Nainital)

iii. Dr. Sufiya Ahmed
Associate Professor
Specialization: Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.
Qualification: LL.M. , (BHU) Ph.D.(BBAU) (NET-JRF)

iv. Dr. Anis Ahmad
Associate Professor
Specialization: Environmental Law, Jurisprudence, Intellectual Property Law
Qualification: LL.M. (AMU Aligarh) Ph.D. (MDU, Rohtak) (NET)

v. Dr. Pradeep Kumar
Associate Professor
Specialization: Criminal Law, Administrative Law Intellectual Property Law
Qualification: LL.M. (BHU) Ph.D. (BHU) (NET)

vi. **Dr. Mujibur Rehman**
Assistant Professor
Specialization: Criminal Law, Family Law, Constitutional Law, Human Rights, Procedural Laws
Qualification: LL.M. (AMU Aligarh) Ph.D. (AMU Aligarh) (NET)

5. Members/fellowship of professional/academic bodies/ editorial board

i. **Prof. Sanjeev Kumar Chadha**
a) Indian Society of International Law, New Delhi. Life Member, Membership No.- 385.
b) Indian Law Institute, New Delhi, Life Member, Membership No.- L-1726.
c) All India Law Teachers Congress, Member, Membership No.- 362.
d) Indian Social Science Congress, Till Life, Membership No.- LF/1038/214/2007.

ii. **Dr. Sufiya Ahmed**
1. Life Member All India Rights Organization, Lucknow
2. Member, Editorial Committee, Azad Academy Journal.

iii. **Dr. Anis Ahmad**
1. Life Member All India Law Teachers Congress, New Delhi
2. Member, Academic Council, BBAU,Lucknow. (28/12/2021).

iv. **Dr. Pradeep Kumar**
1. All India Law Teachers Congress, Member, Membership Number - 429.

6. Other Departmental Level Academic Activates:

i. Organized a **Special Lecture by Advocate Rajan Mishra,**on the topic "Drafting, Pleading and Conveyancing"Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on **3rd August 2022.**

ii. Organized **Plantation Programmeon 12th August 2022**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. Organized **Azadi ka AmratyaMohtsav on 11thNovember 2022**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

iv. Organized **Constitution Day on 26thNovember 2022**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

v. Organized **Prevention of Money Laundering Act, 2002 on 18thNovember 2022**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

vi. Organized **Intra Moot Court Competitionon 24th February 2023**, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

7. Details of Books written/edited by faculty members:-

i. Dr. Sufiya Ahmed

a) Ahmed, Sufiya and Shailja Shukla, (2022), Marital Rape: A Socio-Legal Perspective, Satyam Law International, New Delhi,

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

i. Prof. Sudarshan Verma

a) Prof. Sudarshan Verma wrote an article on the topic of **"Protection of the Rights of Child Beggars and Child in Street Situation",** published in edited book, which named as Child Rights (Contemporary Issues and Challenges) published by National Law Publications, ISBN 9766196296711 .

ii.Dr. Sufiya Ahmed

a) Ahmed Sufiya, &Aishwarya Singh, Sexual Harressment: Students Experience, in Susmita Singh &NeelakshPithuria, *Women and Resistance*, Peoples Literature Publication, Khargarh, 2022

b) Mohan Kumar Gond & Sufiya Ahmed, Surrogacy Arrangement: A Socio-Legal Study in Lucknow, in Prashant Tripathi, Surrogacy: A Socio-Cultural and Legal Perspective in India, Aryan Publication, Delhi, 2023.

9. Paper Published during the year by the faculty members (during 01.04.2022 - 31.03.2023)

i. **Prof. Sanjeev Kumar Chadha**

a) Chadha, Sanjeev Kumar, First Author "Role of National Green Tribunal and Environmental Justice In India" Published in "Journal of Education ; RabindraBharti University," ISSN 0972-7175 (print) volume XXIII No. 01 , 2022, Year 2022 an UGC Care listed in multidisciplinary, Peer Reviewed Journal, Page No. 283 – 292.

b) Chadha, Sanjeev Kumar, First Author "Right to Privacy in the age of Artificial Intelligence: Issues

and Challenges" Published in "Journal of the Oriental Institute" ISSN 0030 – 5324 Volume 71, Issue. 01, 2022 an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 157-168.

c) Chadha, Sanjeev Kumar, Second Author Topic "Environmental Sustainable Development and Role of The Indain Judiciary ; A Critical Analytical Study" Published in "Journal of The Maharaja Sayajirao University of Baroda,"ISSN 0025-0422 (print) Volume No. 56, No. 01, Year 2022, an UGC Care Group -1 Journal, Multi-Disciplinary, Page No. 207-212
d) Chadha, Sanjeev Kumar, Second Author "Child Sex Trafficking In India : A Study Exploring Contributing Factors and Combating Current Efforts" Published in "Journal of Education ; RabindraBharti University," ISSN 0972-7175 (print) volume XXIII No. 01 , 2022, Year 2022 an UGC Care listed Journal (Multi-Disciplinary), Peer Reviewed Journal, Page No. 397-403.
e) Chadha, Sanjeev Kumar, First Author "Environmental Lessons To Learn From "Covid-19" Published in "Bengal, Past & Present, Journal of Calcutta Historical Society" ISSN 0005-8807 (print) volume XXIII No. 118, Issue (1) Year January – March 2022 an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 510-515.
f) Chadha, Sanjeev Kumar, Third Author Topic "Impact of Pandemic COVID 19 on Air and Water Quality in India: A Systematic Review" Published in "International Journal Of Engineering and Advanced Technology (IJEAT)," ISSN 2249-8958 (Online) Volume II, Issue. 05, June 2022, Multi-Disciplinary Peer Reviewed Journal, Page No. 149 – 167.
g) Chadha, Sanjeev Kumar, First Author "Pegasus Spyware : Individual and National Threat" Published in "Indian Bar Review" ISBN 9788193198100, Volume 49, Special Issue number 2 & 3, Peer Reviewed, and UGC Approved Journal, Year April –September 2022, Page No. 421- 436.
h) Chadha, Sanjeev Kumar, Co - Author "Refugee Laws : A Socio Legal Study in Indian Perspective" Published in "Anvesak" ISSN: 0378 – 4568, Volume 52 No. 1(1) , January – June , 2022, an International Research Journal, Peer Reviewed, UGC approved, UGC Care listed in Multidisciplinary Journal, Page No. 357-364.
i) Chadha, Sanjeev Kumar, Co - Author "Refugee Protection Under The Constitution of Bangladesh : A Brief Overview" Published in "Journal of Education ; RabindraBharti University," ISSN 0972-7175 (print) volume XXIII No. 01 , 2022, Year 2022 an UGC Care listed Journal (Multi-Disciplinary), Peer Reviewed Journal, Page No. 579-588.
j) Chadha, Sanjeev Kumar, Co - Author "Child Trafficking In India : Realities and Realization" Published in "Journal of Education ; RabindraBharti University," ISSN 0972-7175 (print) volume XXIII No. 01 , 2022, Year 2022 an UGC Care listed Journal (Multi-Disciplinary), Peer Reviewed Journal, Page No. 589-599.
k) Chadha, Sanjeev Kumar, Co-Author " Artificial Intelligence in Healthcare : A Contemporary Issues in India" Published in "Shodhasamhita" ISSN: 2277 – 7067, Volume IX, Issue 7 (V), July – December 2022, an International Research Journal, Peer Reviewed, an UGC approved, UGC Care listed in Multidisciplinary Journal, Page No. 136 - 147.
l) Chadha, Sanjeev Kumar, Co-Author " A Critical Study of Artificial Intelligence and Human Rights" Published in "SPECIALUSIS UGDYMAS/ SPECIAL EDUCATION 2022 " ISSN: 1392-5369, Volume I, Issue 43, 2022, an International Research Journal, Peer Reviewed, an UGC approved, UGC Care listed in Multidisciplinary Journal, Page No. 7390-7398.
m) Chadha, Sanjeev Kumar, First Author "Sustainable Development Law: New Dimension of International Environmental Jurisprudence," Published in "Journal of theAsiatic Society of Mumbai" ISSN 0972-0766, Volume XCV, ,No. 42, 2022 an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 106-119.
n) Chadha, Sanjeev Kumar, First Author "Digital Rape: Study of Indian Legal Regime ," Published in "ShodhaPrabha" ISSN 0974-8946, Volume 47, Fourth Issue, No. 03, 2022 an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 32-36.
o) Chadha, Sanjeev Kumar, First Author "Rise In Live In Relationship : Need For Mapping Legal Safeguards ," Published in "Perspective In Social Work" ISSN 0974-5114, Volume XXXVII, No 3, December 2022. an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 194- 201
p) Chadha, Sanjeev Kumar, First Author "Positive Secularism in India: Hijab or No Hijab?," Published in "RabindraBharti University, Journal of Philosophy" ISSN 0973-0087, Volume XXIV, Feburary

2023. an UGC Care listed Journal (Multi-Disciplinary), Group 1, Peer Reviewed Journal, Page No. 106- 110.

ii. **Prof. Sudarshan Verma**

a) Author Prof. Sudarshan Verma written an article on the topic of**"lekufyaxfookg dh fof/kdekU;rk dh vis{kk",** vad&19 o'kZ&2022] 10fnlEcj 2022] ekuovf/kdkj%ubZfn"kk,a] jk'Vªh; ekuovf/kdkjvk;ksx] Hkkjr] ISSN- 0973-7588.

iii. **Dr. Sufiya Ahmed**

a) Ahmed, Sufiya and Sandeep Sinha, Pre-Implantation Genetic Diagnosis in the Case of Savior Sibling: Ethical Moral Issues, *Kanpur Philosophers, International Journal Of Humanities, Law And Social Sciences* Published Biannually By New Archaeological &Genological Society Kanpur India Volume -9, Issue- 1, 2022

b) Sufiya Ahmed, Islam and Law Reform: with special reference to Polygamy in India, JOURNAL OF OPTOELECTRONICS LASER, Volume 41 Issue 6, 2022 DOI: 10050086.2022.06.127

c) Sufiya Ahmed, Irfan Ahmad Khan, Km Swati, Personal Data Protection in India: Emerging Issues and Challenges, *JOURNAL OF OPTOELECTRONICS LASER* ISSN: 1005-0086, Volume 41 Issue 7, 2022

d) अहमदसुफिया, & दिनेश कुमार सिंह, डीएनए प्रोफाइल के साक्ष्य की आपराधिक न्याय में प्रासंगिकता, *Kanpur Philosophers, International Journal Of Humanities, Law And Social Sciences* Published Biannually By New Archaeological &Genological Society Kanpur India Volume -9, Issue- 1B, 2022

e) Ahmed, Sufiya, Rethinking Divorce Right Of Muslim Women In Islam, *Philosophical Readings*: 13 pp. 774-781 (4). 2022, https://zenodo.org/badge/DOI/10.5281/zenodo.6903816.svg

f) Ahmed, Sufiya, Embryonic Stem Cell Research: Ethical-Moral Issues, *AD VALOREM- Journal of Law*: Volume 5: Issue IV: Part-IV: October-December 2018: ISSN : 2348-5485

g) Ahmed Sufiya & Chauhan, S.S., The Sanctity of Life and Right to Die: With Special Reference to Euthanasia Debate in India, *SPECIALUSIS UGDYMAS / SPECIAL EDUCATION* 2022, 1, (43)

h) Ahmed, Sufiya, Health and Covid 19: An Islamic Perspective, NIU International Journal of Human Rights ISSN: 2394 – 0298 Volume 9(XIX), 2022

i) Ahmed, Sufiya & Singh, Dinesh, DNA ProfilingandHumanRight: Issue andChallengesforApplicationinAdministrationofCriminalJustice,*ILI Law Review* -2022(Summer Issue) (A Peer Reviewed/ RefereedJournal),0976-1489 UGC CARE

j) Shailja Shukla & Sufiya Ahmed, Rape in Marriage: A Socio-Legal Analysis of Perception and Attitude of Wife, Central University of Kashmir Law Review, Vol. 1 (2021) pp. 132-164.

iv. **Dr. Anis Ahmad**

a) अनीस अहमद, "साइबर अपराध : विधिक चुनौती एवं समाधान" Vol. IX, Issue 1- (B) July, 2022 ***Kanpur Philosophers,*** Approved by UGC Care List ISSN 2348-8301. Page No. 382-389.

b) अनीस अहमद, "मानव अधिकार की अमृत उपलब्धियां एवं स्वच्छ पर्यावरण का अधिकार : राष्ट्रीय मानवाधिकार आयोग की भूमिका के परिप्रेक्ष्य में", मानव अधिकार : नई दिशाएं अंक : 19, वर्ष दिसम्बर 2022, पेज नंबर 40-46.

c) Anis Ahmad & Mujibur Rehman "Constitutional Challenges in Contemporary India: Some Reflections" Vol. X, Issue 1- (A) March, 2023 ***Kanpur Philosophers,*** Approved by UGC Care List ISSN 2348-8301. Page No. 188-194.

v. **Dr. Pradeep Kumar**

a) vlaxfBr {ks= ds Jfedksaij dksfoM&19 ds çHkko dk ,d v/;;u]Kanpur Philosophers]An Internationally peer reviewed and referred journal of humanities and social sciences, law, modernities, gender studies and allied disciplines, Vol. 09, Issue-1 (B), ISSN 2348-8301,pp. 406-412, 2022

b) Forest conservation in India: necessity and solution, Kanpur Philosophers] An Internationally peer reviewed and referred journal of humanities and social sciences, law, modernities, gender studies and allied disciplines,Vol. 09, Issue-2 (Winter), ISSN 2348-8301, pp. 860-866, 2022

c) A critical analysis of personal data protection bill 2018 with special reference to data protection and the right to privacy in India, International journal of Law: 'Law and World', December 2022, Page 34-40, ISSN- 2446-7916 (Print) 2587-5043 (Online)

d) Role of Constitutional courts in strengthening and protecting the parliamentary democracy in India, Kanpur Philosophers] An Internationally peer reviewed and referred journal of humanities and social sciences, law, modernaties, gender studies and allied disciplines,Vol. 10, Issue-1 (A), ISSN 2348-8301, pp. 173-181, 2023

vi. **Dr. Mujibur Rehman**

a) Anis Ahmad & Mujibur Rehman "Constitutional Challenges in Contemporary India: Some Reflections" Vol. X, Issue 1- (A) March, 2023 ***Kanpur Philosophers,*** Approved by UGC Care List ISSN 2348-8301. Page No. 188-194.

15. Attended/ participated in Conferences/seminar/ workshop Inside Country-

i. Prof. Sudarshan Verma

a) Chair a session on National Seminar on the topic of 'Inclusiveness of the differently able women: challenges and opportunities in India" on 30-31 December 2022, which was organized by BBAU, Lucknow with the support of National Commission of Women, New Delhi.

b) Chair a session in two days 1st Annual International Conference on "Law and the Contemporary Trends" on 31 March to 1st April 2023, which was organized by Sharda School of Law, Sharda University, Greater Noida in collaboration with Adelaide Law School, University of Adelaide, Australia.

ii. Dr. Sufiya Ahmed

a) Presented a paper on Disability Rights Jurisprudence and Surrogacy Arrangement of Disabled women in a National Seminar on Inclusiveness of the Differently Abled Women: Opportunity and Challenges in India on 30-31 December 2022, organised by BBAU, Lucknow

b) Presented a Paper on The Constitutional and Legal Response to Environmental Sustainability in the International Conference on Environmental Sustainability & Biotechnology: Opportunity& Challenges from 16-19 November 2022

c) presented a paper on Rural Technology Development and its Impact on Rural Women in an International Science Congress on 15-17 February 2023 organised by BBAU.

iii. Dr. Anis Ahmad

a) **Presented** a Paper on "**Inclusion and Protection of Rights of Women with Disabilities: An Indian Perspective"** in Two Days National Seminar supported by National Commission for Women, New Delhi, on "Inclusiveness of the Differently abled women: Opportunities and Challenges in India " on 30th to 31st December, 2022, Jointly Organized by Committee of Basic Facility for Women, Gender Champions Committee, Aazadi ka Amrit Mahotsav Committee and NCC Unit of Babasaheb Bhimrao Ambedkar University, Lucknow, Up-226025.

b) **Presented** a paper on the topic "Intellectual Property Rights and Human Right to Health: Revisiting in the Context of Sustainable development goals" in two Days National Seminar on "Right to Health: Problems and Future Prospects" from 19 to 20 February, 2023, Organized by Department of Law, V.S.S.D. College, Kanpur.

c) **Presented** a Paper on "**Protection of rights of Persons with Disabilities: Law and Judicial Response"** in Two Days National Seminar on "Rehabilitation of People with Disabilities: Early Identification and Interventions" on 24th March to 25th March 2023, Jointtly Organized by Department of Empowerment of Persons with Disabilities, Government of Uttar Pradesh and Gender Champions Committee of Babasaheb Bhimrao Ambedkar University, Lucknow, Up-226025.

d) Presented a Paper on the topic "Parliamentary Democracy: Role of Judiciary" in two Days National Seminar on "75 Years of Parliamentary Democracy in India: Traditions, Issues, Problems and Challenges" from 25th to 26th March, 2023, Organized by Faculty of Law, Maharaj Balwant Singh P.G. College Gangapur, Varanasi.

iv. Dr.Pradeep Kumar

a) Presented paper on *"Cyber Crimes against Women: A Study in Uttar Pradesh"*one day National Seminar on Cyber Crime against Women: Adjudication & Justice Dispensation On **18February, 2023**, organized by Faculty of Law, University of Lucknow.

b) Presented paper on *"Right to Health of Old age persons in India"* two days National Seminar on Right to Health: Problems and Future Prospects On **19-20February, 2023**, organized by Department of Law, VSSD College, Kanpur.

c) Presented paper on *"Right to Education and Employment of Persons with Disabilities: An Overview"* two days National Seminar on Rehabilitation of People with disabilities: Early Identification and Intervientions On **24 to 25 March, 2023**, organized by BBAU, Lucknow.

d) Presented paper on *"Role of Constitutional courts in strengthening and protecting the parliamentary democracy in India"* two days National Seminar on 75 Years of Parliamentary democracy in India: Traditions, Issues, Problems and Challenges On **25 to 26 March, 2023**, organized by BBAU, Lucknow.

v. Dr. Mujibur Rehman

a) **Presented** a Paper on "**Employment Strategies of Disable Persons in India: An Insight from the Rights of Persons with Disabilities Act, 2016"** in Two Days **National Seminar** on "Rehabilitation of People with Disabilities: Early Identification and Interventions" on 24th March to 25th March 2023, Jointly Organized by Department of Empowerment of Persons with Disabilities, Government of Uttar Pradesh and Gender Champions Committee of Babasaheb Bhimrao Ambedkar University, Lucknow, Up-226025.

b) **Presented** a paper on the topic "**Right to health of Prisoners: A Human Right Perspective**" in two Days **National Seminar** on "Right to Health: Problems and Future Prospects" from 19 to 20 February, 2023, Organized by Department of Law, V.S.S.D. College, Kanpur.

c) Presented a Paper on the topic "Need of Electoral Reforms in India: A Contemporary Perspective" in two Days **National Seminar** on "75 Years of Parliamentary Democracy in India: Traditions, Issues, Problems and Challenges" from 25th to 26th March, 2023, Organized by Faculty of Law, Maharaj Balwant Singh P.G. College Gangapur, Varanasi.

d) Participated in **Faculty Development Programme** on "**Research Methodology and Teaching Pedagogy**" from 11th July to 16th July 2022, Organized by Institute of Legal Studies, Shri Ramaswaroop Memorial University.

e) Participated in "**One Week Training Programme on Intellectual Property Rights**" Organized by Dr. Bhimrao Ambedkar University, Lucknow in collaboration with Cell for IPR Promotion and Management (CIPAM), Ministry of Commerce and Industries, Government of India from 28.03.2022 to 01.04.2022.

17. Consultancy works, if any

i. Free Legal Consultancy

18. Details of invited lecture inside the country:

i. Prof. Sudarshan Verma

a) Key-Note Speaker on "Birth Anniversary celebration of Savitri Bai Fhule"on 7th March,2023, which was organized by Unit of AKAM, BBAU.

b) Key-Note Speaker on "Birth Anniversary celebration of Sant Ravidas"on 5th February,2023, which was celebrating by BBAU, Lucknow.

ii. Dr. Sufiya Ahmed

a) Delivered a lecture on Mahila Adhikar par Ambedkar ka Yogdaan in a seminar on Bharat keSamajikPariwartankeMahanayak Babasaheb Bhimrao Ambedkar on 17 April 2022 at Maulana Azad Academy, Lucknow.

b) Delivered a lecture as a panelist on the topic from Artificial Insemination to Artificial Womb in the National Seminar on An Evaluation of the use of ART in Lucknow, organized by Faculty of Law, University of Lucknow on 7th January 2023.

19. Students Achievements:

i. Accomplishments of students

Number of student completed their masters/graduation/Diploma	LL.M.	28
	B.B.A. LL.B.(H)	35
Number of student selected in Civil Services	UPSC	02
	UPPSC	00
Number of student pursuing higher studies	20	

Number of student awarded SLET/NET/JRF/ any other fellowship	NET	10
	JRF	4

ii. Ph.D. Degree awarded during the year-

Sl. No.	Students	Guide	Title	Fellowship
1	Vibha Tripathi	Prof. Sudarshan Verma	Gender Justice in Muslim Personal Law With Special Reference to Divorce	Non-Net Fellowship
2	Shalini Singh Tomar	Prof. Priti Saxena	A Socio-legal study on Access to Justice for Vulnerable Group in India with Special Reference to Bareilly City in U.P.	Non-Net Fellowship
3	Shailesh Mishra	Prof. Sanjeev Kumar Chadha	Law and Policies in India for Rehabilitation and Resettlement of Dam Oustees: A Human Rights Approach.	Non-Net Fellowship
4	Mohan Kumar Gond	Dr. Sufiya Ahmed	Surrogacy Arrangement: A Socio-Legal Study in Lucknow City	Non-Net Fellowship
5	Chandana Suba	Prof. Sanjeev Kumar Chadha	Human Trafficking of Women for Sexual Exploitation in India: A Study with Special Reference to Lucknow City	NFST Fellowship
6	Irshad Ahmad	Prof. Sudarshan Verma	Revenge Porn & Blackmailing Cyber Crime against Women in India: Socio Legal Study in Lucknow City	Non-Net Fellowship
7	Dinesh Kumar Singh	Dr. Sufiya Ahmed	Socio-Legal Study of D.N.A. Profiling as scientific Method of Investigation in India	Non-Net Fellowship

iii. Ph.D. Degree submitted 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

iv. Ph.D. Student's Pursuing :

Sl. No.	Students	Guide	Title	Fellowship
1	Paritosh Prakash	Prof. Sanjeev Kumar Chadha	Internet as a Fundamental Right: A Bridge to Reduce the Digital Inequality in India	SRF Fellowship
2	Amit Kumar Singh	Prof. Sanjeev Kumar Chadha	Rise of Artificial Intelligence and Protection of Human Rights: Legal Issues and Challenges	SRF Fellowship
3	Aishwarya Kamya Singh	Dr. Sufiya Ahmed	Gender Inequality under Personal Laws in India: A Socio-Legal Study with	Non-Net Fellowship

			Special reference to Uniform Civil Code	
4	Anuj Kumar	Dr. Anis Ahmad	Environmental Governance and Sustainable Development in India: A Critical Legal Study	JRF Fellowship
5	Nikki Kumar	Dr. Anis Ahmad	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	JRF Fellowship
6	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
7	Baba Ncyicor	Dr. Pradeep Kumar	Internet as a Fundamental Right: A Bridge to Reduce the Digital Inequality in India	Non-Net Fellowship
8	ShubhyankaRao	Dr. Mujibur Rehman	Rights of Elderly Persons: A Study of Law and Policies in India with Special Reference to Lucknow City	Non-Net Fellowship
9	Ram Chandra Meena	Dr. Mujibur Rehman	Violation of Human Rights in Child Care Home: A Socio-Legal Study With Reference to Jaipur and Lucknow	NFST Fellowship
10	Snigdha Srivastava	Dr. Mujibur Rehman	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	JRF Fellowship
11	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
12	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
13	Shubham Kumar Rai	Prof. Sanjeev Kumar Chadha	Legal Implication of Over The Top Platform in India: Challenges Ahead	Non-Net Fellowship
14	Kamal Rajora	Prof. Sanjeev Kumar Chadha	Regulation of Cyber Space with Special Reference to Net Neutrality in India	JRF Fellowship
15	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
16	Himalay Gaund	Dr. Anis Ahmad	Topic not allotted	Non-Net Fellowship
17	Diwan Jauher Khan	Dr. Anis Ahmad	Topic not allotted	Non-Net Fellowship
18	Maria Momin	Dr. Mujibur Rehman	Topic not allotted	Non-Net Fellowship
19	Shubham Mishra	Dr. Sufiya Ahmed	Topic not allotted	Non-Net Fellowship
20	KM. Manisha Gaur	Prof. Sudarshan Verma	Topic not allotted	Non-Net Fellowship
21	Abhishek	Prof.	Topic not allotted	Non-Net

	Verma	Sudarshan Verma		Fellowship
22	Sunidhi Singh	Dr. Sufiya Ahmed	Topic not allotted	Non-Net Fellowship

v. LL.M. Dissertation Submitted:

Sl. No.	Students	Title/ Area
1	Keshav Singh	Constitutional Protection to the enquiry of civil Servants in India.
2	Smriti Srivastava	Protection of Trademark in India-A Critical Analysis of Legal And Judicial Response
3	Himanshu Jaiswal	Role of Judiciary And Press in Safeguarding Democratic Principles in India: A Legal Study.
4	Harinarayan Dubey	"Anti-Defection Law in India : case study with special Reference to Role of Speaker"
5	Vasu Lavania	"Artificial Intelligence And Law :A Way Forward
6	Shubhendra Narayan Shukla	"Protection of Farmers' Rights Under Intellectual Property Right Laws"
7	Reshma Hayat	"Authorship In Copy Right Law with special Reference to Digital Rights Management"
8	Anand Kumar	Adultery Laws: A Comparative Study National And Inter National Perspective
9	Sultan	Dr. B.R. Ambedkar and Social Justice: Relevancy In 21st Century.
10	Sriyanshi Singh	Domestic Violence In India :A Socio Legal Study
11	Kusum Verma	Dowry Prohibition Law And Judicial Response an Appraisal.
12	Jyotsana	A Critical Analysis of speedy Trial In India
13	Sandeep Rawat	Freedom of Speech and Expression 0.T.T. Platform: A Legal Study with Special Reference to indecent Representation of Work.
14	Mandakini	कार्यस्थल पर महिलाओं का लैगिक उत्पीड़न; निवारण, प्रतिषेक्ष एवं प्रतितोषद्ध अधिनियम, 2013 : एक समीक्षत्मक अध्ययन
15	Avinash	भारत में महिला सशक्तिकरण के सन्दर्भ में विधिक एवं न्यायिक द्रष्टिकोण: एक विश्लेशणात्मक अध्ययन
16	Neeraj Kumar	राष्ट्रीय शिक्षा नीति 2020 के विषेश संदर्भ में शिक्षा का अधिकार
17	Vivek Kumar	Cyber Forensics with Special Reference to Cyber Crime Investigation.
18	Poonam Kumari	"Intelligence property Violations on OTT (Over The Top)
19	Sangeeta	घरेलू हिंसा : एक विश्लेशणात्मक अध्यन
20	Km Deepa Chaudhary	Importance and Significance of Cyber Security: A Legal Study in the ERA Of Cyber Crime.
21	Abhishek Mishra	A Decadal Analysis of the AIM's And Objective of the prevention of Sexual Harassment At Workplace.
22	Pratibha Mishra	Legality And Validity of Sedition Law In A Democratic Country: A Study With Special Reference to Right to freedom of Speech.
23	Aditya Dubey	National Food Security Act2013: A Legal Study.
24	Divya Shukla	Forensic Evidence: ITS Extent And Admissibility in Criminal TRIAL.
25	Priti Sagar	Data Protection Laws in India: A Comparative study with Reference to EU,US And Uk.
26	Varsha Singh	Constitution Right of Accused In India
27	Vaishali Anand	भारत मे नागरिकता का समकालीनपरिवेश: एक अध्ययन

Vi .B.B.A.LL.B.(B) Dissertation Submitted:

Sl. No.	Students	Title/ Area
1	Aashi Dixit	Inter Country Adoption : Laws And Policy Frame Work In India.
2	Abhay Shukla	The Revival Of Real Estate Sector India Through T Insolvency And Bankruptcy Law.
3	Abhinav Verma	Environmental Law In India And Role Of NGT: A Progressive View
4	Akhand Shikhar Awasthi	Legality of Live In Relationship in India and Judicial and An cement of Women Rights.
5	Aman Kumar	Crime E Against Disabled Women : Challenges
6	Ankesh Kumar	Men's Rea Status In India.
7	Ashwani Dwivedi	Prembular Objective Of Economic Justice: A Legal Study.
8	Hershpreet Kaur	"Concept Of Virginity Testing In Rape Case"
9	Jyotiraditya Kumar Singh	Cyber Crime In India: Over View Of Indian Legislation And Its Effectiveness.
10	Kartikey Vashishth	Narco Analysis And Its Legal Issues
11	Koyal Moulisha	Medical Termination Of Pregnancy
12	Lavi Gautam	A Critical Analysis Of The Rape Threat To Women's Dignity In India
13	Mahee Singh	Regulation And Censorship Of Content On Ott Platforms
14	Mansi Verma	Digital Piracy In The Entertainment Industry: A Copy Right Perspective
15	Nikita Verma	Right To Abortion Analysis In India Perspective
16	Nishant Kumar Singh	Hate Speech in India: Law And Judicial Response.
17	Nishchal Verma	Cyber Security in the Era Of Online Harassment and Revenge Pornography: A Critical Legal Study.
18	Palak Pathak	A Detailed Study On Domestic Violence In India.
19	Rakhi Prakash	Role Of Debt Tribunal In Recovery of the Banks Non Performing Assets
20	Rohan Raj	Banking Frauds And Scames In India: Critical Analysis
21	Sakshi Singh	Climate Change and Its Impact on Water Resources.
22	Sandeep Chaudhary	Right To Privacy In Digital Age: A Legal Study
23	Sanjali Hasani	Misuse of Domestic Violence Through Technology.
24	Shivanshi Tiwari	A Study On Independence of Judiciary With Reference To Its Conflict With Legislature In India.
25	Shriya Singh	Termination Of Pregnancy Right –A Case Study With Special Reference To X Vs. Principal Secretary, Health & Family Welfare, Govt. Of NCT Delhi.
26	Shubham Shahi	Independence Of Judiciary
27	Vartik Raj Srivastava	Reservation in India with Special Reference to Economically Weaker Section.
28	Vinay Kanaujiya	Cyber Crime In India: Challenges Ahead
29	Vipul Bharti	Surrogacy In India And Its Ethics
30	Vivek Raj Singh	Role of Shareholders in Corporate Law Analytical Study.
31	Ram Raj	Hkkjresaefgykvksa ds f[kykQ ?kjsywfgalk
32	Akash Pandey	Equal Pay For Equal Work In
33	Veeresh Kumar Singh	Protection Of Women Against Matrimonial Offences : Legal Provisions & Judicial Response.
34	Aniket Kumar	Constitutional Morality

20. **Details of the publications of the students (Books/Article/Books Chapter)**

a) Nitesh Kumar Chaturvediwrote an article on the topic of **"समान लिंग विवाह की विधिक मान्यता की अपेक्षा",**अंक 19, वर्ष–2022, 10 दिसम्बर 2022, मानवअधिकार :नई दिशाएं, राष्ट्रीय मानव अधिकार आयोग, भारत, ISSN- 0973-7588.

b) Nitesh Kumar Chaturvedi wrote an article on the topic of "**Role of Constitutional Courts in Strengthening And Protecting The Parliamentary Democracy in India"**, Kanpur Philosophers] An Internationally peer reviewed and referred Journal Of Humanities and Social Sciences&Law, Vol. 10, Issue-1 (A), ISSN 2348-8301, pp. 173-181, 2023.

c) Nitesh Kumar Chaturvedi wrote an article on the topic of **"Protection of the Rights of Child Beggars and Child in Street Situation",** published in edited book, which named as Child Rights (Contemporary Issues and Challenges) published by National Law Publications, ISBN-9766196296711 .

d) Amit Kumar Singh wrote an article on the topic of "Right to Privacy in the age of artificial Intelligence: Issues & Challenges" (2022) Published in Journal of the Oriental Institute. Vol. 71,ISSN 2394-0298, , Research Scholar.

21. Google profile of the faculty members:

iii. Prof. Sanjeev Kumar Chadha

a) https://scholar.google.com/citations?user=LyNvNGgAAAAJ&hl=en

iv. 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. 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, guest faculties and internal faculties.

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.RashwetShrinkhal (Dept. of Human Rights)
iv. Dr. Sufiya Ahmed (Dept. of Law)
v. Dr.Dhirenda Vikram Singh (Resource Person, CPGLS)
vi. Dr. Sonali Roy Choudhury (Resource Person, CPGLS)

5. Other departmental level Academic Activities:

Seminars by Students on current legal issues on Fridays.

6. 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

7. Students achievements:

i. Accomplishment of the Students

Number of students completed their Master/Graduation / Diploma	**23**
Number of student selected in civil services(UPSC/UPPSC)	**02**
Number of students selected pursing higher studies	**4 (Ph.D.)**
Number of students selected on other government jobs/banking/University teaching/ practice in court etc.	**01 Teaching**
	02 Job (Private Sector)
	19 (Practicing in Court)
Number of students awarded SLET/NET/JRF/any other fellowship	**05**

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	Ashish Pathak	Right to Equality: A Grand Vision for extenuating the Inequalities	Awarded

2.	Prof. Priti Saxena	Shephalika Srivastava	Police Brutality and impunity: Dire need sensitize the desensitized	Awarded
3.	Prof. Priti Saxena	Jyotsna Shukla	A study of corporate criminal Liability with special reference to the contemporary judicial trends in India & other nation	Awarded
4.	Prof. Priti Saxena	Rajshree	Free speech in virtual world and constitution of India.	Awarded
5.	Prof. Priti Saxena	Shivam Kumar	The system of Judicial Review in Constitution o f India.	Awarded
6.	Prof. Priti Saxena	Ushmita Deep	Digital India	Awarded
7.	Prof. Preeti Misra	Pooja Arora	Environmental Crimes and their implications in Indian Legal System.	Awarded
8.	Prof. Preeti Misra	Jitendra Kumar Gautam	Protection of Women Against offences-Reference to Indian Penal Code-186	Awarded
9.	Prof. Preeti Misra	Anshima Singh	Female Feticide: A Scio- Legal Study with Special Reference to Pre- Natal Diagnostics Techniques Act 1994.	Awarded
10.	Dr. RashwetShrnkhal	Praveen Chaudhary	National Green Tribunal and Environment Justice in India.	Awarded
11.	Dr. Dhirendra Vikram Singh	Rahul Singh	Right to equality in Indian Constitution An Analysis of Rule of Law in India.	Awarded
12.	Dr. Dhirendra Vikram Singh	Shraddha Srivastava	Education of Public Interest litigation : A critique	Awarded
13.	Dr. Dhirendra Vikram Singh	Aruna Mishra	Media Regulations: Necessity in contemporary world.	Awarded
14.	Dr. Dhirendra Vikram Singh	Apoorva Sinha	Legal Challenge of Artificial Intelligence	Awarded
15.	Dr. Dhirendra Vikram Singh	Shweta Raj	Free speech in virtual world and Indian Constitution	Awarded
16.	Dr. Dhirendra Vikram Singh	Vaibhav Bharti	Ethics by Banker in Business Laws.	Awarded
17.	Dr Sonali Roy Choudhury	Utkarsh Kumar	Corporate combination and sustainable development	Awarded
18.	Dr Sonali Roy Choudhury	Avishek Gautam	Criminology of Mob Lynching: Requirement of Specific policy under Indian Criminal Justice System	Awarded
19.	Dr Sonali Roy Choudhury	Aditi Yadav	A Critical study: Right to speedy Justice and Its accomplishment through e-counts in the subordinate Judiciary	Awarded
20.	Dr Sonali Roy Choudhury	Avantika Ahirwar	Critical analysis of women Welfare legislation and Indian social fabric	Awarded
21.	Dr Sonali Roy Choudhury	Aman Kumar	Transparency and independence of Judiciary	Awarded
22.	Dr Sonali Roy Choudhury	Vijay Kirti Sheel	Plea Bargaining in India & USA	Awarded
23.	Dr Sonali Roy Choudhury	Arvind Kumar	भारत मे हो रही भीड़ हिंसा के संदर्भ में	Awarded

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.

Number of departments with name:

Department of Pharmaceutical Sciences

Number of faculty in the school:(strength of non-teaching staff may also be specified)

Faculty:06 (Six) Prof. ShubhiniA.Saraf(On Deputation for period of five years w.e.f.)

Non teaching : 02 (Regular Staff)

: 02 (Contractual staff)

i. Special Highlight of the School, if any

ii. Citation –Index of the School:

iii. Any other Information:

Department of Pharmaceutical Sciences

The Department of Pharmaceutical Sciences was established in 2010. It offers M.Pharmand 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 equipment's. 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 of more than 3.5 crore.

1) Course Offered:

i. M.Pharm (Pharmaceutics)
ii. M.Pharm (Pharmacology)
iii. 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
ix. Computer Lab

3) Details of Seminar / Conference/Webinar organized by the Department:

i) **"World Pharmacist day"** Organized by the Department of Pharmaceutical Sciences on 25-09-2022.

4) Other Departmental level Academic Activities (Academic Activities that includes lecture series, Gust lectures etc., details about essay /quiz competition etc.

i) Logo & slogan Competition will be organized by theDepartment of Pharmaceutical Sciences on the occasion of world Pharmacist day on 25-09-2022

Lecture Series,

i) "The bad Potassium and the anti tumour immunity" by Dr. Naveen Kumar Varma Assistant Professor of immunology and cell biology, Lee Kong Chian School of Medicine, Nanyang Technological University. Singapore (online) on the occasion of World Pharmacist Day on 25-09-2022

ii) "Career opportunities for Pharmacy graduates in India and abroad" by Ms. Tabassum Khair Barbhuiya, School of Chemistry and Physics, Translation research institute Queensland

University of technology, Australia (online) on the occasion of World Pharmacist Day on 25-09-2022

5) Details of co-curricular/Extra-curricular/sports Activities (celebration of the various important day, sports events, cultural programmes, plantation drive etc)

i) **Logo & slogan** Competition, Plantation Drive ,Distribution of First-Aid Kits to the public on the occasion of World Pharmacist Day on 25-09-2022

6) Visitors to the Department from inside the country during (during 01.04.2022 – 31.03.2023):

i) **"Art Living: Youth happiness (Introductory Session)"** Lecture By Ms. Anjali Seth &Dr. Shweta Upadhyay on 16-02-2023

7) Members/fellowship of professional/academic bodies/editorial board (Kindly don't furnish Confidential work)

Prof. Gaurav Kaithwas

i. Head and Dean
ii. Associate Dean Academic Affairs (ADAA) in all academic programs.
iii. Member of Board Post Graduate studies of Department of Pharmaceutical Sciences.
iv. Member of Departmental Research Committee of Department of Pharmaceutical Sciences.
v. Member of Institutional Library Purchase Committee.
vi. Member in BBAU Alumini cell

Life member of

i. Association of Pharmacy Teachers of India: UPLM- 126
ii. Science Advisory Board, USA- Life Member: 101350
iii. Laboratory Animal Science Association of India: Life Member
iv. Zoology Society of India: Life Member: G38

Prof. P.S Rajinikanth

Associate Member of

i. Malaysian Pharmaceutical Society
ii. Controlled Release Society, Malaysia Chapter

Life member of

i. Tamil Nadu Pharmacy Council
ii. Indian Pharmaceutical Graduates Association
iii. Indian Pharmaceutical Association
iv. American Chemical Society (ACS)

Members in various committees of the university

i. Academic council members, BBAU, Lucknow
ii. Member Incubation and innovation cell (IIC), BBAU
iii. DRC member, Department of Pharmaceutical Sciences, BBAU
iv. Board of post-graduate studies of Department Pharmaceutical Sciences, BBAU
v. Board of post-graduate studies of Department Pharmaceutical Sciences, Ramswaroop Memorial University, Lucknow
vi. Member of proctorial board, BBAU, Lucknow

Dr. Vikas Mishra

i. Indian Academy of Neurosciences, INDIA- Life member since 2009
ii. Society for Neurochemistry, INDIA- Life member since 2010
iii. Indian Pharmacological Society, India- Life member since 2019
iv. Translational Biomedical Research Society, India- Life member since 2019

8) Visitors to the Department from outside the country (during 01.04.2022 – 31.03.2023):

Invited Lecture,

i. **"The bad Potassium and the anti tunour immunity"** by Dr. Naveen Kumar Varma Assistant Professor of immunology and cell biology, Lee Kong Chian School of Medicine, Nanyang Technological University. Singapore (online) on the occasion of World Pharmacist Day on 25-09-2022

ii. **"Career opportunities for Pharmacy graduates in India and abroad" by Ms. Tabassum Khair Barbhuiya,** School of Chemistry and Physics, Translation research institute Queensland University of technology, Australia (online) on the occasion of World Pharmacist Day on 25-09-2022

9) Details of Books written/edited by faculty members

Prof. P.S Rajinikanth

i. Pandey P, **Rajinikanth PS**, Singh K. (2023). Biostatistics and Research Methodology. Volume I. Lambert Academic Publishing. ISBN No. 978-620-6-15883-7.

ii. Pandey P, **Rajinikanth PS**, Singh K. (2023). Biostatistics and Research Methodology. Volume II. Lambert Academic Publishing. ISBN No. 978-620-6-15821-9.

iii. Rajinikanth PS, Tilak A, Pandey P. (2022). MCQ's in Pharmaceutics. Rajsons Publications Pvt. Ltd., New Delhi. ISBN No. 978-9391651-02-2

Dr. Vijayakumar M.R.

i. A.K. Gautam, P. Kumar, B. Maity, G. Routholla, B. Ghosh, K. Chidambaram, M.Y. Begum, A. Al Fatease, P.S. Rajinikanth, S. Singh, S. Saha**, M.R. Vijayakumar**, Synthesis and appraisal of dalbergin-loaded PLGA nanoparticles modified with galactose against 5.988 3 hepatocellular carcinoma: In-vitro, pharmacokinetic, and in-silico studies, Frontiers in pharmacology, 13 (2022) 1021867.

10) Details of Book Chapter in edited volume/ conference volume.

Prof. Gaurav Kaithwas

i. Aggarwal G, Kaithwas G, Singh M, Goyal RK. Organ-on-a-Chip: Novel In Vitro Model for Drug Discovery. InBiomedical Translational Research: Drug Design and Discovery 2022 Jul 29 (pp. 73-96). Singapore: Springer Nature Singapore.

ii. Singh L, Bajaj S, Singh M, Kaithwas G, Choudhary M. Metabolism of Lipids in Malignant Solid Tumors Hypoxia and Drug Targets. InTherapeutic Platform of Bioactive Lipids 2023 May 12 (pp. 163-192). Apple Academic Press.

iii. Mukherjee S, Kaithwas G, Singh M, Banerjee S. Role of Omega-3 Polyunsaturated Fatty Acids-Derived Lipid Metabolites on Cancer Hacks. In Therapeutic Platform of Bioactive Lipids 2023 May 12 (pp. 265-282). Apple Academic Press.

Prof. P.S Rajinikanth

i. Anand S, Rajinikanth PS et al. Biomaterial based nanofibers for drug delivery applications. 2022 Dec 30. CRC Press.

Dr. Vikas Mishra

i) Rishabh Chaudhary, Mujeeba Rehman, Vipul Agarwal, Arjun Singh Kaushik and Vikas Mishra,"Protein Aggregation in Neurodegenerative Diseases" (2022), Neurodegenerative Diseases - Multifactorial Degenerative Processes, Biomarkers and Therapeutic Approaches, Bentham Science Publishers (First Edition), ISBN 978-981-5040-92-0, Page no. 26-58

ii) Rishabh Chaudhary and Vikas Mishra "Genetics of Motor Neuron Diseases" (2023),Encyclopedia of Life Sciences, John Wiley & Sons, Ltd (Ed.), ISBN 9780470015902,Page 1-18, doi.org/10.1002/9780470015902.a0029494

Dr. Vijayakumar M.R.

11) . Paper Published during the year by the faculty members (during 01.04.2022-31.03.2023).

Prof. Gaurav Kaithwas

i. Rastogi S, Aldosary S, Saeedan AS, Ansari M, Singh M, Kaithwas G. NF-κB mediated regulation of tumor cell proliferation in hypoxic microenvironment. Frontiers in Pharmacology. 2023 Feb 20; 14:1108915. (**IF-5.988**)

ii. Singh L, Nair L, Kumar D, Arora MK, Bajaj S, Gadewar M, Mishra SS, Rath SK, Dubey AK, Kaithwas G, Choudhary M. Hypoxia induced lactate acidosis modulates tumor microenvironment and lipid reprogramming to sustain the cancer cell survival. Frontiers in Oncology. 2023;13. (**IF-6.2**)

iii. Rani S, Roy S, Singh M, Kaithwas G*. Regulation of Transactivation at C-TAD Domain of HIF-1α by Factor-Inhibiting HIF-1α (FIH-1): A Potential Target for Therapeutic Intervention in Cancer. Oxidative Medicine and Cellular Longevity. 2022 May 10;2022. (**IF-7.310**)

Prof. P.S Rajinikanth

i. Giriraj Pandey, Prashant Pandey, Dilip Kumar Arya, Shubham Kanaujiya, Deshraj Deepak Kapoor, Ravi Kr Gupta, Shivendu Ranjan, Kumarappan Chidambaram, Balamurugan Manickam, PS Rajinikanth. Multilayered nanofibrous scaffold of Polyvinyl alcohol/gelatin/poly (lactic-co-glycolic acid) enriched with hemostatic/antibacterial agents for rapid acute hemostatic wound healing. International Journal Pharmaceutics, 638(1),2023, 122918 **(IF 6.57)**

ii. Pragya Singh, Prashant Pandey, Dilip Kumar Arya, Md Meraj Anjum, Subramaniam Poonguzhali, Abhishek Kumar, Ravi Gupta, Sean Mcmahon and ParuvathanahalliSiddalingam Rajinikanth. Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing. Biomedical Materials, 10 (1), March 2023 **(IF 4.2)**

iii. Thakur, Sunita; Anjum, Md; Jaiswal, Shweta; Kumar, Anand ; Anand, Sneha; Deepak, Payal; Singh, Sanjay; Rajinikanth, P.S. Novel Synergistic Approach: Tazarotene Calcipotriol-loaded-PVA/PVP-nanofiber Incorporated in Hydrogel Film for Management and Treatment of Psoriasis. Molecular Pharmaceutics, 2023, 20(2), 997-1014 **(IF 5.3)**

iv. Sachin Yadav, Dilip Kumar Arya, Prashant Pandey, Sneha Anand, Shivendu Ranjan, Shubhini A. Saraf, Anurag Kumar Gautam, Vijayakumar Mahalingam Rajamanickam, Sanjay Singh, Kumarappan Chidambaram, Taha Alqahtani, ParuvathanahalliSiddalingam Rajinikanth. ECM mimicking biodegradable nanofibrous scaffold enrichedwith Curcumin/ZnO to accelerate diabetic wound healing via multifunctional bioactivity"International Journal of Nanomedicine 2022:17 6843–6859 **(IF 7.033)**.

v. P. Pandey, D. Kumar Arya, M. Kumar Ramar, K. Chidambaram, P.S. Rajinikanth,Engineered nanomaterials as an effective tool for HER2+ breast cancer therapy, DrugDiscovery Today, 27(9), 2526-2540, (2022). **(IF 8.36)**

vi. S Anjum, F Rahman, P Pandey, DK Arya, M Alam, PS Rajinikanth, Q Ao. Electrospun Biomimetic Nanofibrous Scaffolds: A Promising Prospect for Bone Tissue Engineering and Regenerative Medicine. International Journal of Molecular Sciences 23 (16), 9206 (2022) **(IF 6.28)**

vii. Anurag Kumar Gautam, Pranesh Kumar, Biswanath Maity, Ganesh Routholla, Balaram Ghosh, Kumarappan Chidambaram, M.Yasmin Begum, Adel Al Fatease, P.S. Rajinikanth, Sanjay Singh, Sudipta Saha and Vijayakumar M R. Synthesis and appraisal of dalbergin-loaded PLGA nanoparticles modified with galactose against hepatocellular carcinoma: in-vitro, pharmacokinetic, and in-silico studies accepted in Frontiers in Pharmacology.(2022) **(IF 5.98)**

Dr. Vikas Mishra

i. Rishabh Chaudhary, Vipul Agarwal, Mujeeba Rehman, Arjun Singh Kaushik and **Vikas Mishra**, "Genetic architecture of motor neuron diseases" **Journal of the Neurological Sciences**, 434-120099, (2022)

ii. Mujeeba Rehman, Rishabh Chaudhary, Sonu Rajput, Vipul Agarwal, Arjun Singh Kaushik, Siddhi Srivastava, Sukriti Srivastava, Rohit Singh, Irfan Aziz, Sanjay Singh and Vikas Mishra, "Butein ameliorates chronic stress induced atherosclerosis via targeting anti-inflammatory, anti-fibrotic and BDNF pathways" **Physiology &Behavior**, (2023)

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

Prof. P.S Rajinikanth

i. Sneha Anand and P.S. Rajinikanth presented poster on the topic "Biomimetic nanofibrous smart wound dressing for diabetic wound healing" in "IABSCON – 2022, Recent trends in Biomedical Research: Current Challenges & Future Prospects" held on 7th-8th May2022 at Era Medical University, Lucknow.

ii. Prashant Pandey and P.S. Rajinikanth presented poster entitled "Optimization, Characterization and In-vitro Evaluation of N-Acetylcysteine Loaded Olive Oil Based Nanostructured Lipid Carriers (NLC) for management of Ischemic Stroke" in 8th Current Trends in Drug Discovery Research symposium held at CSIR-CDRI, Lucknow on March 12-14, 2022.

Dr. Vijayakumar M.R.

i. Oral presentation on, Effectiveness of dalbergin loaded PLGA nanoparticles decorated with galactose for the treatment of liver cancer, **TBRS-2023 National symposium on**, Emerging techniques for the characterization and therapeutic evaluation of traditional ayurvedic / herbal medicines, 2nd & 3rd February 2023, Organized by: Amity University, Lucknow.

ii. Oral presentation on, Formulation, development and characterizations of dalbergin loaded PLGA nanoparticles decorated with galactose against hepatocellular carcinoma: In-vitro studies, **an international conference on**, Reconciling the gap between different pharmacy horizons: Need of the hour, 12th November 2022, Organized by: Chandra Shekhar Singh College of Pharmacy, Prayagraj UP-212213.

iii. 7 Days Hand on training on **"Flow Cytometry"** 29th November to 05th December2022, Organized by the Department of pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University),Varansi, UP.

iv. 7 Days Hand on training on **"Characterization techniques and advance application in research (MRS/metabolomics)"** 22nd to 28th Sep 2022, organized by the Department of Chemistry, BBAU, Lucknow.

v. 7 Days Hand on training program on "Biotechnology Applications" Held from 6-12 January 2023 at Bundelkhand University, Jhansi.

vi. Participated in One-day international symposium on ''Drug Discovery and Development Interface''Organized by National Institute of Pharmaceutical Education and Research Raebareli (NIPER-R) on 1th Feb 2023.

vii. Participated in SERB Sponsored ''Role of Artificial Intelligence and Machine Learning in Drug Discovery'' 12th to 17th December 2022 Organized by Institute of Pharmacy, Harischandra P.G. College, Bawanbeegha, Azamgarh Road, Varanasi, UP, India.

13. Details of invited lectures inside country-

Dr. Vikas Mishra

i. "Genetic Interactions in Mouse Model of Sudden Unexpected Death in Epilepsy", Dec 7, 2022, Invited Talk, Organised by Dept of Pharmacology and Toxicology, NIPER Guwahati, supported by Ministry of Ayush, DST-SERB India, and Dept of Biotechnology (Govt. of India)

Dr. Vijayakumar M.R.

i. Topic on "Writing Research grants and Research proposal" at Faculty Development Programme on „Pharmaceutical Research Orientation" organized by Department of Pharmacy, College of Pharmaceutical Sciences and Research, Krishna University, Rudravaram, Machilipatnam-521004 during 6th August - 11th August, 2022.

ii. Topic on "Nanomedicine for Cancer Targeting" at „Summer Webinar Series - 6 2022" organised by Periyar College of Pharmaceutical Sciences, Tiruchirappalli - 620 021 on 13th August 2022.

Prof. P.S Rajinikanth

Prof. P.S Rajinikanth, Academic and Research excellent faculty award 2022 awarded by Babasaheb Bhimrao Ambedkar University, Lucknow, India.

15. Details of International Awards/fellowship

International Scientist award 2022, awarded by INSO organization.

16. Details of Research Projects (major and minor)

Dr. Vijayakumar M.R., Title of Projects-Formulation development and evaluation of dissolvable and coated microneedle patches containing COVID-19 vaccine loaded chitosan nanoparticles for painless and potential immunization, **Funding Agency-** Science & Engineering Research Board (SERB), Department of Science & Technology, Government of India.**Duration-**3 Years, **Total grant in Lakhs-**40.06 L, **Role (PI/COPI)-**PI.

17. Details of Patents filed/awarded

Prof. P.S Rajinikanth

i. Multifunctional Biomimetic Nanofibrous Scaffold for Rapid Diabetic WoundHealing, INDIAN Patent published online 2022, Application number: 202211000241

ii. A Nanofiber Loaded with Ferulic Acid For Enhanced Antimicrobial And Diabetic Wound Healing Activity INDIAN Patent published online 2022, Application number: 202211010747

Dr. Vijayakumar M.R.

i. Singh S., Vijayakumar M.R. Composition of resveratrol loaded hybrid nanoparticles and a method of preparation thereof (Patent no. 401976), Status: **Awarded.**

18. Students achievements

i. Most of the students of Pharmacy are recipients of scholarships/student fellowships for their M. Pharm education through GATE/GPAT

ii. Mr. Prashant PandeyPh.D Scholar under the supervision of Prof. P.S Rajinikanth, he has admitted to the Visiting Graduate Student Program In Pharmacy and pharmaceutical Sciences for the Fall Term 2023 at the University of Alberta ,Canada.

iii. Mr. Prashant PandeyPh.D Scholar under the supervision of Prof. P.S Rajinikanth, Academic and Research excellence award 2022 awarded by Babasaheb Bhimrao Ambedkar University, Lucknow, India.

• **Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesis submission/degree awarded –**

S. No	Name of Scholars	Supervisor	Thesis title	Fellowship
1.	Alka	Prof. Shubhini A. Saraf	Development and assessment of biodegradable/ bioresorbable polymeric topical scaffolds for wound management	UGC Non NET
2.	Soniya Rani	Prof. Gaurav Kaithwas	Regulation of HIF-1 α (Hypoxia-Inducible Factor-1 α) through C- Transactivation Domain (C-TAD) in Cellular Hypoxia	ICMR-SRF
3.	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
4.	Archana Sonkar	Dr. Sudipta Saha	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.	UGC Non NET
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.	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.	ICMR-SRF
9.	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
10.	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
11.	Anurag Kumar	Prof. Gaurav Kaithwas	Extraction, Purification and Characterization of α-Linolenic Acid Derived from Plant Source and its Evaluation Against Mammary Gland Carcinoma	JRF in MOFPI
12.	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
13.	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
14.	Amita	Dr. Vijayakumar	DEVELOPMENT OF BETULIN AND	UGC- Non

	Singh	M.R.	GEFITINIB LOADED LACTOFERRIN DECORATED pH SENSITIVE NANOFORMULATION(S) AGAINST HEPATOCELLULAR CARCINOMA	NET
15.	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.	UGC Non NET
16.	Arjun Singh Kaushik	Dr. Vikas Mishra	A Study on the Role of Sirtuin-6 and its Modulation in ChronicStress Induced Metabolic Syndrome	UGC- Non NET
17.	Rishabh Chaudhary	Dr. Vikas Mishra	A Study on Immune System and its Modulation in Chronic Stress Aggravated Autoimmune Condition	UGC -Non NET
18.	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
19.	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
20.	Vipin Kumar	Dr. Vijayakumar M.R	Appraisal of Niclosamide Loaded Mannose and Hyaluronic Acid Grafted Liposomes Against Bisphenol A-Induced Hepatic Fibrosis	UGC-Non NET
21.	Rohit Kumar	Prof. Sanjay Singh (Hon'ble Vice Chancellor)	Enhancement of Anticancer Potential of Paclitaxel using Polyunsaturated Fatty Acids	UGC-Non NET
22.	Dharmendra Kumar	Prof. Gaurav Kaithwas	Enhancement of Anticancer Potential of Paclitaxel using γ- Linolenic acid	UGC-Non NET

(ii)Ph.DthesisSubmitteddduring the Year:

Sl.No.	**Students**	**Guide**	**Title of thesis**	Remark
1.	Raquibun Nisha	Prof. Shubhini A. Saraf	Formulation and Development of Nanotherapeutics System Utilizing Surface-engineered Approach for Cancer Cell Specificity	ICMR-SRF
2.	Anand Kumar	Dr.Vikas Mishra	Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat	UGC Non NET
3.	Priyanka Prajapati	Dr. Sapana Kushwaha	Investigation of Pharmacological Agent(s) and Molecular Mechanism thereof for the treatment of Sarcopenia associated Muscle Atrophy	DST-PA
3.	Neelu Singh	Prof. Shubhini A. Saraf	Fabrication and Characterization of Receptor Mediated Nanocarrier(s) for the Treatment of Inflammatory Arthritis	UGC Non NET
4	Nidhi Mishra	Prof. Shubhini A. Saraf	Formulation and Appraisal of Nano Drug Delivery System(s) of Bioactive Compounds for Enhanced Antineoplastic Potential	DST -INSPIRE

5	Vipul Agarwal	Dr. Vikas Mishra	A Study on the Role of Proinflammatory Cytokines and their Modulationby Cholinergic Activity in Chronic Stress Induced Cardiac Dysfunction	ICMR-SRF

Ph.D Awarded during the Year

Sl.No.	Students	Guide	Title of thesis	Remark
1.	Ravi Raj Pal	Prof. Shubhini A. Saraf	Optimization of Molecular Target Oriented Nanoparticles for Amelioration of Chronic Inflammatory Diseases	ICMR-SRF
2.	Samipta Singh	Prof. Shubhini A. Saraf	Development and Characterization of Breast Tumor Specific Surface–functionalized Nanoformulation	ICMR-SRF
3.	Priya Singh	Prof. Shubhini A. Saraf	Design and Evaluation of Nanotherapeutic System(s) for Management of Hormone Receptor-Positive Breast Cancer	DST- INSPIRE

19. Any Other Special achievement recorded by the students

i. **Priyanka Prajapati(Research Scholar**) got Best presentation award, Formulation, development and characterizations of dalbergin loaded PLGA nanoparticles decorated with galactose against hepatocellular carcinoma: In-vitro studies, **an International conference** on, Reconciling the gap between different pharmacy horizons: Need of the hour, 12th November 2022, organized by: Chandra Shekhar Singh College of Pharmacy, Prayagraj UP-212213.

ii. **Priyanka Prajapati(Research Scholar**) got 2nd Prize in Oral Presentation in International Symposium of Toxicology & applied Pharmacology Organized by National Institute of Pharmaceutical Education and research-Raebareli (NIPER-R) on 29th to 30th September-2022

20. Details of the Publications of the students (Books/Article/Books' chapter) –

Dr. Gaurav Kaithwas

i) Akhter Y, **Rastogi S**, Kaithwas G. Frequent brushing of teeth inhibits the dissemination of the SARS-CoV-2: the biochemical mechanism. **Environmental Sustainability**. 2023 May 29:1-4.(**IF-2.6**)

ii) **Rastogi S**, Aldosary S, Saeedan AS, Ansari M, Singh M, Kaithwas G. NF-κB mediated regulation of tumor cell proliferation in hypoxic microenvironment. **Frontiers in Pharmacology**. 2023 Feb 20; 14:1108915. (**IF-5.988**)

iii) **Rani S**, Roy S, Singh M, Kaithwas G*. Regulation of Transactivation at C-TAD Domain of HIF-1α by Factor-Inhibiting HIF-1α (FIH-1): A Potential Target for Therapeutic Intervention in Cancer. **Oxidative Medicine and Cellular Longevity.** 2022 May 10;2022. (**IF-7.310**)

Prof. P. S Rajinikanth

iv) Giriraj Pandey, Prashant Pandey, Dilip Kumar Arya, Shubham Kanaujiya, Deshraj Deepak Kapoor, Ravi Kr Gupta, Shivendu Ranjan, Kumarappan Chidambaram, Balamurugan Manickam, PS Rajinikanth. Multilayered nanofibrous scaffold of Polyvinyl alcohol/gelatin/poly (lactic-co-glycolic acid) enriched with hemostatic/antibacterial agents for rapid acute hemostatic wound healing. International Journal Pharmaceutics, 638(1),2023, 122918 (IF 6.57)

v) Pragya Singh, Prashant Pandey, Dilip Kumar Arya, Md Meraj Anjum, Subramaniam Poonguzhali, Abhishek Kumar, Ravi Gupta, Sean Mcmahon and ParuvathanahalliSiddalingam Rajinikanth. Biomimicking dual drug eluting twisted electrospun nanofiber yarns for post-operative wound healing. Biomedical Materials, 10 (1), March 2023 (IF 4.2)

vi) Thakur, Sunita; Anjum, Md; Jaiswal, Shweta; Kumar, Anand; Anand, Sneha; Deepak, Payal; Singh, Sanjay; Rajinikanth, P.S. Novel Synergistic Approach: Tazarotene Calcipotriol-loaded-PVA/PVP-nanofiber Incorporated in Hydrogel Film for Management and Treatment of Psoriasis. Molecular Pharmaceutics, 2023, 20(2), 997-1014 (IF 5.3)

vii) Sachin Yadav, Dilip Kumar Arya, Prashant Pandey, Sneha Anand, Shivendu Ranjan, Shubhini A. Saraf, Anurag Kumar Gautam, Vijayakumar Mahalingam Rajamanickam, Sanjay Singh, Kumarappan Chidambaram, Taha Alqahtani, ParuvathanahalliSiddalingam Rajinikanth. ECM mimicking biodegradable nanofibrous scaffold enrichedwith Curcumin/ZnO to accelerate diabetic wound healing via multifunctional bioactivity"International Journal of Nanomedicine 2022:17 6843–6859 (IF 7.033).

viii) P. Pandey, D. Kumar Arya, M. Kumar Ramar, K. Chidambaram, P.S. Rajinikanth,Engineered nanomaterials as an effective tool for HER2+ breast cancer therapy, DrugDiscovery Today, 27(9), 2526-2540, (2022). (IF 8.36)

ix) S Anjum, F Rahman, P Pandey, DK Arya, M Alam, PS Rajinikanth, Q Ao. Electrospun Biomimetic Nanofibrous Scaffolds: A Promising Prospect for Bone Tissue Engineering and Regenerative Medicine. International Journal of Molecular Sciences 23 (16), 9206 (2022) (IF 6.28)

x) Anurag Kumar Gautam, Pranesh Kumar, Biswanath Maity, Ganesh Routholla, Balaram Ghosh, Kumarappan Chidambaram, M.Yasmin Begum, Adel Al Fatease, P.S. Rajinikanth, Sanjay Singh, Sudipta Saha and Vijayakumar M R. Synthesis and appraisal of dalbergin-loaded PLGA nanoparticles modified with galactose against hepatocellular carcinoma: in-vitro, pharmacokinetic, and in-silico studies accepted in Frontiers in Pharmacology.(2022) (IF 5.98)

xi) Anand S, Rajinikanth PS et al. Biomaterial based nanofibers for drug delivery applications. 2022 Dec 30. CRC Press.

xii) Pandey P, Rajinikanth PS, Singh K. (2023). Biostatistics and Research Methodology. Volume I. Lambert Academic Publishing. ISBN No. 978-620-6-15883-7.

xiii) Pandey P, Rajinikanth PS, Singh K. (2023). Biostatistics and Research Methodology. Volume II. Lambert Academic Publishing. ISBN No. 978-620-6-15821-9.

xiv) Rajinikanth PS, Tilak A, Pandey P. (2022). MCQ's in Pharmaceutics. Rajsons Publications Pvt. Ltd., New Delhi. ISBN No. 978-9391651-02-2

Dr. Vikas Mishra

i) Rishabh Chaudhary, Mujeeba Rehman, Vipul Agarwal, Arjun Singh Kaushik and Vikas Mishra,"Protein Aggregation in Neurodegenerative Diseases" (2022), Neurodegenerative Diseases - Multifactorial Degenerative Processes,

Dr. Vijayakumar M.R.

i. Sonkar, Archana Bharti, Pranesh Kumar, Anand Kumar, **Anurag Kumar Gautam**, Abhishek Verma, Amita Singh, Umesh Kumar et al. "Vinpocetine mitigates DMH-induce pre-neoplastic colon damage in rats through inhibition of pro-inflammatory cytokines." **International Immunopharmacology** 119 (2023): 110236, **(Impact factor- 5.714). Publisher,Elsevier.**

ii. Yadav, Sachin, Dilip Kumar Arya, Prashant Pandey, Sneha Anand, **Anurag Kumar Gautam**, Shivendu Ranjan, Shubhini A. Saraf et al. "ECM Mimicking Biodegradable Nanofibrous Scaffold Enriched with Curcumin/ZnO to Accelerate Diabetic Wound Healing via Multifunctional Bioactivity." **International Journal of Nanomedicine** (2022): 6843-6859, **(Impact factor- 7.033)**. **Publisher, Dovepress.**

iii. **Anurag Kumar Gautam,** Pranesh Kumar, Biswanath Maity, Ganesh Routholla, Balaram Ghosh, Kumarappan Chidambaram, M. Yasmin Begum et al. "Synthesis and appraisal of dalbergin-loaded PLGA nanoparticles modified with galactose against hepatocellular carcinoma: in-vitro, pharmacokinetic, and in-silico studies." **Frontiers in Pharmacology (Impact factor- 5.988) Publisher, Frontiers.**

Book Chapter: 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).

2. Google profile of the faculty members, if available.

Prof. Gaurav Kaithwas

https://scholar.google.co.in/citations?user=6U7UbYUAAAAJ&hl=en

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=en&user=uQucveoAAAAJ&view_op=list_works&sortby=pubdate

4. Dr. Vijayakumar M.R.

https://scholar.google.com/citations?user=KKGFdycAAAAJ&hl=en

School of Management and 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

2. Course Offered:

I. Ph.D.,
II. MBA(Rural Management, Financial Management, Human Resource Management, Marketing Management Innovation Entrepreneurship & Venture Development&Defense Management)
III. BBA

3. Facilities available in the department:

IV. All amenities as offered by the Central Government
V. WI –Fi campus.
VI. Well-equipped computer lab.
VII. Rich department library along with central library
VIII. Placement and Training assistance.
IX. Smart Classroom

4. Details of Faculty:

i. Prof. Kushendra Mishra
Professor,
Dean, School of Management & Commerce
Head, Department of Commerce
Specialization: Economics, Legal and Regulatory Framework, Finance
Qualification: MBA, Ph.D. (Business Administration)

ii. Prof. Amit Kumar Singh
Professor
Head, Department of Management Studies
Coordinator, University Placement Cell
Specialization: Human Resource Management Personal Management and Industrial Relations Carbon Management Research Methodology Organizational Behaviour 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. Ramesh Kumar Chaturvedi**
Assistant Professor
Specialization: Consumer Research, Microfinance
Qualification: M.B.A, PhD, MDSE, MA (Public Administration)

v. Dr. Lata Bajpai Singh
Assistant Professor
Specialization: H.R.M. OB, Employee Engagement
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

5. Details of Seminar / Conference organized by the department:

i. Two days National seminar on "Building Atmanirbharat through Make in India" under Azadi ka AmritMahotsav,2-3 September 2022, sponsored by ICSSR, Convener –Dr. Taruna

ii. MDP on Entrepreneurship on 28 Sept. 2022 sponsored by Ministry of MSME, GoI, Coordinator, Dr.Taruna

iii. Two days International conference on "Religious Tourism" during 27-28 March, 2023, sponsored byMinistry of Tourism, GoI, Convener –Dr.TarunaNIL

6. Other Department level Academic Activities:

i. Alumni Meet-01 organized by Dr. Taruna

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

i. Cultural programs organized by Dr. Taruna during conferences and seminars.

8. Details of memorandum of Understanding signed with the national/foreign Institutions, if any::

i. MoU was executed between BBAU Lucknow and Bundelkhand University Jhansi, Coordinator, Dr. Taruna

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

Dr. Taruna

Indian Commerce Association (ICA) Life member

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

Dr. Taruna as Editor for two books as mentioned below

i. Book titled "Building Aatmanirabhar Bharat (2022) Edited by Dr. Taruna, Dr.ArpitShailesh,
ii. published by Weser Books, Germany ISBN: 978-396-492-48-65".
iii. Book titled "Make in India: A Path for Achieving Inclusive Growth (2023) Edited by Dr. Taruna,
iv. Dr. Arpit Shailesh, published by Bharti Publications, New Delhi, ISBN: 978-81-19079-05-06.

11. 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	Analysis of Rising Foreign Exchange Reserve in India: Benefits and Consequences	Contemporary issues in Banking & Finance	978-93-91-91681-90-6	Bharti Publication	National	2022	1-9
2	Revisiting HR practices for retening employees in todays globalized era	Emerging trend in Business and Management	978-93-90674-15-2	Shree Publishers and Distributors	National	2022	230-243
3	A review on the role of investors behavioural biases on investment decision	Recent Advances in Business and Management	978-93-94779-37-2	Bharti Publication	National	2022	75-86
4	A case study of Konbac Bamboo Cluster:	Green Washing and	978-93-94569-50-8	Mittal Publication	National	2022	61-66

	Entrepreneurial Drive for sustainable marketing	Climate Change					
5	Bibliometric Analysis on Behavioural Finance from 2012 to 2021	Sustainable Innovation in Management	978-97394569294	Mittal Publication	National	2022	223-233
6.	ExploringtheantecedentsofemployeesilenceanditsImpactonorganizationalcommitmentinselectIndianorganizations	Building Aatma Nirbhar Bharat	978-3-96492-486-5	Weser Book Germany	International	2022	111-122

12. Paper published during the year by the faculty members (during 01-04-22 to 31-03-2023)

1. **Taruna, Dr.,** Bharti, J.S; Singh, S.(2022) Delineating the HR practices for enhancing resilience amongst employees in the post-pandemic era, Pacific Business Review (International), 14, 58-65. **(Web of science)**
2. Kumar, Brajesh; Yadav, M.S.; **Taruna, Dr.** (2022) Gender, choice of stream and social interaction in higher education,Nagfani,42,185-187 **(UGC Care List)**
3. Yadav, S.K., Sharma, D.K; **Yadav, Taruna** (2022) Optimal strategy indecision making for the estimation of population variance using auxiliary parameters,2022 DSI Annual conference proceedings Nove.19-21,2022 Marriott Marquis Housten,TX,735-739 **(Scopus indexed)**
4. Ahmadini A.A.H., **Yadav, Taruna,** Yadav, S.K. and Al Luhayb, A.S.M. (2022)Restructured searls family of estimators of population mean in the presence of nonresponse, Frontiers in Applied Mathematics and Statistics, 1-10 **(Scopus indexed)**

13. Participated/ Paper presented in conference/seminar/workshop inside country:

Dr. Taruna: 07

14. Details of National Award/fellowship :

Receiving awards from state level, national level,	**Name of the award, fellowship, received from Government or Government recognised bodies**	**Name of the Awarding Agency**
Lata Bajpai Singh	Outstanding Paper	EMERALD AWARDS 2022 LITERATI
Lata Bajpai Singh	Awarded with Research & Academic Excellence	Babasaheb Bhimrao Ambedkar University, Lucknow

15. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**BBA**	**86**
	MBA	**180**
Number of Student selected in Civil Services (UPSC/UPPSC)	**02**	
Details of students selected for teaching in higher education	**03**	
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.	Monisha Bhatia	Prof. Amit Kumar Singh	Prof. Kushendra Mishra	A Study of Consumer Behavior in Omni-channel of Retailing focusing Apparel Industry with special reference to Uttar Pradesh	SVSGC
2.	Azmee Zaheer	Prof. Kushendra Mishra	Dr. Taruna	A Study of Supply Chain Management(SCM), Marketing of Cash Crop andEvaluating Strategies for Cost Reduction in Supply Chain with Special Reference to Uttar Pradesh	NON-NET
3.	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 inUttar Pradesh	SRF
4.	Manu Pal	Dr. Lata Bajpai Singh	-	A Study on the Role of Opportunities,Efforts and Resourcefulness on theEntrepreneurial Success of RuralEntrepreneurs	NON-NET

Ph.D. thesis submitted during the year

1.	Syed AsifMehdi	Dr. Lata Bajpai Singh	-	A QUANTITATIVE STUDY MEASURING THEEFFECT OF ENTREPRENEURIAL FEAR OFFAILURE ON THE PSYCHOLOGICAL WELL-BEING OF ENTREPRENEURS	SRF
2.	Pradeep Kumar Rai	Prof. Kushendra Mishra	Dr. Arpit Shailesh	AN EMPIRICAL ANALYSIS OF MGNREGA SCHEME AND ITS IMPACT ON SOCIO-ECONOMIC STATUS OF WORKING LABOURS IN UTTAR PRADESH	NFST
3.	Abhivykti Kumari	Dr. Ramesh K. Chaturvedi	-	Quality of Work Life among Employees of Microfinance Institutions in Eastern Region of UP: An Impact	RGNFSC

Ph. D student's Pursuing

1.	Neerja Rai	Prof. Kushendra Mishra	-	An Empirical Investigation on CustomerAdoptionIntenstion of loT (Internet of Things) in Commercial Banks of Lucknow	NON-NET
2.	Shalini Singh	Prof. Kushendra Mishra	-	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
4.	Shiwani Singh	Dr. Taruna	-	MEASURING THE IMPACT OF EMPLOYEEHAPPINESS ON ORGANIZATIONAL CITIZENSHIP BEHAVIOUR IN SELECT INDIANORGANIZATIONS	UGC-NET
5.	Jyoti Singh Bharti	Dr. Taruna	-	EXPLORING THE ANTECEDENTS OFEMPLOYEE SILENCE AND ITS IMPACT ON ORGANIZATIONAL COMMITMENT IN SELECT INDIAN ORGANIZATIONS	UGC NET JRF(NFSC)
6.	Shiv Kumar Tripathi	Dr. Ramesh Kumar Chaturvedi	-	-	NON-NET
7.	Salahuddin Khan	Dr. Taruna	-	-	NON-NET

8.	Srishti Chaubey	Prof. Kushendra Mishra	-	The effect of saving behaviorandinvestment patterns on the OrientationTowards Finance (ORTOFIN) for workingwomen	UGC-NET
9.	Richa Mishra	Prof. Kushendra Mishra	Dr. Ramesh Kumar Chaturvedi	DOPTION INTENTION OF E-COMMERCEPLATFORMS BY UNORGANISED FMCGSECTOR VENDORS IN LUCKNOW REGION	NON-NET
10.	Pankaj Kumar Gautam	Dr. Ramesh Kumar Chaturvedi	-	-	JRF
11.	ShreyasheeTripathi	Dr. Ramesh Kumar Chaturvedi	-	-	NON-NET
12.	Amarpreet Kaur	Prof. Amit Kumar Singh	-	-	NON-NET
13.	Ayush Sabat	Prof. Kushendra Mishra	-	-	----
14.	Mohammad Azim Mokhlis	Prof. Amit Kumar Singh	-	-	ICCR
15.	Asadullah Zahir	Dr. Taruna	-	-	ICCR
16.	Masood	Dr. Lata Bajpai Singh	-	-	ICCR
17.	Ziaulhaq Zia	Dr. Arpit Shailesh	-	-	ICCR
18.	Soonmo Kwon	Prof. Kushendra Mishra	-	-	----

M. Phil degree awarded

1	Roshni Kumari	Dr. Ramesh Kumar Chaturvedi	-	-	JRF

16. Google profile of the faculty members, if available :

1. Prof. Kushendra Mishra

	All	Since 2013
Citations	560	--
h-index	--	--
I 10-index	--	--

2. Dr. Ramesh Kumar Chaturvedi

	All	Since 2013
Citations	28	60
h-index	4	3
I 10-index	--	--

3. Dr. Lata Bajpai Singh

	All	Since 2013
Citations	110	109
h-index	5	5
I 10-index	5	4

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 165 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)

Ambedkar School of Social Sciences

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.

The School intends to further expand its horizon by opening more departments and centers and also network with industry, NGOs and civil society organizations to enrich its academic programmes for increasing opportunities for employment of its products and contribute to social development of the people, particularly the marginalized.

i. Department of History
ii. Department of Political Science
iii. Department of Sociology
iv. Department of Economics
v. Department of Public Administration
vi. Center for the study of Social Exclusion and Inclusive Policy (CSSEIP)

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:**
   - **i.** M.A. Economics
   - **ii.** Ph.D. Economics
   - **iii.** M.Sc. Economics

2. **FacilitiesavailableintheDepartmentlikeDepartmentalLibrary,Mootcourtetc.**
   - **i.** Departmenthaslatestwelldevelopedcomputercentrewithinternetfacility,statisticalsoftware such as STATA & SPSS.
   - **ii.** Departmentalairconditioneddocumentationcentrehaslatesttextandreferencebooks,journals , magazine, news papers, e-journals to support research Students and Projects.
   - **iii.** Smart Class Rooms are available in the department
   - **iv.** Each faculty has an individual chamber and latest computer facilities with statistical software.
3. **Detailsoffaculty:**
   - **i. Prof. L C Mallaiah**
     Professor & Head, Economics
     Specialization: Micro Economics, Ambedkar Economics, Gender Economics, Economics ofDiscrimination, Industrial Economics
     Qualification: M.A.M. Phil., Ph.D.
   - **ii. Prof. N M P Verma**
     Professor, Economics
     Specialization: Development Economics, Macro Economics
     Qualification: M.A., Ph.D.
   - **iii. Prof. Sanatan Nayak**
     Professor, Economics
     Specialization: Environmental Economics, Econometrics, Computer Applications inEconomics, Agricultural Economics,
     Qualification: M.A., M.Phil., Ph.D. M.Sc. (Ecology & Environment)
   - **iv. Dr. D K Yadav**
     Assistant Professor, Economics
     Specialization: Monetary Economics, Econometrics Mathematical Economics, Statistics, PublicEconomics
     Qualification: M.A., Ph.D.
   - **v. Dr. Surendra Meher**
     Assistant Professor, Economics
     Specialization: Labour Economics, Agricultural Economics, Economics of Growth andDevelopment, International Economics
     Qualification: M.A., M.Phil. & Ph.D.
   - **vi. Dr. Pranav Kumar Anand**
     Assistant Professor, Economics
     Specialization: Agricultural Economics, Economics of Growth and Development, Quantitati Methods, Public Economics & Indian Economy
     Qualification: M.A., M.Phil. & Ph.D.
   - **vii. 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. **Member/fellowship of professional/Academic bodies/editorial board (kindly don't furnishconfidential work)**

   i. Prof. N M P Verma
   a. Indian Economists Association Trust(IEAT)
   b. VARTA, Allahabad University, Editorial
   c. Association of Social and Economic Developmental Studies(ASEDS)
   d. Advisory Board, Economy India
   e. International Journal of Economics and Finance, Canada

   ii. 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).

iii. 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

iv. 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.**

v. 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

5. OtherDepartmentallevelAcademicActivities

i. Prof. L C Mallaiah

a. Worked as Head, Dept. of Economics February, 17, 2022 to till date.

ii. Prof. Sanatan Nayak

a. Chairman, OBC Cell.
b. Member in Budget Committee, BBAU

iii. Dr. Pranav Kumar Anand

a. IQAC, Coordinator, Department of Economics: (**Since 28-11-2019 to 07-08-2022).**
b. Departmental Alumni Coordinator, Economics: **Since, 2019-20 to June, 2022.**
c. DRC Member, DE, ASSS, BBAU **(Since 02/03/2021 to 01/03/2023**)
d. BPGS Member, DE, SEC, BBAU (**Since 12/10/2017**)
e. Member Research Advisory Committee (RAC), Department of Sociology, BBAU; (Since 06/03/2020).
f. School Board (ASSS) Level: Member; ASSS; **from 02-05-2023.**
g. Programme Officer, NSS, BBAU; from 01-02-2022
h. Convenor; **Xth Convocation, 2022-23**: Seating Arrangement, BBAU

iv. Dr. Surednra Singh Jatav

a. Member BPGS, Department of Economics BBAU (20231-24)
b. Member BUGS, Department of Commerce (2021)

6. Details of Books Written/edited by faculty members.

i. Dr. Pranav Kumar Anand

a. (Co-author) Health Systemin Jammu and Kashmir: Challenges and Opportunities; **Shineeks Publlishers; Las Vegas, USA. June, 2022.**

ii. Dr. Surendra Singh Jatav

a. Climate Change and Agriculture in India: Vulnerability to Adaptation

iii. Prof. Sanatan Nayak

7. Detailsofediting journals and magazine.

i. Prof. N M P Verma

a. Economy India (Advisory Board)

iii. Dr. Surednra Singh Jatav

a. Associate Editor, Frontiers of Sustainable Food Systems

8. DetailsofBookChapterineditedvolume

i. Prof. N M P Verma

a. Sociopolitical impact of Covid, **Chapter No 16:** Political Economy of the COVIDPandemic
Are Nations Headed for Depression and War? Publishedby :Editor-R.C. Sobti,Routledge

ii. Prof. Sanatan Nayak

a. Green Energy, Technology and Climate Change: India's Role in G-20 Presidency, inManoj Kumar Agarwal (ed), **G-20: Issues and Opportunities**, Higher EducationDepartment, Government of Uttar Pradesh, 2023.

iv. Dr. D K Yadav

v. a.Chaptertitled**"**PatternsofMisalignmentbetweenPerformance ofFundamentalVariablesandExchangeRateDeterminationinaGlobalizedWorld",publishedbySpinger,doihttps://doi.org/10.1007/978-3-031-24101-7_4,PrintISBN978-3-031-24100-0OnlineISBN978-3-031-24101-

vi. Dr. Pranav Kumar Anand

a. 'MigrationandItsImpactontheRuralEconomyduringCovid-19';(Edited)*International Handbook of Disaster Research;* **Springer Nature Singapore Pte Ltd.**2022;ISBN No. 978-981-16-8800-3 (Online); **August, 2022.**

b. 'GlobalEnvironmentalConcernsofContractfarming:NeedforSustainabledevelopmentinAgriculturalPracticesinIndia',(EditedBook)*EnvironmentandSustainable Development: Perspectives and Issues;* **Routledgeand Taylor, FrancisGroup,** ISBN: 978-1-032-33240-6; **2022.**

9. PaperPublishedduringtheyearbythefacultymembers(during01.04.2021-31.03.2022).

ii. Prof. N M P Verma

a. Post independent India: Has miseries been contained, Economy India, Sep 2022.
b. An alluring pre Election Budget, Economy India, February 2023

ii. Prof. Sanatan Nayak

a. Basic Amenities, Deficiency-induced Ailments, and Catastrophic Health Spending in the Slums ofLucknow, Uttar Pradesh along with Surendra Singh Jatav in **Economic and Political Weekly,** Vol.LVIII, No 11, March 18, 2023.
b. b.AccessandDeterminantsofFormalAgriculturalCreditinUttarPradesh,IndiaalongwithSurendra Singh Jatav in **Journal of Rural Development,** Vol. 41, No. 2, April-June, 2022.
c. Measuring and Mapping Food Security Status of Rajasthan, India: A District-level Analysis alongwith Surendra Singh in **Frontiers in Sustainable Food Systems**, Vol.6, April, 2022.

iii. Dr. Surendra Meher

a. ***"Interstate Disparities in Education and Health Expenditure: A Multivariate Analysis"*** (Co-author with Ruchi Bhalla),IASSI Quarterly: Contributions to Indian Social Science (UGCListed), Vol. 41, No. 4, 2021, ISSN: 0970-9061, pp. 534-548.

iv. Dr. D K Yadav

b. Paper entitled "Pattern of GDP Growth Rate, Inflation, Interstate Rate in Post Reform Period(1991-2017): A Comparative Analysis of India, China and USA", Published in Quest Journal of Research in Humanities and Social Science,Volume10~Issue 5(2022)pp:48-58ISSN(Online):2321-9467

vi. Dr. Pranav Kumar Anand

a. Covid-19 Pandemic and Employment in India: An Empirical Study', **International Journal ofHumanities Social Science and Management (IJHSSM)**; Refereed Journal; Volume 2, Issue 4,pp: 225-232; **Sep.-Oct. 2022,ISO 9001: 2008 Certified Journal; Impact Factor: 7.52.**

b. 'Analysis Of Sector Dualism In India Since 1991', **Rabindrabharati Journal Of Philosophy**, **UGCCare Group-I Journal Listed**; Vol.: XXIII, No:19; ISSN:0973-0087; **August, 2022.**

vii. Dr. Surendra Singh Jatav

a. Development of Multidimensional Food Security Index for Rajasthan, India: A District-levelAnalysis, Local Development & Policy (Tylor and Francis), Vol. 3, No. 2 (2022), ISSN-2688-3600.
b. Access and Determinants of Formal Agricultural Credit in Uttar Pradesh, India, Journal

ofRural Development, Vol. 41, No. 2 (2022), ISSN- 09703357.

c. Basic Amenities Deficiency Induced Ailments and Catastrophic Health spending of Slums inLucknow, Uttar Pradesh (accepted), Economic and Political Weekly, ISSN- 00129976.
d. Development of Agriculture Sustainability Index for Bihar: A District-level Analysis, Journal ofAgricultural and Food Chemical Engineering, Vol. 2, No. 2 (2022), ISSN- 25832441.

10. Participated /paper presented in conference /seminar/workshopinsidecountry.

i. Prof. N M P Verma

a. Chairman Presentation Indian Economic Association Conference Dec 27-28., 2022, Ranchi

iii. Dr. Surednra Meher

a. ***"CurrentStatusoftheBIMARUStatesofIndia"***presentedatInternationalConferenceonInterdisciplinaryApproachestowardsSocio-EconomicInclusivenessforSustainableDevelopmentorganizedbyUniversitySchoolofBusiness,ChandigarhUniversityincollaborationwithCurtinUniversity, Australia, University of North Alabama, USA and United Nation Academic Impact, USAheld on 3-4 June 2022.

b. ***"Labour Productivity Differentials in Organised Manufacturing Sector of India: An InterstateAnalysis",*** presented in Two Day National Conference on Changing Dynamics of Economic andFinancialSector:IssuesandChallengesforSustainableDevelopment",organizedbytheDepartmentof Economics, Birla School of Social Sciences & Humanities, Birla Global University, Bhubaneshwar,India, 04-05 March, 2023.

iv. Dr. Pranav Kumar Anand

a.Presented paper on, '*Socio-economic Disparities with Differently Abled Girl Child and itsEducational challenges'*, in the National Commission for Women, New Delhi, Seminar Themeon 'Inclusiveness of the Differently Abled Women: Opportunities and Challenges in India",BBAU, Lucknow; **30th-31stDecember, 2022.**

v. Dr. Surednra Singh Jatav

a. ThreeDaysICSSSponsoredInvitedLectureSerieson"ChallengesandIssuesinIndianAgriculture" organized by Centre for Development Studies from 9-11 May, 2022.
b. Two week Capacity Building Programme for Assistant Professors During 04thJuly, 22 to 16thJuly, 2022 organised by Centre for Economic and Social Studies, Hyderabad Telangana.
c. TwoWeekCapacityBuildingProgrammeforAssistantProfessorsduring25.07.2022-05.08.2022 organized by Department of Humanities and Social Sciences, Indian Institute ofTechnology, Roorkee, Uttarakhand.
d. Five Days Online Faculty Development Programme on Environment Management and FuturePathways organized by School of Science, OP Jindal University, Raigarh from 27-31 March,2023.

11. Attended/participatedinconferences/seminar/workshopoutsidecountry.

12. Consultancyworks,ifany

(a) Paidconsultancywithamountreceived
(b) Freeconsultancywithdetailsofclient

i. Prof. N M P Verma

A. Chairman, NAAC peer team for Quality assessment of

a. Chairman NAAC (Peer Team), Nehru PG College Chhattisgarh, April 24-25, 2022
b. Chairman NAAC (Peer Team), Secab Association's A R S Inamdar Arts, Science And Commerce CollegeFor Women, Vijapur, Karnatka, June 01-02, 2022
c. Chairman NAAC (Peer Team), Shivaji College, Omerga, Maharashtra, June 16-17,2022
d. Chairman NAAC (Peer Team) GFGC, Siddakatte Mangalore, Karnataka, Jan 30-31, 2023
e. Chairman NAAC (Peer Team) GFGC, Hassan, Karnataka, Feb 15-16, 2023
f. Chairman NAAC (Peer Team) GFGC, Bommanahali Near Hampi, Karnataka,2
g. Chairman NAAC (Peer Team) GFGC TiruvekereTumkuru, Karnataka, 2023

B. DRC member:

a. DSMNRU, Lucknow, (cont.)
b. DRMLAU, Ayodhya, (cont.)

C. Member BoS

a. DRMLAU, Ayodhya, (cont.) attended on 11.08.2021
b. Allahabad Central University, (cont.) attended on 01.09.2021
c. Chairperson, Indian Economists' Trust, Jan, 2022

D. Selection committee:

a. Selection Committee, MMMTU Gorakhpur,July 06, 2022
b. Selection Committee, UPHESC, Allahabad, July 07-08,2022
c. Selection Committee of Contract Teacher Dayanand PG College, Bachharawan, Raibareli (LU) Sep 14,2022
d. Selection Committee of Arya Kanya CollegeFor CAS Professor Buindelkhand University, Jhansi ,
July 30, 2022
e. Selection Committee for CAS professorPost Lalitpur College, Bundelkhand University, Jhansi, Aug22,2022
f. Selection Committee, Bhagwan Baksh Singh Degree College (LU),Sep 13, 2022
g. Screening Committee Allahabad University, Department of Economics, Feb 20,2023
h. Board of Studies, Allahabad University, Sep 2023
i. DRC Member Dr. SMNRU Lucknow, Sep 28,2022
j. Board of Studies, Dayalbagh Educational Institute, Agra, Feb 2023 (Online)

13. Detailsofinvitedlecturesinsidecountry

i. Prof. Sanatan Nayak

a. Deliveredaspeciallectureontopicentitled"**AnAnalysisofNationalBudget2023-24"**on11th February, 2023 conducted by Navyuga Kanya Mahavidyalaya, Lucknow
b. Deliveredaspeciallectureontopicentitled"**AgriculturalGrowthandEconomicDevelopmentinIndia"** on 10thFebruary, 2023 conducted by **U.P. Water and Land Institute**, Lucknow.
c. Deliveredaspeciallectureontopicentitled"**GreenEnergy,TechnologyandClimateChange:Prospects for G20 Presidency in India"** on 19thJanuary, 2023 conducted by Department of Economics,Lucknow University, Lucknow.
d. Delivered a special lecture on topic entitled "**Sustainability of Agriculture and Food Security in India"** on 31stOctober, 2022 conducted by Department of Economics,Jammu University.
e. Delivered a special lecture on topic entitled "**Environmental Cosmos, Consciousness and Policies"** intheWorkshopentitled"**CreatingIntellectualHeritage:Development,KnowledgeResourceand Making"** on 10thOctober, 2022 conducted by Department of Political Science, BBAU, Lucknow.
f. Delivered a special lecture on topic entitled "**Sampling Design, Bivariate and Multivariate Regressionanalysis"** in the Two Weeks Capacity Building programme for Social Sciences (from 20thJune to 2ndJuly 2022)on 28thJune, 2022 conducted by GIDS, Lucknow.
g. Delivered a special lecture on topic entitled "India's role on Pollution Control and International ClimateChange Agreement**"** in the Two Weeks Capacity Building programme of UGC-HRDC, under MizoramUniversity for Social Sciences on 24thJune, 2022 conducted by Mizoram University, Mizoram.

i. Prof. N M P Verma

a. Delivered a special lecture on topic entitled Valedictory Lecture Faculty Development Programme, GIDSLucknow, July 02, 2022
b. Delivered a special lecture on topic entitled Innovation and Start-up, Jammu University, Udhampur Campus,Sep 09, 2022, (Online)
1. Delivered a special lecture on topic entitled Inaugural Lecture, Faculty Development Programme, AmityUniversity, Lucknow, Aug 23, 2022

2. Delivered a special lecture on topic entitledInduction Programme on Entrepreneurship and Development, Dr.
   RMLAU, Ayodhya, Sep 15, 2022

c. PanelDiscussiononBudget,InstituteofResourceManagementandEconomicDevelopment,NewDelhi,Feb21,2022 (Online)

ii. Dr. D K Yadav

a. Delivered invited lecture in Pre-Doctoral Course Work in Economics, organized by theDepartment of Economics, University of Allahabad on 08/06/2022 on topic "Methods ofEstimation of Parameters and its Limitations".

b. Delivered invited lecture in Jindal School of International Affairs (JSIA) on 30thMay, 2022on topic "Financial Inclusion Schemes in India".

c. Delivered invited lecture as panelist in 2ndInternational E-Conference organized by JindalSchool of International Affairs (JSIA) during 5-6 February, 2022 on topic "The Rise of theGlobal South and the Future World Order Post Covid-19 Pandemic".

d. Delivered invited lecture in training programme of newly appointed statistical officers ontopic "Performance of Indian Economy in the post reform period: With special reference toregional economies" organized by Department of planning , Govt. of Uttar Pradesh on16/01/2023.

ii. Dr. Surendra Singh Jatav

14. RoleofStart-upEcosystemtowardsIndia'sFiveTrillionDollarEconomyVisionatMaharishiUniversity, Lucknow on 13thDecember, 2022.

15.* Details of Research Projects *(major and minor)

Dr. Surendra Singh Jatav
Received research grant (seed money of 50,000 INR) from BBAU, Lucknow for the research proposalentitled "Development of Multidimensional Food and Nutritional Security Index for Different Agro-Climatic Zones of India: A Geo-spatial Analysis"

16. Studentsachievements

i. Accomplishment of the students.

Number of Students completed theirmaster/graduation/ Diploma	M.A.	37
No. of student pursuing Higher Studies	03	
No. of student selected on other governmentjobs/banking/school teaching etc	02	
No. of student awarded SLET/NET/JRF any otherfellowship	05(NET)	

a. Faculty wise supervision of the M.Phil. Dissertation Awarded:-

S. No.	Name of Scholars	Name of Supervisor	M.Phil. Topic	Fellowship availed/availing
1.	Naveen Linda	N M P Verma	Impact of Inflationon Unemploymentand GDP during Pandemic in India: AShort Term Analysis	Non-NET Fellowship

b. Faculty wise supervision of the M.Phil. Dissertation Submitted:-

	Name of Scholars	Name of Supervisor	M.Phil. Topic	Fellowship availed/availing
1.	--	--	--	--

d. a. Faculty wise supervision of the Ph.D. 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 Since1991.	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	Naveen	Prof. N M P Verma	Political Economy of PublicExpenditure in India: SocialChoiceandRedistributionduring Post-Reform Period	UGC-SRF
4	Mukesh Kumar	Prof. SanatanNayak	CapitalFormationinAgriculture Sector in India:ACaseStudyof Bundelkhand Region	ICSSR- Fellowship
5	Samarth Shukla	Dr. Pranav KumarAnand	SectoralDualisminIndia:AStudyofStructuralChange since1991	Non-NET Fellowship
6	Debabrata Sahoo	Prof. SanatanNayak	ExtractionofMineralResources and Its Impact onLocalLivelihood:ACase Study of Odisha	UGC-JRF
7	Kuhu Awasthi	Dr. SurendraMeher	LabourProductivityandWagesintheOrganisedManufacturingSector:AnInterstates Analysis in India	Non-NET Fellowship
8	Sadhana Singh	Prof. L C Mallaiah	Impact of Credit Uttar Pradesh	UGC-JRF
9	Manoj Kumar	Prof. SanatanNayak	RuralPrimaryHealthcareInfrastructure: A Case StudyofJaunpur District in UttarPradesh	NFSC-Fellowship
10	Brijesh Kumar	Prof. N M P Verma	Impact of Fiscal Policies onSlowdown ManufacturingSectorinIndia:ACaseofAutomobile Sector	NFSC-Fellowship
11	Ved Prakash	Dr. Pranav KumarAnand	WomenParticipationandEmploymentGeneration:RoleofMGNREGAwithSpecial ReferencetoBareillyDivisioninUttar Pradesh	Non-NET Fellowship

12	Supriya Gautam	Prof. L C Mallaiah	The Impact of Farmer Producer Organizationon Socio-Economic Conditions of Smalland Marginal Farmers in Uttar Pradesh	Non-NET Fellowship
13	Mohd Sadiq	Dr. SurendraMehe r	Impact of Tourism on Employment and Income Generation in India: A Comparative Study of Kashmir and Ladakh	Non-NET Fellowship
14	Vikas PratapSingh	Prof. N M P Verma	AStudyofCorporateTaxation and Its Impact onIncomeandProfitofMajor FMCG Companies in India	Non-NET Fellowship
15	Shreya Kanojia	Dr. D.K.Yadav	Agrarian Crises in India: AComparativeAnalysisofUttarPradeshand Maharashtra	UGC-JRF
16	PushpendraKumarSingh	Prof. SanatanNayak	MultidimensionalPovertyin UrbanSlums:ACaseStudyof LucknowCityin Uttar Pradesh	UGC-JRF
17	Ashu Chaudhary	Dr. Pranav KumarAnand	An Analysis of ConsumerBehaviourofOrganicProducts: A Case Studyof Lucknow District inUttar Pradesh	NF-OBC Fellowship
18	Anushka Singh	Dr. SurendraMehe r	UnpaidCareWorkandEmploymentDynamicsamong Females in India: ACaseStudyofUttarPradesh	UGC-JRF
19	Disha Ghildiyal	Prof. L C Mallaiah	Economic Evaluation ofOrganicand Non-Organic FarminginIndia:ACaseStudy of Uttarakhand	Non-NET Fellowship
20	Ruchika Pandey	Prof. N M P Verma	AnEconometricAnalysisof Inter-relationshipbetweenPublicDebtandMacroeconomic Performance of India	UGC-JRF

21	Pooja Tiwari	Prof. L C Mallaiah	EconomicAnsysisofImpactof SkillDevelopmentProgrammsonWomenEmpowermentinUttarPradeshwith specialreferencetoPMKVY	UGC-JRF
22	Nidhi Singh	Prof. N M P Verma	ExportofIndianSoftwaredurin g2012-2022:ATrend Analysis	**UGC-JRF**
23	Anju Dubey	Prof. L C Mallaiah	Economic Effciency Analysis of Women Entrepereurs in Uttar Pradesh	UGC-JRF
24	Rashid Gouhar	Prof. SanatanNayak	ExploningtheClimateFinance PotentialanditsLinkagewithEconomicDevelopment:ASpecialReferencetoIndiaand Lucknow city	UGC-JRF
25	Saleha JameelAnsari	Dr. D K Yadav	Foreign Exchange Rate andFundamentalVariable:AnaysingtheRoleofInternational MonetarySysteminthecontext of G20 Nations	Non-NET Fellowship
26	Ajay KumarGautam	Prof. N M P Verma	Cost-Benift Analysis of Solar Energy Production and Consumption :A Case Study of Lucknow	UGC-JRF
27	Ankit Kanojia	Prof. N M P Verma	AnInpact Analysis of Incubator Centresin Promoting Start-Ups in India: A Study with specialrefernceto Gurugram and Faridabad District of Haryana	UGC-JRF
28	Shivangi	Prof. L C Mallaiah	Economic Impact of ICT inAgriculturalDevelopmentin Uttar Pradesh with Special reference to e-NAM	UGC-JRF
29	Pankaj Kumar	Dr. D K Yadav	FiancialInnovationsandMoneySupplyPatterninIndia: Analysing the Role ofPublicBehaviourinthePost Reform Period	NFSC-Fellowship

30	Nathoo Bharati	Dr. Surendra SinghJatav	AnEconomicAnalysisofFarmer'sPerceptiononClimateChangeandClimateVulnerabilityin UttarPradesh:EvidencefromDraughtProneand Flood Prone Regions	Non-NET Fellowship
31	Naveen Linda	Prof. N M P Verma	AnEconomicAnalysisofPublicSectorBanksFinancialPerformanceinIndianStockMarket: AStudy with the reference totheFourMajorMerged Public Sector Banks	Non-NET Fellowship
32	Kamlesh Meena	Prof. Sanatan Nayak	Health Financing in India	NFST Fellowship
33	Shivansh Tripathi	Dr. SurendraMehe r	EmploymentDynamicsofGig EconomyinIndia:AComparativeStudyofGig WorkersinTier-2citesofUttar Pradesh	Non-NET Fellowship
34	Khushboo Gupta	Prof. L C Mallaiah	ImpactofAgriculturalCreditonSmallandMarginalFarmerswithSpecialReferencetoKisan Credit Card in U.P.	UGC-JRF
35	Kamal Kaushik	Dr. Surendra Singh Jatav	Draptout	---
36	A. NAWABI	Dr. D K Yadav	Demonetazation,FinancialInnovationsandPatternofMoneyDemandinIndia:Analyzingtheimpacton Black Economy	---

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

Sl. No.	NameofScholars	NameofSupervisor	Ph.D.Topic	Fellowship availed/availing
1	Anjali Singh	Prof. N M P Verma	AnEconomicAnalysisofInvestmentandMarketingEfficiency of Jaggery Industryin UP: A Study ofAyodhyaDistrict	ICSSR- Fellowship
2	Rabiya Javed	Dr. D K Yadav	ImpactofMonetaryandFiscalPolicies on Macroeconomic Variables.	Non-NET Fellowship
3	Priti Jha	Prof. Sanatan Nayak	LinkagebetweenTradeandScarcity of Water : A Case StudyofWaterIntensiveIndustryinUttar Pradesh	ICSSR- Fellowship

4	Shekhar	Dr. SurendraMehe r	EvaluationofAgriculturalMarket Efficiency in India: AComparativeStudyofPunjab and Uttar Pradesh	NFSC Fellowship

f. Faculty wise supervision of the PDF Students Submitted PDF Degree:-

S. No.	NameofScholarsNa	me of Supervisor	PDF Topic	Fellowship availed/availing
01	Dr. Rashmi Shukla	Sanatan Nayak	Inequities and Health CostsMeasurementinUrbanDrinkin gwaterandSanitation: A Case Study ofLucknow City	UGC- Fellowship

17. Google profile of the faculty members

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	35	27
h-index	4	03
i10-index	0	00

Dr. Surendra Singh Jatav

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

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**
   M. A., & Ph. D Programmes
2. **Facilities available in the Department like Departmental Library, Moot court etc.**

Departmental Computer Lab cum-Library and Moot court also available in the Department

3. **Details of Faculty**

Sr. no.	Name	Designation	Qualification	Area of Specialization	Teaching Experience
1	Bibhuti Bhushan Malik	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Ecology and Environment; Sociological Theory; Sociology of Poverty and Economic Deprivation	24 Years
2	Manish K. Verma	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Environment and Development; Globalization Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Rural Ecology	24 Years
3	Birendra Narain Dubey	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Education; Tribal Sociology; Social Justice and Social Movements	23 Years
4	Jaya Shrivastava	Professor & Head	M.A.(BHU), Ph.D.(VKSU) Post Doctorate (University of Houston – Clear Lake, Texas, USA)	Gender Studies; Social Gerontology; Human Rights and Social Justice; Research Methodology	23 Years
5	Brajesh Kumar	Associate Professor	M.A., Ph.D. (BHU, Varanasi)	Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education	14 Years
6	Ajay Kumar	Assistant Professor	M.A., M.Phil (University of Lucknow) Ph.D (BBAU, Lucknow)	Sociology of Social Movements, Sociology of Dalit & Marginalised Communities, Sociology of Indian Society, Sociology of Rural and Urban Life in India.	2 Year 5 months

4. **Details of the Seminar/Conference organized by the Department**
   1. One Day Workshop cum training programme on "Stand Up Against Street Harassment training programme" dated 28 July. 2022, jointly organized by Breakthrough and L'Oréal Paris recognize & Department of Sociology, BBAU, Lucknow.
5. **Other Departmental-Level Academic Activities**
   Detail of Special Lecture

Sr. No	Expert	Date	Activities conducted	Topic
1	Prof. Ajit Kumar Pandey (BHU Varanasi)	26.07.2022	Special Lecture	The Evolution of Theoretical Sociology
2	Prof. Shweta Prasad (BHU, Varanasi)	03.11.2022	Special Lecture	Methods of Feminist Enquiry
3	Prof. I. S. Chauhan (Former VC Barktulla University)	07.11.2022	Special Lecture	फिजी में उत्तर प्रदेश के भारतवंशी
4	Prof. Anjali Seth & Shweta Upadhyay (Faculties of Art of Living)	12.05.2023	Special Lecture	Capabilities for leading a Good Life
5	Prof. Azra Abidi (JMI Univeristy New Delhi)	30.05.2023	Special Lecture	Armed Conflict and Its Impact on Girls Education
6	Dr. Jennifer Bates, (Assistant Professor of Archaeological Science, Seoul National University, South Korea)	04.11.2023	Special Lecture	Sociological Significance of Archaeology

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

Prof. Bibhuti Bhushan Malik

Member of Highest Academic Bodies

- **i.** Member for preparation of Budget Estimate of the University for the financial year 2023-24, Babasaheb Bhimrao Ambedkar University from 23 December, 2022
- **ii.** Member, Finance Committee, Babasaheb Bhimrao Ambedkar University from 09 September, 2022 to 9th February 2023
- **iii.** Member, Board of Management, Babasaheb Bhimrao Ambedkar University, Lucknow, from 18th August, 2022 to 9th February 2023
- **iv.** Member, Standing Audit Committee for settlement of pending Audit Paras, Babasaheb Bhimrao Ambedkar University, Lucknow, from 16th August, 2022 onwards.
- **v.** Member, Planning Board, Babasaheb Bhimrao Ambedkar University, Lucknow, from 06th June, 2022 to to 9th February 2023.
- **vi.** Member, Academic Council, Babasaheb Bhimrao Ambedkar University, Lucknow, from August 2015 onwards.

Member of Other (Miscellaneous) Committees

- **i.** Member, Committee for Issues of Dept. of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
- **ii.** Member, Committee for pay Fixation of Prof. Ramchandra and F O Ramashankar Singh, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
- **iii.** Member, Committee for Remuneration of Guest Faculty/Resource Person, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
- **iv.** Member, Review the Fees Paid to Standing Counsel and Lawyers for the University, Babasaheb Bhimrao Ambedkar University, Lucknow.
- **v.** Member, Committee for Recommendation of Gold Medal to the Topper among SC/ST Students, Babasaheb Bhimrao Ambedkar University, Lucknow, from 1 February 2010.
- **vi.** Member, R and P Rules Committee, Babasaheb Bhimrao Ambedkar University, Lucknow.

Prof. Manish Kumar Verma

- **i.** Assessor of UGC's National Assessment and Accreditation Council (NAAC), Bangalore
- **ii.** Subject Expert, Indian Council of Social Science Research (ICSSR), New Delhi
- **iii.** Board Member, WG 05 (Famine and Society), International Sociological Association for the session 2023-2027.
- **iv.** Chief Co-ordinator (Programme), WG 05 (Famine and Society), International Sociological Association for the session 2018-2022.

v. Chairman, U.P. State level Multidisciplinary Committee for Evaluation of Impact Assessment Study Reports under LAAR Act 2013 of various Infrastructure Projects and Suggest Rehabilitation Measures (Poorvanchal Expressway, Lucknow Metro, ATS etc.).
vi. Member, 'Institutional Ethics Committee', Super Specialty Cancer Institute & Hospital, Lucknow from 01.01.2020 to 31.12.2024.
vii. External Member, Board of Studies, Department of Sociology, Shakuntala Mishra national rehabilitation University, Lucknow (U.P.).
viii. Secretary, Indian Sociological Society, N. Delhi 27
ix. External Member, Board of Studies, Department of Sociology and Social Work, APS University, Rewa (M.P.).
x. External Member, Board of Studies, Department of Sociology and Social Work, Choudhary Charan Singh, Meeruth University, Meeruth.
xi. External Member, Board of Studies, Department of Sociology, Kanpur University, Kanpur.
xii. 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.
xiii. 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.
xiv. External Member, Board of Studies, Department of Sociology, School of Social Sciences, Siddharth Nagar University, Kapilvastu, Siddharth Nagar (U.P.) for 2022 to 2023.
xv. External Member, Research Advisory Committee, Department of Sociology, School of Social Sciences, Awdhesh Pratap Singh University, Rewa (M.P.) for 2022 to 2023.
xvi. . 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.
xvii. 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.
xviii. External Member, Board of Studies, Department of Sociological Studies, Central University of South Bihar, Gaya (Bihar).
xix. Member, BPGS, Department of Sociology, Tripura Central University, Agartala
xx. Life Member, Indian Sociological Society (ISS)
xxi. Life Member, Rajasthan Sociological Association (RSA)
xxii. Member, International Sociological Association (ISA)
xxiii. Peer Reviewer/Content Reviewer of Study Material, Sikkim Manipal University
xxiv. Course-Coordinator, Sikkim Manipal University
xxv. Secretary, RC-07, Rural, Tribal and Peasant Sociology of Indian Sociological Society (ISS)
xxvi. Member, Editorial Board, Journal of Uttarakhand Academy of Administration, Nainital, Uttarakhand
xxvii. Member, Advisory Board, Journal 'Abhisaran', Bid, Maharastra
xxviii. Member, Editorial Board, Journal 'Research Process', Aurangabad, Maharastra
xxix. Member, Editorial Board, International Journal, "Social Science and Development Policy", Lucknow
xxx. Member, Editorial Board, Journal 'Sociology Today', Bangalore, Karnataka

Membership of Internal / University Level Academic Bodies

i. Ex-officio Member, Examination Committee of Babasaheb Bhimrao Ambedkar University, Lucknow in the capacity of the Dean, Ambedkar School of Social Sciences
ii. Chairman, School Board of Ambedkar School of Social Sciences (In the capacity of Dean, Ambedkar School of Social Sciences)
iii. Member (in the capacity of Controller of Examinations) of Group-A cadre Modified Assured Carrier Progression Scheme (MACP) committee
iv. Member (in the capacity of Controller of Examinations) of Group-B cadre Modified Assured Carrier Progression Scheme (MACP) committee
v. Convener, University Equivalence Committee, BBAU, Lucknow
vi. Convener, University Research Degree Committee (RDCU), BBAU, Lucknow

vii. Member-convener, Examination Committee, BBAU, Lucknow
viii. Member, Academic Council, BBAU, Lucknow
ix. Deputy Coordinator, UGC-SAP, Deptt. of Sociology, BBAU, Lucknow
x. Chairman, Placement Cell, Department of Sociology, BBAU, Lucknow

Prof. Birendra Narain Dubey

i. Life Member, International Sociological Association
ii. Life Member, Indian Sociological Society
iii. Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow
iv. Member, DRC, Deptt. of Sociology, BBAU, Lucknow
v. Member, School Board, School for Ambedkar Studies, BBAU, Lucknow
vi. Comparative Education Society of India
vii. Life Member, Indian Teachers' Association
viii. Life Member, Association for Socio-Economic Development
ix. Life Member, All Indian Rights Organization
x. Convener, RC 05 (Sociology of Education) Indian Sociological Society
xi. Reviewer, IMPRESS, ICCSSR, New Delhi

Prof. Jaya Shrivastava

i. Senate Member, National Institute of Technology (NIT) Jalandhar, Punjab, India
ii. Member, Research and academic Programme Committee, Giri Institute of Development Studies (GIDS), Lucknow, India
iii. Life Member, Indian Sociological Society.
iv. Member, American Sociological Society.
v. Life Member, Asian Association of Women's Studies.
vi. Life Member, Indian Association of Women's Studies.
vii. Life Member, Indian Social Science Academy.
viii. Life Member, Indian Social Science Association.
ix. Life Member, ASEDS
x. Member, Editorial Board, All Journals published by Rajakiya Sangrahalaya, Jhansi.
xi. Member, Editorial Board, Indian Journal of Bio-Research, Social Science Volume, Lucknow.
xii. Member, Editorial Board, Research Post Journal, Jaipur.
xiii. Chairperson, Departmental Research Committee (DRC), Department of Sociology, SAS, BBAU, Lucknow.
xiv. Chairperson, Board of Post-Graduate Studies (BPGS), Department of Sociology, BBAU, Lucknow.
xv. Chairperson, Internal Quality Assurance Cell (IQAC), Department of Sociology, BBAU, Lucknow .
xvi. Member, Implementation of National Education Policy, BBAU, Lucknow
xvii. Member, Manpower Monitoring Committee, BBAU, Lucknow
xviii. Member, University Human Values Committee to inculcate Human Values and Professional & Research among the UG – PG Students and Ph.D. Scholars of the University BBAU, Lucknow.
xix. Member, SC/ST Advisory Committee, BBAU, Lucknow.
xx. Member, Editorial Advisory Committee, Sociological Bulletin, a Journal of Indian Sociological Society.

Dr. Brajesh Kumar

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

Dr. Ajay Kumar

Membership in Professional Bodies :-

i. Life Member of BBAU Alumni Association.
ii. Life Member (LMI-3836), Indian Sociological Society, New Delhi.
iii. Member of Research Committee-9, Dalits and Backward Classes, Indian Sociological Society, New Delhi.
iv. Member of Research Committee-10, Gender Studies, Indian Sociological Society, New Delhi.

v. Member of Research Committee-17, Social Movements, Indian Sociological Society, New Delhi.
vi. Member, Editorial Board, the perspective International Journal of Social Science and Humanities.
vii. 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.

Administrative Experience and Member in Academic Bodies

i. Member of Admission Monitoring Committee, BBAU-2023-24.
ii. Member Secretary of Committee for Alumni Interaction-2023.
iii. Member of Committee for the review the format of the "Annual Performance Appraisal Report (APAR /SAR), BBAU-2023.
iv. Member of Committee for Unnat Bharat Abhiyan, BBAU.
v. Member Secretary of PhD Entrance Test Confidential committee (2020-21) winter Session, BBAU.
vi. Member Convener of Quiz Competition Committee on the birth anniversary of Dr. Babasaheb Bhimrao Ambedkar and Foundation Day of the University, 13-14, Aprail, 2022. BBAU.
vii. Member of Foundation Course Cell, BBAU.
viii. Member of BBAU History Committee.
ix. Member of Development of E-content Committee, BBAU.
x. Member of BBAU Silver Jubilee committee, BBAU.
xi. Member of Departmental Research Committee (DRC) Department of Sociology, BBAU.
xii. Member of Research Degree Committee of University (RDCU) BBAU.
xiii. Member of Research Advisory Committee (RAC) Department of Sociology, BBAU.
xiv. Coordinator, Departmental Alumni Cell, Department of Sociology, BBAU.
xv. Member, Editorial Board, the perspective International Journal of Social Science and Humanities.

7. Detail of books written/edited by faculty members

Dr. Brajesh Kumar

i. *Education and Transition to Work: Understanding the Challenges of Youth*, 2022, Bangalore: The Write Order. (ISBN 978-93-95563-44-4)
ii. *उच्च शिक्षा में प्रथम पीढ़ी के विद्यार्थियों की चुनौतियाँ एवं प्रतिक्रिया (Uchch shikṣaa men pratham peeḍhxee ke vidyaarthiyon kee chunautiyaan evn pratikriyaa) (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

Prof. Bibhuti Bhushan Malik

i. "Krantiveer Madari Pasi aur Awadh ka Eka-Kishan Aandolan: Dastavejon se Vishmrit Hasiye Ke Samaj Ka Nayak", in Amarnath Paswan (ed.) *Bhartiya Swatantra Sangram Ke Vishmrit Nayak,* Akhand Publication, New Delhi, 2022, (with Ajay Kumar), ISBN No. 978-93-90870-85-1, (Page No. 1-17)

Dr. Ajay Kumar

ii. Kumar Ajay, Malik Bibhuti Bhushan. (2022), *"Krantiveer Madari Pasi aur Awadh ka Eka-Kisan Andolan: Dastavejo Se Vishmrit Hashiyein ke Samaj ka Nayak" in Amarnath Paswan* (Ed.), Bharteey Svtantrata Sangraam ke Vishmrit Nayak, (pg.1-17), ISBN 978-93-90870-85-1. Human Empowerment and Research Society & Akhand Publishing House, New Delhi.

iii. Kumar Ajay. (2022), *"Gandhi-Ambedkar : Sajha Sapno ke Liye Rikt Sthan",* in yatindra singh Sidodiya, Gopal Krishn Sharma, Ashish Bhatt (Ed.), Mahatma Gandhi : Ekeesavi sadi ka Bharteey evam Vaishvik Pariprekshya, (pg.169-190), ISBN. 978-81-316-1233-0. MPICSSR, Ujjain & Rawat Publication, Jaipur.
iv. Kumar Ajay. (2022), "Dr.Ambedkar ka Rajya Samajvad Siddhant : Kalyankari Rajya ki sthapana ka Prastav", in Pankaj Gautam (Ed.) Dr.Bheemrab Ambedkar Vyaktitva evam kratitva, (pg.138-173) ISBN 978-93-910-18-20-7, Nalanda Prakashan, Delhi.

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

Prof. Bibhuti Bhushan Malik

i. "Janjatiye Vikas me Samvadhanik Pravdhano tatha Sarkari Yojnaon ki Bhumika: Ek Samajsastriya Adhyan", *Radha Kamal Mukerji: Chintan Parampara*, Vol. 2, July-December 2022, (ISSN-0974-0074), pp 131-139 (with Dipak)

Prof. Manish K. Verma

i. "**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)

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

Prof. Birendra N. Dubey

i) 2023. Sustainable Development Goal for Quality Education and Corporate Social responsibility in India. UGC-CARE listed Journal, Humanities and Social Sciences Studies Journal, Vol.11, No.2, 2023, March 2023. ISSN: 2319-829X.

ii) 2022. Corporate Social Responsibility and Tribal Development in North-East India. UGC-CARE listed Journal, Education and Society, Vol.45, No.3, July-September, 2022, ISSN: 2278-6864.

Dr. Brajesh Kumar

i) "Young People Confronting Labour Marke: A Perspective", *Shodh Disha*, Vol. 58, 2022, pp. 313-319. (ISSN 0975-735X)

ii) "Dynamics of Choice and Inequality in Higher Education: A Grounded Theory Exploration with Young People", *International Journal of Research in Social Science*, Vol. 12, No. 7, 2022, pp. 222-232. (ISSN 2249-2496)

iii) "Patterns of Gender Differences in Work Satisfaction in the Information Technology Industry", *Journal of Emerging Technologies and Innovative Research*, Vol. 9, No. 8, 2022, pp. b665-b674. (ISSN 2349-5162)

iv) "Gender, Choice of Stream and Social Interaction in Higher Education", *Nagfan*i, Vol. 9, 2022, pp. 185-187. (ISSN 2321-1504)

Dr Ajay Kumar

i) 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 been published in Banaas Jan Journal *(ISSN 2231-6558). [https://ugccare.unipune.ac.in/Apps1/User/WebA/OtherLanguage. Sr.No.160]*

ii) Kumar, Ajay. (2022), "Samajik Sanrachna ke Nichle Kram mein Sthiti Jatiyon evam Janjatiyon ke Andolan" A research paper has been published in Bhartiya Samajshastra Sameeksha, Journal of *INDIAN SOCIOLOGICAL SOCIETY (ISSN 2349-1396).* Volume-9, Issue-1, June 2022, *Published by SAGE Publications. [UGC-CARE List Group I-Social Sciences Sr.No.38.] See Source :* https://sagebhasha.com/Journal/TOC?JournalId=1

iii) [Kumar, Ajay. (2022), *"Bhartiya Samajshastra mein Gram Adhyayan ki Parampara : Ek Sameekshatmak Mulyankan"* A research paper has been published in Manav Jouirnal, (ISSN 2347-6591) Vol.1-2., Year 39, 56-78, *Published by Ethnographic and Folk Culture Society, Lucknow.*

Book Review

i) kumar, Ajay. (2022), A Book Review on "नदी पुत्र: उत्तर भारत में निषाद और नदी" Nadi putra : Uttar BharAt mein Nishad aur Nadi" Rama Shanker Singh, A Book Review titled नदी पुत्र: ऐतिहासिक बदलाव की रोशनी में नदियों और उनकी संतानों की दास्तान, has been published in Junpath Portal/Website. https://junputh.com/review/book-review-nadi-putra-by-dr-ramashankar-singh/

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

Dr. Brajesh Kumar

i) "Dalit Empowerment for Aatmanirbhar Bharat", National Seminar on "Independence 2.0: Building Aatmanirbhar Bharat Through Make in India", Organised by the Department of Rural Management, Babasaheb Bhimrao Ambedkar University, Lucknow, September 2 - 3, 2022.

11. 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 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.

iv) 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

v) 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.

vi) 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

vii) 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

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 December 2022 on 21th December, 2022

ix) 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.

x) 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

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

xii) 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.

xiii) 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** as **Guest of Honor** in an International Conference organized on the theme **"Technology, Climate Change and Global Warming: Future of Indigenous Communities"** organized by the Ethnographic and Folk Culture Society, in collaboration with RC-07 of the Indian Sociological Society: Adivasi and Tribal Studies and hosted by the Department of Sociology, University of Lucknow, scheduled on March 17-18, 2023.

ii. Delivered **Key Note Address** as Resource Person on the topic, **"Social Change: Challenges and Possibilities"** in a National seminar organized on the same topic and held at the Department of Sociology, Government TRS College, Rewa, M.P. on Feb' 27-28, 2023 in collaboration with RC-02 of Indian Sociological Society, M.P. Higher education Quality Assurance Cell and Madhyanchal Sociological Association.

iii. Delivered two Invited Lecture as Resource Person on 14th February 2023 on the theme "**Development, Marginality and Issues of Displacement**" to the participants of 11th Induction

Program conducted by the UGC Human Development Resource Centre, University of Allahabad, Prayagraj scheduled between 01 February to 02 March 2023.

iv. Delivered Invited Lecture as Resource Person on 11th January 2023 on the theme "**Development, Marginality and Issues of Displacement**" to the participants of Refresher Course in Social Science conducted by the UGC Human Development Resource Centre, Pt. Ravi Shankar Shukla University, Raipur scheduled between 09 January to 21 January 2023.

v. Delivered two Invited Lecture as Resource Person on 18th November 2022 on the theme "**Development, Marginality and Issues of Displacement**" to the participants of 10th Induction Program conducted by the UGC Human Development Resource Centre, University of Allahabad, Prayagraj scheduled between 07 November to 06 December 2022.

vi. Delivered Valedictory address as Resource Person in a National Seminar organized on **"Women Leadership in Decentralized Government"** by the Institute of Social and Economic Change (ISEC), Bangalore in collaboration with Bangalore University, Bangalore and RC-10, Gender Studies of the Indian Sociological Society scheduled on November 3-4, 2022.

vii. Delivered an Invited Lecture as Resource Person on 20th September 2022 on the theme "**Art of Writing Research Article/ Research Paper/Position paper**" to the participants of Orientation Course conducted by the Faculty Development Centre, Ishwar Saran PG. College, Prayagraj scheduled between Sept' 2 to Sept' 28, 2022.

viii. **Chaired** a session on, **"Culture and Social Change: Kashmir and Beyond"** in the International Conference organized by Islamic University of Science and Technology, Awantipora, Kashmir in collaboration with the Indian Sociological Society, N. Delhi on Sept' 6-7, 2022.

Prof. Birendra N. Dubey

i) Delivered a lecture as a resource person on ''Data and Social Science Research" dated December 16, 2022 at ICSSR sponsored Capac Building Programme on Advance Research methodology for Young Aspirants in Social Sciences and Humanities organised by Department of English, Rajarshi Sahu College (Autonomus), Latur Maharastra.

Prof. Jaya Shrivastava

i) Prof. Jaya Shrivastava, delivered an invited lecture as a guest speaker on the topic "Breaking the Gender Biases: A Step Toward Sustainable Development" in a National Seminar organized by Navyug Knaya Mahavidyalaya, Lucknow, India under the aegis of IUPAC Global Women Breakfast, on February 14th, 2023.

ii) Prof. Jaya Shrivastava, delivered an invited lecture as a resource person on the topic "Intersectionality: An Emerging Analytical Framework to Understand Inequalities and Injustices" in a refresher course organized by UGC-HRDC, Lucknow University, Lucknow, India on December 12th 2022.

iii) Prof. Jaya Shrivastava, delivered an invited lecture as a special guest in the valedictory session of a national seminar sponsored by National Commission for Women on "Rights of Differently Abled Women" at MMV, Banaras Hindu University on November 27th, 2022.

iv) Prof. Jaya Shrivastava, delivered an invited lecture as a resource person on the topic "Issues of Intersectionality, Inequality and Inclusivity: With Special Reference to Dalit Women in Indian Society" in the 5th Faculty Induction Programme organized by UGC-HRDC, Mizoram University, India on November 12th 2022.

v) Prof. Jaya Shrivastava, delivered an invited lecture as a resource person on the topic "Thesis Writing" in a workshop on "Application of Statistical Softwares in Research Methodology" organized by Amity Business School, Amity University Uttar Pradesh, India on August 29th 2022.

vi) Prof. Jaya Shrivastava, delivered a lecture as a resource person on the topic "The Sexual Harassment of Women: Prevention, Prohibition and Redressal" in a workshop on "Stand UP against Street Harassment" organized by Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow in collaboration with Breakthrough India, L'Oreal Paris and Hollaback on July28th , 2022.

vii) Prof. Jaya Shrivastava, delivered a lecture as a resource person on the topic "Research Report Writing" in a Faculty Development Programme on the theme "Research Method: Hypothesis, Quality, Ethics, Challenges and Different Dimensions" organized by Srijanlok Prakashan and

Department of Science and Humanities, S. R. M. Institute of Science and Technology, Chennai, on July26th , 2022.

viii) Prof. Jaya Shrivastava, delivered a live lecture as a resource person on Doordarshan Swayam Prabha DTH Channles 17, 18, 19 & 20 on the topic "Introduction to Sociology: Relationship of Sociology with other Social Sciences" organized by Regional Centre IGNOU, Lucknow on July 07th, 2022.

ix) Prof. Jaya Shrivastava, delivered a live lecture as a resource person on Doordarshan Swayam Prabha DTH Channles 17, 18, 19 & 20 on the topic "Introduction to Sociology: Evolution of Sociology as a Discipline" organized by Regional Centre IGNOU, Lucknow on June 30th, 2022.

x) Prof. Jaya Shrivastava, delivered an invited lecture as a resource person on the topic "Feminist Research Methodology" in a Capacity Building Program for faculty members and post-doctoral researcher organized by Giri Institute of Development Studies (GIDS), Lucknow, India on June 29th, 2022.

xi) Prof. Jaya Shrivastava, delivered a live lecture as a resource person on Doordarshan Swayam Prabha DTH Channles 17, 18, 19 & 20 on the topic "Introduction to Sociology: Emergence of Sociology" organized by Regional Centre IGNOU, Lucknow on June 23rd, 2022.

xii) Prof. Jaya Shrivastava, delivered an invited lecture as a special guest on "Mental Health and Well Being of Indian Youth after Prolonged Pandemic" in an inaugural ceremony of a workshop organized by NIT, Jalandhar, India on May 21th, 2022.

Dr. Ajay Kumar

i. Delivered an Invited Lecture as Resource Person on ["हिंदी में समाज विज्ञान लेखन, प्रकाशन एवं ज्ञान की निर्मिति" Hindi mein Samaj Vigyan Lekhan, Prakashan Evam Gyan ki Nirmiti,] at a Two DayNational Seminar/Webinar on हिंदी में सामाजिक विज्ञान अनुसन्धान अवसर चुनौतियाँ एवं निवारण, (26-27, May, 2022) Organised by the IQAC, Shashkeey Tulsi Mahavidyalay Anooppur, Madhy Pradesh.

ii. Delivered an Invited Lecture as Key Note Speaker on *["Gyan evam Boudhik vimarsh mein Dr.Ambedkar ki Upasthiti ka Mulyankan" ज्ञान एवं बौद्धिक विमर्श में डॉ. अम्बेडकर की उपस्थिति का मूल्यांकन"]* at a National Seminar/Webinar on the occasion of the Name Expansion Day of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, MAHARASHTRA, 14, Aprail, 2022.

iii. Presented a paper on "*Bharat mein dalit adhyayano ki nirmithi: gyan, anubhav aur sangharsh se banta dalit samaajshastra"* (RC-09, Dalit Studies) in the 46 th All India Sociological Conference during the Century Celebrations of Department of Sociology, University of Mumbai, 2022.

iv. Presented a paper on "Bharateeya Samajik Andolano ke adhyayan ki sameeksha evam 21 vi sadi mein nav samajik andolano ka ubhaar" RC-17-Social Movement) in the 46 th All India Sociological Conference during the Century Celebrations of Department of Sociology, University of Mumbai, 2022.

11 Details of Research Projects (Major and Minor)

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.

12 Students achievements

Number of students completed their Masters	M.A.	32
Number of students selected in Universities	UPSC	03 Assistant Professor Kanpur University and Jaipur National University

Number of students selected on other government job	Govt. Job	01Parliamnt, New Delhi
	UPHE (Teaching in Higher Education)	05 (Assistant Professor Degree Collages)
	Teaching	01 (Gov. of Delhi)
Number of students awarded NET/JRF/GATE any other fellowship		JRF – 07, NET - 17

Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/Availing
1	Harishchandra Mishra	Prof. K. Choudhary	--	Continuity and Changes in the Caste System: A study of two selected villages of Tiloi block in Raebarelly district	Non NET
2	Shikha Singh	Prof. K. Choudhary		Religiosity Among Hindus: A Study of Lucknow City	University Fellowship
3	Komal Gautam	Prof. Jaya Shrivastava		Gender Based Violence on Campuses in India: A Sociological Study of Selected Universities of Lucknow City of Uttar Pradesh	University Fellowship
4	Rahul Kumar Yadav	Prof. Jaya Shrivastava		"दलित महिलाओं के प्रति हिंसा : उत्तर प्रदेश के लखनऊ और आज़मगढ़ जिलों का एक वैयक्तिक अध्ययन" (Violence Against Dalit Women : A Case Study of Lucknow and Azamgarh Districts of Uttar Pradesh)	University Fellowship
5	Dilip Kumar	Prof. Jaya Shrivastava		"Inequalities and Inclusiveness in Higher Education: A Sociological Study of Lucknow City of Uttar Pradesh"	NFSC
6	Ramesh Kumar	Prof. B.B. Malik		Social Phlilospphy of Kabir and Kabir Panth: A Sociological Study of North India	UGC- JRF
7	Dipak Kumar Khrwar	Prof. B.B. Malik		जनजाति, पारिस्थितिकी एवं विकास : सोनभद्र क्षेत्र का एक समाजशास्त्रीय अध्ययन (Ttibe, Ecology and Development: A Sociological Study of Sonbhadra Region)	UGC-JRF
8	Moni Chandra	Verma Prof. M. K. Verma		Ujjwala Yojana, Healh and Environment: A Sociological Study of Women of Selected Peri-Urban Cities of Uttar Pradesh	University Fellowship
9	Saurabh Kumar	Prof. K. Choudhary		"Working Condition of Contract Labour: A Sociological Study of Two Selected Hospitals at Dehradun"	UGC-JRF

10	Varsha Singh	Prof. Jaya Shrivastava		"Work Challenges of ASHA Workers: A Sociological Study of Selected Blocks of Lucknow District"	UGC-JRF
11	Khushboo	Prof. Manish K. Verma		"Globalisation and New Tourism: A Sociological Study of Wellness Tourism with Special focus on Yoga"	ICSSR

Ph.D thesis submitted during the year

Sl. No.	Students	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
	Jyoti Shukla	Prof. K. Choudhary	Culture, Environment and Impact of Tourism in a Meghalaya Village	UGC-JRF
2	Saurabh Kumar	Prof. K. Choudhary	Working Condition of Contract Labour: A Sociological Study of Selected Hospitals at Dehradun	UGC-JRF
3	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
4	Tripti Kanojiya	Prof. K. Choudhary	Social Background and Career Aspirations of Students in Higher Education: A Study of two Selected Universities in Lucknow	University
5	Khushboo	Prof. M. K. Verma	Globalisation and New Tourism: A Sociological Study of Wellness Tourism with Special focus on Yoga	ICSSR
6	Pawan Kumar	Prof. M. K.	River Bank Erosion, Displacement and Sustainability: A Sociological Study of People affected by River Sharda	UGC-JRF
7	Abhishek Kumar	Prof. B.N.Dubey	Digitalization in India and Women: A Sociological Study of Hazaribag District	UGC-JRF
8	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

1. Students pursuing Ph.D.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Km. Manisha	Prof. M. 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
2	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
3	Durga Prasad Yadav	Prof. B.N.Dubey		भारत में दिव्यांगजन की उच्च शिक्षा संबंधित सरकारी नीतियांः लखनऊ शहर के चयनित विश्वविद्यालयों का समाजशास्त्रीय अध्ययन (Government Policies for Higher Education of Differently Abled People in India: A Sociological Study of Selected Universities in Lucknow City)	NFSC PwD
4	Nistha Chaturvedi	Prof. B.N.Dubey		Live-In Relationship and its Impact on Family and Marriage System: A Sociological Study of Delhi- NCR	UGC-JRF
5	Agnivesh Pandey	Prof. B.N.Dubey		Corporate Social Responsibility and Local Area Community Development: A Study of Selected Companies of North India	UGC-JRF
6	Anurag Kumar	Prof. B.N. Dubey		Social Challenges of Cancer Survivors and Their Caregivers: A Sociological Study of Urban Lucknow	UGC-JRF
7	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
8	Sanjay Kumar Gautam	Dr. Brajesh Kumar		Unemployment and Employability among Urban Educated Youth: A Sociological Study of Lucknow	UGC-JRF

				District of Uttar Pradesh.	
9	Anand Kumar	Dr. Brajesh Kumar		Social Media and Cast Identity Among Youth: A Sociological Study of Selected Universities in Lucknow	NFSC
10	Abhilash Dohare	Prof. Manish K. Verma		E-Waste Management, Workers' Health and Sustainability: A Sociological Study of Selected Plants of Uttar Pradesh.	JRF
11	Amir Faisal	Dr. Brajesh Kumar		पसमांदा मुसलमानों में पहचान निर्माण एवं सामाजिक गतिशीलताः उत्तर प्रदेश के मऊ नगर का एक समाजशास्त्रीय अध्ययन	JRF
12	Ashwani Umar	Prof. B. N. Dubey		Post-Pandemic Emerging Trends in Higher Education: A Sociological Study of Students' Learning Outcomes from Selected Universities of Lucknow.	JRF
13	Ashka Raj	Dr. Ajay Kumar		Friendship, Social Status and Identities: A Sociological Study of Selected Universities of Delhi and Lucknow	JRF
14	Simran	Prof. Jaya Shrivastava		Transphobia, Transgenderism and Challenges of Social Inclusion: A Sociological Study of Lucknow District.	JRF
15	Kartik Raj Oraon	Prof. Jaya Shrivastava		To be finalized	Non NET

M. Phil degree awarded

Sl. No.	**Students**	**Guide**	**Co-guide**	**Title**	**Fellowship Availed/Availing**
1.	Kushagra Anand	Prof. Jaya Shrivastava	--	SOCIAL INCLUSION OF MANUAL SCAVENGERS: WITH SPECIAL REFERENCE TO MEHTAR CASTE OF PALIA KALAN KHERI	University Fellowship
2.	Mamta	Prof. Jaya Shrivastava	--	दिव्यांगजनों के प्रति सामाजिक अभिवृत्तियों एवं व्यवहार प्रतिमानों का रायबरेली जिले के ब्लाक खीरों क्षेत्र का समाजशास्त्रीय अध्ययन (SOCIAL ATTITUDES AND BEHAVIORAL PATTERNS TOWARDS PERSONS WITH	NFPwD

				DISABILITIES: A SOCIOLOGICAL STUDY OF KHIRON BLOCK OF RAEBARELI DISTRICT)	
3.	Pooja Tripathi	Prof. Manish K. Veram	--	नगरीकरण, वनोन्मूलन एवं समाजः एक समाजशास्त्रीय अध्ययन (URBANIZATION, DEFORESTATION AND SOCIETY: A SOCIOLOGICAL STUDY)	University Fellowship
4.	Alka Gautam	Prof. B.N. Dubey	--	उच्च शिक्षा तथा निर्देश के माध्यम का विद्यार्थियों पर प्रभाव': बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ का एक समाजशास्त्रीय अध्ययन (IMPACT OF MEDIUM OF INSTRUCTION ON THE STUDENTS AND HIGHER EDUCATION: A SOCIOLOGICAL STUDY OF BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY, LUCKNOW)	University Fellowship

13 Any other special achievement recorded by the students

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

- **Detail of the Publications of the students (Books/Article/Books' Chapters)**

Sl. No.	Name Students	Books	Articles/Paper	Book Chapters
1	Nishtha Chaturvedi	--	02	--
2	Sanjay Kumar Gautam	--	01	--
3	Saurabh Kumar	--	01	--
4	Soniya Singh	--	01	--
5	Manisha	--	01	--

2. Google profile of the faculty members, if available

1. **Prof. Bibhuti Bhushan Malik- Yes**
2. **Prof. Manish K. Verma- Yes**
3. **Prof. Birendra Narain Dubey- Yes**
4. **Prof. Jaya Shrivastava- Yes**
5. **Dr. Brajesh Kumar- Yes**
6. **Dr. Ajay Kumar - Yes**

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.

2. Courses offered: M. A. & Ph.D.

Duration of M.A. programme is 2 years and PhD minimum 3 Years and maximum 4 Years.

3. 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

viii. 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

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

Prof. Sartik Bagh

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

Prof. Ripu Sudan Singh

i. 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
ii. Member in the School board of School of International Studies, JNU, New Delhi
iii. Member in the Management Commitee, Harsahay Degree College, Kanpur×Member in DRC and BPGS in the Department of Political Science, BBAU, Lucknow
iv. Life Member, Indian Political Science Association
v. Member, International PoliticalScienceAsswociation
vi. Member in BPGS in the Department of Public Administration in BBAU, Lucknow since
vii. Member in BPGS in the Department of Social Sciences in the Satellite Centre at Amethi of BBAU
viii. Member in School Board
ix. Member in Academic Council
x. Member in Planning Board from 28/08/2011 and again from 04.12.2019
xi. Member in Board of Management

Prof. Shashi Kant Pandey

i. Member – Board of Studies, Gangadhar Meher University, Sambhalpur, Orissa
ii. Member – Departmental Research Committee, Department of Political Science, Guru Ghasidas University, Bilaspur, Chattisgarh
iii. Member – Board of Studies, Shri Ramswaroop, Memorial University, Lucknow
iv. Member – Board of Studies, GLA University, Mathura
v. Life Member: All India Political Science Association
vi. Member: Editorial/ Advisory Board, Azad Academy Journal (ISSN Number 2248-9835)
vii. OSD- BBAU Satellite Campus, Amethi
viii. Member - S.C.& S.T. Advisory Committee
ix. Member- IQAC, BBAU
x. Member: Departmental Research Committee, School for Ambedkar Studies, BBAU
xi. Member: Admission Committee, School for Ambedkar Studies, BBAU
xii. Member: Board for Post-Graduate Studies, School for Ambedkar Studies, BBAU
xiii. Member: School Board, School for Ambedkar Studies, BBAU
xiv. Member: Academic Council, BBAU
xv. Member: Board of Management, BBAU
xvi. 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.)

xvii. 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

Dr. Siddhartha Mukerji

i. Member, Anti Ragging Committee, Department of Political Science, BBAU, Lucknow
ii. Member, Gender Cell, Department of Political Science, BBAU, Lucknow
iii. Member, Purchase Committee, Department of Political Science, BBAU, Lucknow
iv. Member, Admission Committee, Department of Political Science, BBAU, Lucknow
v. Member: Academic Council, BBAU
vi. Member, BPGS, Department of Political Science, BBAU, Lucknow
vii. Member, School Board, Ambedkar School of Social Sciences, BBAU, Lucknow
viii. Member, BUGS, Department of Public Administration, BBAU, Lucknow

ix. Dr.Preety Choudhari

x. Member of the University PrakashanSamiti.2019.
xi. Asst.DSW(Culture)
xii. Member, RDCU, Department of Political Science, BBAU, Lucknow
xiii. Member, DRC, Department of Political Science, BBAU, Lucknow
xiv. Member BUGS, Department of Public Administration, BBAU, Lucknow
xv. Member OBC Committee, BBAU, Lucknow
xvi. Life Member of Professor H.S. Srivastava Foundation for Science and Society, Lucknow
xvii. Life Member of Association of the Socio-Economic Development studies
xviii. Joint Secretary of AKANSHA (NGO working for empowerment of women & children)
xix. Member of the assessment panel of the GATI programme of the Department of Science & Technology.
xx. Member of Expert committee for Implementation of Programme for Acchated participation of women in Science & Technology, Department of Science & Technology, Government of India

Ms. Manjari Raj Oraon

i. 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.

a. Students achievements:

i. Faculty wise Supervision of the Ph.D. degree awarded-

- Prof. Sartik Bagh – 01
- Prof. Ripu Sudan Singh –
- Prof. S. K. Pandey –
- Dr. Preety Choudhari – 01

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

- Prof. Sartik Bagh – 01
- Prof. Ripu Sudan Singh – 01
- Prof. S. K. Pandey – 02
- Dr. Siddhartha Mukerji –

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

S. No.	Name of Faculty	Name of the Scholars
1	Prof. Sartik Bagh	Jay Bahadur Uttam
2		Sanjay Kumar
3		Pramod Kumar Sharma
4		Balan G
5		Mridul Malay
6		Renu
7		Arbind Bhagat
8	Prof. Ripu Sudan Singh	Gukhu Mega
9		Kumari Pooja Bharti
10		Sikha Ojha
11		Yashasvi Shukla

12		Asha
13		Kanika Raj
14		Abdul Naser Qane
15	Prof. S. K. Pandey	Shivendra Tiwari
16		Teeka Ram
17		Vikash Tiwari
18	Dr. Siddhartha Mukeji	Anuj Kumar
19		Rakesh Kumar
20	Dr.Preety Choudhari	Ritesh Kumar

iv. Accomplishments of students

- Number of student completed their master/graduation/Diploma- **34 students completed master's programme of the Department**
- Number of student pursuing higher studies -**Nil**

Following are the details:

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

b. NET- 01

c. JRF-05

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 Professor (ST) is vacant. The department has around 200 hundreds 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.

2. CoursesOffered:

i. B.A (Honours) Public Administration.
ii. M.A in Public Administration.
iii. Ph.D. in Public Administration.

3. Facilitiesavailableinthedepartment:

i. SmartClassroom. 01
ii. Departmental Office 01
iii. Faculty Chamber 01

4. DetailsofFaculty:

i. Dr. O.P.B Shukla
Associate 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.
Qualifications:M.A.,Ph.D.

ii. Dr. Vibhooti Narayan
Assistant Professor, Department of Public Administration
Specialization: Indian Policy & Governance, Financial Administration, Public Policy, Indian Administration etc.
Qualifications: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.
Qualifications:M.A.,Ph.D. & Post-Doctorate Fellowship

5. DetailsofSeminar/Conferenceorganizedbythedepartment:

i. Special Lecture by **Dr. Vinay S. Baghel**, Assistant Professor,Department of Environment Microbiology, BBAU, Lucknow, on dated 5th May 2022 on the topic **"Global Water Crisis and It's Management"**
ii. A Quiz Competitions: **'KNOW YOUR CONSTITUTION'** on the Occasion of National Constitution Day, 26th November2022.
iii. Special Lecture by **Shri.Ratnesh Singh**, Joint Secretary (Central Election Commission of India) on 18th October 2022 on**'CURRENT TRENDS IN PUBLIC POLICY'**.
iv. Special Lecture by **Prof. Brijendra Pandey**, Department of Political Science, Vidyant Hindu P.G College, Lucknow on 23rd December, 2022 on the topic **"GOOD GOVERNANCE: MODERN AND INDIAN CONTEXT"**

6. Visitors of Department from inside the country (during01.04.2022-31.03.2023)

a. **Dr. Vinay S. Baghel** Department of Environment Microbiology BBAU, Lucknow, on dated 05 May 2022
b. **Ratnesh Singh** Joint Secretary (Central Election Commission of India) on 18th October 2022.
c. **Prof. Brijendra Pandey** Department of Political Science, Vidyant Hindu P.G College, Lucknow on 23rd December, 2022.

7. Members/fellowshipofprofessional/academicbodies/editorialboard:

a. Dr. O.P.B Shukla

iii. Indian Political Science Association - LifeMembership (Since 2014)

b. Dr. Pradeep Kumar Singh

iv. Indian Political Science Association - LifeMembership (Since 2011)

8. Paperpublishedduringtheyearbythefacultymembers(during01.04.2022-31.03.2023)

i. Sodh Disha (Sodh Ank 60/3) ISSN 0975-735X Title, Shifting Paradigms of Public Administration and Policy: Critical Review of Initiatives and Re-forms in Uttar Pradesh Published by Dr. O.P.B Shukla Associate Prof. Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on October to December, 2022.

ii. Sodh Disha (Sodh Ank 61/4) ISSN 0975-735X Title, E-Governance n Rural India: Theoretical Perspective and Policy Initiatives Published by Dr. O.P.B Shukla Associate Prof. Department of Public Administration, Babasaheb Bhimrao Ambedkar University, Lucknow on January to March, 2023.

9. Attended/Participatedinconference/seminar/ workshopinsidecountry:-

i. Dr. O.P.B Shukla presented paper along with Praveen Kumar Gautam on"नइ र्शिक्षा नीति : शिक्षा का बदलतापरिद्र;"at International Conference on Industrial Road Map of Uttrakhand :Vision 2025 at 17th and 18th March 2023 organized by Centre for Public Policy, Doon University, Dehradoon, Uttrakhand.

ii. Dr. O.P.B Shukla presented paper along with Praveen Kumar Gautam on"ईशिक्षाः प्रारम्भिक शिक्षा के सार्वभौमिकरण में उभरता एक प्रतिमान"at International Conference on Industrial Road Map of Uttrakhand :Vision 2025 at 17th and 18th March 2023 organized by Centre for Public Policy, Doon University, Dehradoon, Uttrakhand.

iii. Dr. Vibhooti Narayan presented paper along with Vindrasen on 'वित्तीय समावेशन की दिशा में प्रधानमंत्री जन–धन योजना की भूमिकाः एक मूल्यांकन'at International Conference on Industrial Road Map of Uttrakhand :Vision 2025 at 17th and 18th March 2023. organized by Centre for Public Policy, Doon University, Dehradoon, Uttrakhand.

iv. Dr. Pradeep Kumar Singh presented paper along with Chandan Singh on "Right to Public Service Act. A Comparative Study of States Laws in India" at National Conference of Public Policies & Government in India: Innovations & Experiences held on 17th and 18th February, 2023 at MDU, Rohtak.

v. Dr. Pradeep Kumar Singh presented paper along with Chandan Singh on "Uttrakhand Right to Service Act, 2011: A Step toward Citizen Centre Governance"at International Conference on Industrial Road Map of Uttrakhand :Vision 2025 at 17th and 18th March 2023 organized by Centre for Public Policy, Doon University, Dehradoon, Uttrakhand.

10. Studentsachievements:-

i. AccomplishmentsofStudents

NumberofstudentscompletedtheirMasters/graduation/Diploma	**B.A (Hon.s)**	**86**
	M.A	**80**
Number student pursuinghigher ofstudies	**86**	
Numberofg studentselectedonotherjobs/banking/school overnmentt eachingetc.	**Govt. Job**	**04**
	Jobs	**02**
Number ofStudentsi placed through campus nterview	**01**	
Number of student awardedSLET/NET/JRF/anyotherfellowship	**NET:03 JRF:01**	

Ph. Dstudent'sPursuing

S.No.	Name of Scholar	Name of Supervisor	Title of Research
i)	Chandan Singh	Dr. Pradeep Kumar Singh	Impact assessment of Uttar Pradesh JanhitGauranteeAdhiniyam 2011: A Study of Ghazipur District.
ii)	Vindrasen	Dr. Vibhooti Narayan	वित्तीय समावेशन में प्रधानमंत्री जन–धन योजना की भूमिका का एक अध्ययन : संत कबीरनगर, जनपद के विशेष संदर्भ में।
iii)	Praveen Kumar Gautam	Dr. O.P.B Shukla	भारत में प्राथमिक शिक्षा की स्थिति का एक अध्ययन : जनपद वाराणसी के विशेष संदर्भ में।
iv)	Nidhi Prakash Verma	Dr. O.P.B Shukla	-----
v)	Ravi Prakash Verma	Dr. O.P.B Shukla	-----
vi)	Deepanshi Singharia	Dr. Vibhooti Narayan	-----
vii	Parul Rai	Dr. Pradeep Kumar Singh	-----
viii)	Mangal Singh	Dr. O.P.B Shukla	-----

29. Anyotherspecialachievementsrecordedbythestudents:-

- **i.** Kriti Rai and Harsh Kumar Yadavof B.A (Hon's) semester VIth Session 2020-2023 won prizes in the field of sport.
- **ii.** Got best Sports Women of Babasaheb Bhimrao Ambedkar University awarded by former Chief Ministerof Uttar Pradesh Shri. Aditya Nath Yogi on 14th April,2022.
- **iii.** Kirti Rai of B.A (Hon's) semester VIth Session 2020-2023 got selected For Basic Mountaineering Course At Nimas, dirang ,Arunachal Pradesh and get Motivated Student Award By chief director of National Institute of Mountaineer and Allied Sports on 17th June, 2022.
- **iv.** Kirti Rai of B.A (Hon's) semester VIth Session 2020-2023 got selected For Thal sanik camp on 11 July, 2022.
- **v.** Kirti Rai of B.A (Hon's) semester VIth Session 2020-2023 got DG Commendation Award for participating multiple event in NCC on Jan, 2023.
- **vi.** Kirti Rai of B.A (Hon's) semester VIth Session 2020-2023 got best cadet Award by Vice Chancellor of Babasaheb Bhimrao Ambedkar University on26th Jan, 2023.
- **vii.** Shubham Rai of B.A (Hon's) semester VIth got Selected in IGC Inter Group Competetion (Republic Day Camp) on November,2022.
- **viii.** Shubham Rai of B.A (Hon's) semester VIth got selected for All India trekking expedition Indo-Nepal.
- **ix.** Shubham Rai of B.A (Hon's) semester VIth participated in various sports event held between 4th April, 2022 to 14th april 2022 and got certificate of volleyball,400mtr race, 800mtr race.
- **x.** Harsh Kumar Yadav and Shubham Raiof B.A (Hon's) semester VIth participated in Army Attachment Camp on Sept, 2022.
- **xi.** Harsh Kumar Yadav of B.A (Hon's) semester VIth got selected in AIU Kabaddi on Jan, 2023.

31. Googleprofileofthefacultymember:

i. Dr.Vibhooti Narayan

	All	Since2013
Citations	04	02
h-index	01	01
i10-index	0	0

Department of History

The Department of History started functioning since the year 1996 and was located in the School of Ambedkar Studies now renamed as School of Ambedkar Studies for Social Sciences. It has the reputation of being one of the oldest centres where keeping in mind the ideology of Dr Ambedkar, inter-disciplinary historical research and teaching with special focus on 'History from below' is being carried out with a team of dedicated faculty members and research scholars. The faculty members have been associated with various research projects sponsored by some of the reputed organizations like ICHR. As a part of an academic endeavour, the faculty members have had the privilege of visiting some of the prestigious educational institutions both in India and abroad. They have visited countries like UK, Thailand, Sri Lanka, Canada, Singapore, Bangladesh, China and Myanmar. They have also been invited to some of the renowned Universities like Mandalay Buddhist University in Myanmar and Oxford University in England. Department also has had the privilege of having many international scholars from Oxford University, Cambridge University, Columbia University and Birbek University, London. The department signed an MOU with the University of Kelaniya, Sri Lanka. In that regard Prof Sunanda Madduma Bandara, Hon'ble Vice Chancellor of University of Kelaniya visited the department. In order to further enrich its research experiences, the department continuously engages itself in organizing both national, international seminars and special lectures both for the benefit of the faculty and for the students. 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. They are encouraged to 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 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 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. 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
4. **Details of Faculty**
   i. **Prof. V. M. Ravi Kumar**
   Professor & Head, History Ambedkar School of Social Sciences

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

ii. Prof. S. Victor Babu
Professor, History Ambedkar School of Social Sciences
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, History Ambedkar School of Social Sciences
Specialization: Modern Buddhist movements
Qualifications: M.A, M.Phil&Ph.D

iv. Dr. Anand Singh
Associate Professor, History Ambedkar School of Social Sciences
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. Sidharth Shankar Rai
Assistant Professor, History Ambedkar School of Social Sciences
Specialization: Ancient History & Archaeology
Qualifications: M.A, &D.Phil

vi. Dr. Renu Pandey
Assistant Professor, History Ambedkar School of Social Sciences
Specialization: General Studies Business History, Modern Social Thinkers
Qualifications: M.A, &Ph.D

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

5. **Members/fellowshipofprofessional/Academicbodies/editorialboard*(Kindlydon't furnishconfidentialwork)***

i. Prof. V.M Ravi Kumar
a. Member in Indian History Congress
b. Life member in Uttar Pradesh History Congress

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
a. Indian History Congress
b. UP History Congress
c. All India Rights Organization (A Chapter of Naina Dayal Foundation)
d. Maha Bodhi Society of India

e. Member, DRC, Department of History, BBAU
f. Member, BPGS, Department of History, BBAU
g. Member, School Board, SASSS, BBAU
h. Member Academic Council, BBAU
i. Member, RDCU, Department of History, BBAU
j. Member Editorial Board, Indian Journal of African Studies, University of Delhi, Delhi, ISSN: 0971-5320
k. Member, Editorial Committee of Two Days International Conference on Indian Culture in South East Asia: Past and Present organized by Department of History, BBAU, Lucknow sponsored by ICHR from 23-24 September, 2022.

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 Books written / edited by faculty members

Prof. S. Victor Babu

i. Patterns of Labour Migration: Historical and Cultural Perspectives in J.G.Valan Arasu & Elena Philip, Migrant Labour: Issues and Challenges, Agra, 2022.

Dr. Anand Singh

i. Anand Singh (2023), ed. *Rethinking Buddhist Text Context Contestation*, Delhi: Primus Books.

7. DetailsofBookChapterineditedvolume/conferencevolume.

Prof. Shura Darapuri

i. 'Bhagwan Das and the Internationalization of the Issue of Untouchability in Dalit Intellectuals-Ideas, Struggles and the Vision', Ed. by Yagati Chinna Rao and Raj Sekhar Basu, published by Primus Books, New Delhi, 2022, ISBN 978-93-5572-581-
ii. 'Women in Early Buddhism' in An Inimitable Historian, Festschrift to Dr Baddela Rama Chandra Reddy, Ed.by Priyadarshini Vijaisri and Dr Venkateswara Reddy,by Meena Book Publications, Delhi (India), 1, January, 2023, ISBN-10: 8196100000 ISBN-13: 978-8196100001.

Dr. Sidharth Shankar Rai

i. Rai, S. S. (2023) 'Ancient Indian Pottery Manufactering Technology', in Chakrabarti, D. K. (ed.) History of Ancient India, Volume 9 : Science, Technology, Medicine. New Delhi: Vivekanand International Foundation and Aryan Books, pp. 382–409.

8.* PaperPublishedduringtheyearbythefacultymembers*(during01.04.2022-31.03.2023).

Prof. V. M. Ravi Kumar

i. Subham Yadav, and V M Ravi Kumar, V. Victor Babu, 'History of Plant Taxonomy in India Ancient to Modern Period', ANVESAK, Vol. 52, No. 1, Jan-July, 2022, pp. 338-347.
ii. Shivangi Mandola and V.M. Ravi Kumar, 'Institutional History of colonial forestry: A study of forest school', North Asian International Research Journal of Social Science & Humanities, Vol. 8 No. 5, May 2022, pp. 86-99.
iii. V.M. Ravi Kumar and Satish Chavuri, History of Forest Panchyats in Andhra Pradesh 1885-1947, Indian History Congress, 80th Proceedings, 2022, pp. 696-701.

Dr. Anand Singh

i. Anand Singh, 'Origin of NālandāMahāvihāra: Structure as Evidence and Seal as Symbol' *Ancient Asia*, Vol.13, No. 5, pp. 1–11. DOI: *https://doi. org/10.5334/aa.273* (Scopus/H-Index)
ii. Anand Singh, 'Contextualizing *Jātaka*Narratives: Symmetry and Consonance in Literary and Visual Traditions' in *Rethinking Buddhist Text Context Contestation*, ed., Anand Singh ed. Delhi: Primus Books, 2023, pp.65-106.

Dr. Sidharth Shankar Rai

i. पाण्डेय राजीव कुमार and राय सिद्धार्थ शंकर (2022) 'उद्योग 4.0 : उत्पादन के नए साधनों का समाज तथा उसके सरोकार', अपनी माटी, 39, pp. 1–8.

ii. पाण्डेय राजीव कुमार and राय सिद्धार्थ शंकर (2022b) 'वैश्विक महामारी के दौर में भूमण्डलीकरण : विचार एवं व्यवहार, मार्च अंक', शोध दिशा, 57(3), pp. 34–41.

Dr. Renu Pandey

i. Book Review of S.K.Chahal, Hindu Social Reform of Jotirao Phule, Shimla, IIAS, 2022, Indian Historical Review, Vol. 49, November 2, December 2022.

Dr. Sudarshan Chakradhari

i. 2022, Vikas Kumar Singh, Manisha Singh, A. K. Pandey, D. P. Singh, **Sudarshan Chakradhari**, Sunil Kumar Singh, Brij Mohan, Abhay Pratap Singh and Ravindra Nath Singh, Preliminary Report on Excavations at Nindaur, District Kaimur (Bhabhua), Bihar (2021- 2022),", *Heritage: Journal of Multidisciplinary Studies in Archaeology,* Vol.9, (Page no.288-312).

ii. 2022, Sunil Kumar Singh, **Sudarshan Chakradhari**, Aftab Alam, Dhananjay Kumar, Brij Mohan, Kishor Chand Vishwakarma and Vikas Kumar Singh, Hinterland Survey Around Kudheri Nala, a Tributary of Son River, Madhya Pradesh, *Man and Environment* (ISSN No. 0258-0446), Vol. XLVII (1) 2022, Indian Society for Prehistoric and Quaternary Studies, pp. 30-37.

9. Participated/PaperPresentedinconferences/seminar/workshopinsidecountry

Dr. V.M. Ravi Kumar

i. V.M. Ravi Kumar, Whose Forests: Peasantry and Forest Policy in Colonial South India, 81st Annual proceedings of Indian History Congress held in Chennai by Madras Christan College during 27th - 29th December 2022.

ii. Caste System Beyond India: A Case Study of Burma, presented in two days international Conferences on 'Indian Culture in South East Asia: Past and Present, organised during 23-24th September 2022 by Department of History, BBAU.

Prof. S. Victor Babu

i. Representation of Ramanaya in the Arts of Thailand, paper presented in International seminar on Indian Culture in South East Asia: Past and Present, held 23-24 September 2022.

ii. From Chamar to Jatav: Articulation of separate identity in Colonial United Provinces, paper presented in Indian History Congress, held during 27-29, 2022 at Madras Christian College, Chennai.

Prof. Shura Dharapri

i. Participated in 'Two Days International Conference on Indian Culture in South East Asia Past and Present' organized by Department of History, BBAU, Lucknow on 23-24 September, 2022.

ii. Attended Indian Historical Records Committee's 63rd Session on 18-19 December, 2022, Lucknow.

iii. Co-Chaired session at 'Two days International conference on Religious Tourism' organized by Department of Management Studies, BBAU, Lucknow on 27th-28th March 2023.

iv. Co-chaired session at National Seminar on the theme 'Inclusiveness of the Differently Abled Women: Challenge and Opportunities in India' organized by Committee of Basic Facilities for Women, Gender Champions Committee, AKAM &NCC Unit, BBAU supported by National Commission for Women, New Delhi. 30-31 December, 2022.

v. Attended 'One Week Training Programme on Intellectual Property Rights' organized by BBAU in collaboration with Cell for IPR Promotion and Management, Ministry of Commerce and Industries, Government of India from 28/03/2022 to 1/4/2022.

Dr. Anand Singh

i. Presented a research paper at the International Conference on "Buddhist Cultural Heritage of India: Recent Archaeological Findings" organized by the Department of Pali and Buddhist Studies, Savitribai Phule Pune University from 11th to 13th August 2022.

Dr. Sidharth Shankar Rai

i. Organizes and Participated in an International conference on "Indian Culture in South East Asia: Past and Present" on September 23-24, 2022.

Dr. Sudarshan Chakradhari

i. 2022, Attended & Presented a paper titled "Hunas Resistance: With Special Reference to the Gupta Dynasty" S. Chakradhari, National seminar on Swa, Swatantrata aur PrTirodh: Atit se Vartman tak

held at Gopal Narayan Singh Vishwavidyalaya, Jamuhar, Sasaram, Bihar From 26 to 28 December 2022.

10. DetailsofMOOC/onlinecoursesdevelopedbythefaculty -

Dr. Anand Singh

Contributions in UGC-MOOC (Svayam) Programme

- Contributed 5 articles for the course '**Buddhist Tourism**' going to be conducted by UGC (www.swayam.gov.in/UGC).

(i). Nalanda
(ii) Vaishali
(iii) Rajgir
(iv). Sarnath
(v) Lumbini.

11. Details of invited lectures inside country

Prof. S. Victor Babu

i. Delivered lecture at the University grants commission Human resource development Centre Mizoram University, on the Topic: "Approaches to Social Sciences Research" at 07/11/2022

Prof. Shura Darapuri

i. Delivered lecture at Global Conference on "Lucknow Climate Change Conference on Control of Green House Gases at the Source by Physical and Chemical Technologies_2k22 (LCCCCGGSPCT_2k22)" on the occasion of 'Earth Day (22 April)', jointly organized by The Asian Association of Sugarcane Cane Technologists' (AASCT) Topic: "Earth Day and Early Indian Traditions for the Conservation of Environment" 23/4/2022.

12. Students achievements:-

Accomplishment of the student

Numberofstudentscompletedtheir Masters	M.A.	31
studentselectedonotherjobs/ banking/school	Govt.job	Nil
	TeachinginHigherEducation	01
	Teaching	01
Number of student	02(UGC JRF)02 (UGC-NET)	

Ph.D degree Awarded during the year

Sl. No.	Students Name	Supervisor	Title	Fellowshipavailed/ availing
i.	Ms. OsadhaTheri	Prof. S. Victor Babu	BUDDHISM IN COLONIAL MYANMAR (1886-1947)	Non-Netfellowship
ii.	Ms. Pannesi	Prof. Shura Darapuri	WOMEN IN BUDDHIST NUNNERY IN POST-COLONIAL MYANMAR (1948-2017)	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.	Mukesh Chandra	Prof. S. Victor Babu	AmbedkarandKanshiRam"Acomparativestudy of Ideologies	UGC JRF
ii.	Toolika Rani	Prof. S. Victor Babu	Socio-economic and cultural life of sherpas in solukhumbu: history and evolution (1920-2020)	Non-Netfellowship

iii.	Janita	Prof. S. Victor Babu	AnalysisofIndianCasteSystemfromtheView of Thervadin	Non-Netfellowship
iv.	Mercy	Prof. S. Victor Babu	"EthnomedicineoftheAngami Nagas"	Non-Netfellowship
v.	Dheeraj Kumar	Prof. S. Victor Babu	Tobefinalisedsoon	Non-Netfellowship
vi.	Satyamev Bharteey	Prof. S. Victor Babu	CulturalEcology:AStudyofAncientBanarasfromVedic to 8th Century A.D	UGC NFSC
vii.	Poonam	Prof. S. Victor Babu	Womenininformalsectorinindustrial okhla from 1950-1990	Non-Netfellowship
viii.	Nishant Raj	Prof. S. Victor Babu	Energyanddevelopmentin20thcentury india: with special focus on electric power and electrification of india	UGC JRF
ix.	KVivikali Hesso	Prof. S. Victor Babu	Fromhead-hunterstoimperialsubjects: naga hills, 1880-1947	Non-Netfellowship
x.	Janeyya	Prof. S. Victor Babu	Ahistoricalstudyofmonasticeducation during the kongboung kingdom, 1819-1885 a.d	Non-Netfellowship
xi.	Ranjeet Kumar	Prof. Shura Darapuri	आज़ादी के बाद उत्तरप्रदेश में दलित आन्दोलन : (1947-2011)	Non-Netfellowship
xii.	Wasfi Fatima	Prof. Shura Darapuri	"उत्तर प्रदेश के बौद्ध स्मारकों का अध्ययन (तथागत के चारिका से संबंधित)"	UGC JRF
xiii.	Anubha Chaturvedi	Prof. Shura Darapuri	कन्नौज के इत्र का ऐतिहासिक दृष्टिकोण-1947 से 1990 तक	UGC JRF
xiv.	Basant Kumar kanaujiya	Prof. Shura Darapuri	"Contribution of Dr. Dauji Gupta in making of modern Lucknow"	UGC JRF
xv.	Savindra Kumar	Prof. Shura Darapuri	Thichnhathahn:thezenmasterhislife and works	UGC NFSC
xvi.	Rahul Kumar Bharti	Prof. Shura Darapuri	Prison life of free dom fighter sinthe british era	UGC JRF
xvii.	Kaushalya Kumari	Prof. V.M. Ravi Kumar	Ethno-HistoryofTharuTribes	UGC NFST
xviii.	Sathish Kumar Chevuri	Prof. V.M. Ravi Kumar	FracturedHistories:TheChenchusofSouthIndia (1900- 2000)	UGC NFST
xix.	Nay Mein Da	Prof. V.M. Ravi Kumar	"Ecology and Buddhism : A study of The ravada Buddhist perspective"	Non-Netfellowship
xx.	Indasiha	Prof. V.M. Ravi Kumar	DEVELOPMENT OF THE RAVADA BUDDHISMIN ANCIENT MYANMAR: 3rd CENTURY TO 11th CENTURY	Non-Netfellowship
xxi.	Meenakshi	Prof. V.M. Ravi Kumar	Tribalhistoriesofnorthernindia:acase study of post-colonial uttar pradesh	UGC JRF
xxii.	PriyankaMishra	Prof. V.M. Ravi Kumar	Hinduculturalorganizationsandindian environmentalism: from cultural and civilizational perspective	UGC JRF
xxiii.	Shivangi Maindola	Prof. V.M. Ravi Kumar	Imperialenvironmentalism:ahistorical trajectoryofforestresearchinstitute, 1906-1947	Non-Netfellowship

xxiv.	Rajiv Kumar Pandey	Dr. Sidharth Shankar Rai	भूमंडलीकरण और कुशीनगरज़िले के युवा रुझान में परिवर्तन 1991 ईसवी सन से 2016 ईसवी सन तक	Non-Netfellowship
xxv.	Prerana Rai	Dr. Sidharth Shankar Rai	WeatherForecastinginAncientIndiaearlyto6thcenturyAD	UGC JRF
xxvi.	Sheetal Kumari	Dr. Sidharth Shankar Rai	StatusofwomeninBuddhistMonasteriesinAncientIndia (6 BCE- 6 CE)	UGC JRF
xxvii.	Shripriya Pandey	Dr. Sidharth Shankar Rai	Tobefinalisedsoon	UGC JRF

13. Google profile of the faculty members, if available

i. Prof. V.M. Ravi Kumar

	All	Since2018
Citations	51	39
h-index	4	3
i10-index	1	1

ii. Prof. S. Victor Babu

	All	Since2018
Citations	8	4
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	30	21
h-index	3	2
i10-index	1	1

v. Dr. Renu Pandey

	All	Since2018
Citations	13	13
h-index	1	1
i10-index	1	1

CSSEIP

A. Research

A. Project Proposals Proposed:

- Endangered Traditional Occupation: Exploring Inclusive Measures for Sapera Communities**(under process)**

B. Teaching

B. 1 Courses Offered

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

B.1.1 CBCS Programmes: Continuing….

1. Social Exclusion and Inclusive Development,
2. Public policy, Governance & Development
3. Diversity, Equity & Inclusion
4. Globalisation & Societyy
5. Environment & Society

B. 1.2 Ph.D Programme:(Forth coming session)

1. Research Methodology
2. 2) Understanding of Social Exclusion & Inclusive Policy: Theoretical And Conceptual Framework.
3. Advanced Papers I & II
4. Indian Society : Themes & Perspectives
5. Gender Exclusion & Inclusion in History

B.2.1 Teaching other Assignments other than Centre

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

B.2.2 Examination & Evaluation

- Invigilation by faculty
- Evaluation of MPDC transcripts by faculty

B.4 . Research Supervision

Degree Awarded

- 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)**

C. Publications

C.1 Books Authored

The Book: Rural Girls Education on India, Akhand Publishing House, New Delhi (Under Process) **Dr. Prasamita Mohanty**

C.2 Chapters in Edited Books: 05

- The book chapter on "*Communal Harmony and National Integration in India: A Sociological reflection on Symbol of Harmony during Corona*" by Dr.Bibekananda Nayak in the edited Book entitled 'COVID-19 and Society: Pandemic Problems and Parxiological Perspectives', by Dr.Aditya Keshari Mishra, Mittal Publications, New Delhi ,2023, ISBN978-81-949360-6-0, pp.239-256 **Dr. Bibekananda Nayak**
- Resonance of Ambedkar's Philosophy Amng Dalits At The Grassoots 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**
- Sustainable Development Goals, Gender Equality and Inclusive Policies in India in Sustainable Development Goals For Transforming Our World by 2030 edited by Dr. M. Inbalakshmi, Shanlax, Tamilnadu, 2023. ISBN: 978-81-19042-09-8. **Dr. Sangeeta Krishna**

- Locating Gandhian Framework of Value Education in National Education Policy (NEP) 2020 A Vision Document of 21st Century Bharat by Dhiraj Singh, Akhand Publishing House, Delhi,2022, ISBN:978-93-90870-69-1. **Dr. Sangeeta Krishna**
- Women Development to Women-Led Development: Analyzing the Contours of New Paradigm in Contemporary Times in Development Issues in Uttar Pradesh edited by MK Agarwal Northern Book Centre, New Delhi, 2022. ISBN:81--7211-398-6. **Dr. Sangeeta Krishna**

C.3Research Papers in Journals: 04

- Paper The paper entitled "*women participation in Indian politics: inclusion and challenges*" has published in *Kanpur Philosophers*, an internationally peer reviewed and referred journal of humanities & social sciences, Volume 10, Issue-1(A), March,2023,180, ISSN-2348-8301, New Archaeological and Genological Society, Kanpur pp.49-56 By **Dr. Bibekananda Nayak**
- Dalit Symbolism: A Journey Towards Renewed Aspirations and Democratic Public Space, *Contemporary Voice of Dalit ,2022* 1–20.eISSN:2456-0502/ISSN2455328X **(UGC –CARE List) Dr. Sangeeta Krishna**
- Dalits in the History of Freedom Struggle : Within & Beyond Text , *Studies in Humanities & Social Sciences*(SH&SS), Vol XXIX, No. 1, Summer 2022. ISSN:0972-1401 **Dr. Sangeeta Krishna**
- Dalits Inventing Tradition Towards Democratisation Of Historical Knowledge, *The Heritage: Multi-lingual Research Journal of Indology*, Vol. XIII Issue. 1,2022. ISSN :2229-5399**(UGC – CARE List) Dr. Sangeeta Krishna**

C.4 Other Publications (Magazines) :03

- Poem on Gandhi: The Universal Panacea for a Catastrophic World in *Antyodaya : Annual Magazine, Vol 2, 2023* published by Gandhi Study Circle, Zakir Husain College, New Delhi. **Dr. Sangeeta Krishna**
- Article Gandhi: The Universal Panacea for a Catastrophic World in *Antyodaya : Annual Magazine, Vol 2, 2023* published by Gandhi Study Circle, Zakir Husain College, New Delhi **Dr. Sangeeta Krishna**
- Poem on An Epitomic Gandhi in *Antyodaya Annual Magazine Vol. 01, 2022* published by Gandhi Study Circle, Zakir Husain College, New Delhi. **Dr. Sangeeta Krishna**

D. **Seminars/Conferences Symposia**:

D.1 Paper Presentation:International/National: 03

- presented paper *"Women Participation in Indian Politics: Inclusion and Challenges"* On the theme "75 years of parliamentary democracy in India: Traditions, Issues, Problems and Challenges, (25-26 March,2023). Sponsored by Department of Higher Education, Government of Uttar Pradesh, Organized by Faculty of Law,Maharaj Balwant Singh P.G College Gangapur,Varanasi. By **Dr.Bibekananda Nayak**
- presented paper "*Right to Health of Marginalised Communities: Inequalities and Inclusion"* On the National Seminar theme "Right to Health: Problems and Future Prospects", (19-20 February,2023). Organized by V.S.S.D College, Kanpur. By **Dr.Bibekananda Nayak**
- Delivered a valedictory address on "*Roll of NSS: Duty, empowerment and National Integration"* On the National Service Scheme one-week Special Session (24-31 March,2023). Organized by NSS ,Babasaheb Bhimrao Ambedkar University, Lucknow . By **Dr.Bibekananda Nayak**

D.2 Participation:

E. Special Lectures/Interactive Discussion

- Special Lecture On "Combating Social Exclusion: Theories and Evidence" on 12 March 2022. **Speaker Prof Y Chinna Rao, JNU, New Delhi .**

F. Faculty Development Programme

- Participated in One week Faculty Development Programme(FDP) on "Research Methodology & Data Analysis" held on 23-30th March,2023 Organised by Tecnia Institute of Advanced Studies, Delhi by **Dr.Bibekananda Nayak**
- Attended National Level One Week Online Faculty Development Program on ICT Tools for Effective Teaching & Learning' organised by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur May23-28 , 2022. **Dr. Sangeeta Krishna**

- Attended National Level One Week Online Faculty Development Program on 'Research Methodology organised by Amar SewaMandal's Kamla Nehru Mahavidyalaya, Nagpur May2-7, 2022. **Dr. Sangeeta Krishna**

School of Yoga, Naturopathy & Cognitive Studies

The School of Yoga Naturopathy & Cognitive Studies comprises the following Departments.

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.**
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)

These yoga programs will strengthen the Yoga education in the country at large, and in the University at particular. When yoga education is integrated into academic institutions and society as a whole, it has the potential to enrich individuals and communities in many different ways. By incorporating yoga principles, practices, and philosophies into education, we can enhance the overall well-being and personal growth of students and educators.Besides providing education, the University would also like to work continuously on yoga research and clinical services.

As a result of these courses, the university seeks to expand awareness and knowledge about Yoga, enhance the research activities for further advancements in Yoga education. The Department of Yoga will generate learning pedagogy for Yoga to promote its practices in everyday life.Yoga is introduced in these courses as a science of holistic living, rather than simply as a set of postures.The student will be taught the concepts of yoga during the advanced course in yoga for the treatment and prevention of various psychosomatic and lifestyle-related ailments.This course aims to produce yoga professionals capable of teaching yoga therapy in a hospital paramedical department with the ability to select specific safe practice modules for specific medical conditions.

Objectives of the Programme

i. Impart the knowledge of Traditional System of Yoga Philosophy, Theory, and practical knowledge.
ii. To bring awareness of Yoga based lifestyle intervention for prevention of disease and promotion of health.
iii. To create peace, health and harmony through yoga
iv. To develop yoga therapist, teacher, researcher and instructor who can work on human health and wellbeing.

1. Number of Departments with name**- (01) Department of Yoga**
2. Number of faculty in the school(strength of non-teaching staff may also be specified)**:**
   i. Prof. Harishankar Singh, Head, Department of Yoga
   ii. Prof. Sharad Kumar Sonkar, Coordinator, Department of Yoga

i. Special highlight of the schools, if any: Department of Yoga has been regularly conducting morning yoga classes for University Students, Faculty members of BBAU, and another general public since 2021. The main objective of this session are to promote the health and prevention of disease. The

session starts at 6 am to 7 am. In addition to yoga practices, various other health counselling, consultation and yoga therapy camps have been organized to bring awareness among the population.

iii. Any other information): The Department of Yoga 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.

Department of Yoga

2. Courses offered: Two courses were offered in the Session 2022-2023:

(a) **Title of the Program:** MA/M.Sc. Yoga

i **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.

(b) **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.

2. **Facilities available in the Department** (like Departmental Library, Moot court etc.): Yoga Hall and Yoga Mats for Yoga practitioners

3. **Details of faculty**
(i) Prof. Harishankar Singh Head, Department of Yoga
(ii) Prof. Sharad Kumar Sonkar (Coordinator of the Department of Yoga)

4. **Details of the Seminar/Conference/Webinar organised by the Department.**
Name of the workshop/ seminar-National Webinar on Importance of Yoga in modern Life, **Number of Participants-**51, **Year-**2022, **Date From**01-06-2022 **to** 02-06-2022.

5. **Details of co-curricular/Extra-curricular/sports Activities(celebration of the various important day, sports events, cultural programmes, plantation drive etc)**

i. **Name of the activity-**International Day of Yoga, Yoga Mahotsav
Organising unit/ agency/ collaborating agency –NCC, NSS, Media Centre EMRIC, UP State Ayush Society and Committee of Azadi ka Amrit Mahotsav, NCC, NSS, Media Centre EMRIC, UP State Ayush Society and Committee of Azadi ka Amrit Mahotsav.
Name of the scheme- International Day of Yoga, Yoga Mahotsav
Year and date of the activity –21 June 2022, 21 May to 21 June 2022
Number of participants in such activities- 350, 51.

6. **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.

7. **Student achievements**

(a) Accomplishment of the students.

(b) Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/degree awarded.

i. The School of Yoga, Naturopathy and Cognitive Studies and Department of Yoga was established in the BBA University in the year 2020. The MA/MSc program in the Department of Yoga was started in the year 2022. Currently 8 students are pursuing MA/MSc degree in the Department of Yoga (IInd Semester). Hence, we do not have any students any student who completed their course.

ii. Number of student completed their Masters/Graduation/Diploma

The first batch of MA/MSc Yoga will be completed in the year of 2024.

- Number of students pursuing higher studies

M.A. in yoga- 2 students

M.Sc. in yoga- 6 students

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 staffmembers as well as students through online mode.

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, if any:

In the beginning, university started offering a one year (two-semester) PG Diploma in Horticulture i.e. 'Seed and Nursery Production' under the Centre for Rural Technology (CRT) from academic session 1997-98 which was continued up to session 2000-01. Further, the course was upgraded to Master Degree Programme in Horticulture w.e.f. academic 2001-02 after creation of Department of Applied Plant Science (Horticulture) under the School for Bio-sciences and Bio-technology. Later on the department started Ph. D. programme in Horticulture from academic session 2003-04. Since then concerted efforts are being made to conduct research on various horticultural crops i.e. Fruit Science (Pomology), Vegetable Science (Olericulture) and Flower Production (Floriculture) including medicinal & aromatic plants, spices & condiments and ornamental aquatic plants in order to improve their production & productivity, protection and utilization.

For conducting experiments(Research trials), the department has two Horticultural Research Farms and a state-of-the art Laboratory and Green House Structures of various types' viz., 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 (IVth semester) students, in order to enhance their orientation /communication skills and to create general awareness amongst them on different aspects of Horticulture. The department also encourages to students for attending/participating in the seminar, conference, workshop, exhibition, farmers' fair etc. on Horticultural crops. In addition to this, every year students of the department are allowed to attend the 'Flower Show' as organized by NBRI, Directorate of Horticulture U.P. Government at Raj Bhawan; Fruit Nursery Visit to Progeny Orchard, Malihabad, Farmers' Fair at CIMAP, IISR and Mango Show/Showcasing of Agricultural Technologies/innovation through exhibition CISH, Lucknow.

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.

1. Course Offered:

i. B. Voc. (Floriculture and Landscape Gardening)
ii. M.Sc. (Ag.) Horticulture
iii. Ph.D. Horticulture

2. 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 Vernier Callipers
- 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

3. Details of Faculty:

i. **Prof. R. B. Ram**
Professor
Specialization: Fruit Science (Pomology) in Horticulture under Agriculture Sciences.

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

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

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

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

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

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

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

4. Other departmental level Academic Activities:

i. How to create entrepreneurship in agriculture at villages to transfer technology from lab to land by Dr. Neeraj Kumar Prajapati, The Bicycle Man of India Agriculture on 13.05.2022.
ii. Guidance for JRF, SRF, ICAR-NET/ARS aspirants in Horticulture subjects by Prof. Pranab Hazra, Former Dean, , Post Graduate Studies, , Bidhan Chandra Krishi Vishwavidyalaya Mohanpur, Nadia, West Bengal-741252 on 06.05.2022

5. 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

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

PROF. R. B. RAM:

Life member of professional/academic bodies (if any):

i. The Horticultural Society of India, New Delhi, India
ii. The Indian Society of Vegetable Science, Indian Institute of Vegetable Research, JakhiniShahanshpur, Varanasi.
iii. The Indian Society of Ornamental Horticulture, New Delhi
iv. The Horticultural Society of Haryana, India
v. The Society for Advancement of Horticulture, Nadia, West Bengal.
vi. The Indian Science of Congress Association, Kolkata.
vii. The Indian Society of Horticultural Research & Development, Uttrakhand
viii. The U.P. Academy of Agricultural Science, UPCAR, Lucknow

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

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

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, Board of Post Graduate Studies, DoH, BBAU, Lucknow
iii. Chairperson, Departmental Research Committee, DoH, BBAU, Lucknow
iv. Chairperson, Board of Under Graduate Studies, DoH, BBAU, Lucknow

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 Pradeshik Shak-Bhaji Evam Puspa Pradarshini, Raj Bhawan, Lucknow

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

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

C.PAPER SETTER

i. External Paper setter UBKV, West Bengal
ii. External Paper setter RKMV University, Ranchi.

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,** Scientia Horticulturae, Journal of Soil Science and Plant Nutrition,
ii. International Journal of Science, Technology & Society, International Journal of Minor Fruits, Medicinal and Aromatic Plants

DR. RAVI SHANKAR VERMA:

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, 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).

7. Details of Book Chapter in edited volume:

Dr. Sutanu Maji:

i. **Guava.** In Tropical and subtropical fruit crops – Production, processing and marketing. CRC press, Apple academic Press, Taylor and Francis Group (Hard ISBN: 9781774911105; E-Book ISBN: 9781003305033)

Dr. Ravi Shankar Verma:

ii. Fundamentals of Horticulture Volume Ist (ISBN:978- 93-92953-02-6)published by Vital Biotech Publication (An International Publishers) Rajasthan ,India

8. Details of Articles published in Magazine:

Prof. Sanjay Kumar

S. No.	Name of the Topic	ISSN/ ISBN No.	Name of Magazine
1	Heterosis Breeding in Solanaceous Vegetable crops	ISSN 2582-6522	Agriculture Letters, Raichour, Karnataka
2	Artificial Intelligence in Integrated Pest Management	ISSN 2582-6522	Agriculture Letters, Raichour, Karnataka
3	Underutilized Vegetable Crops	eISSN 2582-8223	Krishi Pravahika, Kota, Rajasthan
4	Uttar Bharat maiTabuj Ki Kheti	eISSN 2583-0430	Krishi Pravahika, Kota, Rajasthan
5	Nano-teknikkemadhaya se krishichhetramai aa rahahaivyapakparivartan	eISSN 2583-0430	Krishi Pravahika, Kota, Rajasthan
6	Tamater ki VaigyanikKheti	eISSN 2583-0430	Krishi Pravahika, Kota, Rajasthan

Prof. Deepa H. Dwivedi

Reviewer in Journals

i. Reviewer in Emergent Life Sciences Research an International Journal

ii. Reviewer in Philippine Journal of Science

15. Paper published during the year by the faculty members (during 01-04-2022 to 31-03-2023)

PROF. SANJAY KUMAR:

i. Lalit Kumar, **Sanjay Kumar** and Shatrunjay Yadav (2022). Effect of organic manure and bio-fertilizers on vegetative growth, yield and Quality of Strawberry (Fragaria × ananassa Duch.) cv. Chandler. Eco. Env. & Cons. 28 (October Suppl. Issue): 2022; pp (S351-S355).

ii. Shubham Singh, **Sanjay Kumar**, Shatrunjay Yadav, Sateesh Pratap Singh, Sandeep Yadav and Manoj Kumar Awasthi (2022). Plant spacing and cultivar on quality attributes in sprouting broccoli. South African Journal of Botany 148: 737-741.

iii. Razauddin, **S Kumar**, S K Yadav, Mayaram, R C Meena and S Maji (2022). Variability assessment in Okra [Abelmoschus esculentus (L.) Moench] genotypesgrown in subtropical agro-climate of Central Uttar Pradesh.Agricultural Mechanization in Asia, Africa and Latin America 53(11) 11537-11548.

iv. Shatrunjay Yadav, **Sanjay Kumar**, RS Verma, Lalit Kumar, Anushruti, Vipnesh Singh, Dharmraj Meena, Usha Shukla and VK Sonkar (2023). Effect of different varieties and spacings on yield and quality of cabbage (Brassica oleracea L. var. capitata) The Pharma Innovation Journal 2023; 12(3): 458-461.

v. Rakesh Kumar Meena and **Sanjay Kumar** (2023). Variability, Heritability and Genetic Advance in Tomato (Solanum lycopersicum L.) Genotypes. International Journal of Plant & Soil Science 35(4):138-144.

PROF. DEEPA H. DWIVEDI:

i. Mohammad Faizan Husain, Devi Singh, C John Wesley, Vijay Bahadur, Ankit Singh Bhadauria, **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. Shri Kant Bharty, **Deepa H Dwivedi**, RB Ram and Rubee Lata (2022). Effect of different dates of planting and genotypes vegetative growth and yield characters of Cape gooseberry (Physalis peruviana L.) under Lucknow conditions. The Pharma Innovation Journal 2022; 11(12): 912-915.

PROF. M. L. MEENA:

i. Braj Kishore , **M.L. Meena,** Nirankar, S. Verma , A.K.Goyal , S. kumar and S.Yadav (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*

ii. Rajmani Singh, **ML Meena,** A.K.Goyal , S. Yadavand Ruchika Abha **(2022)**. Effect of integrated nutrient management on flowering, yield and quality of African marigold (*Tagetes erecta* L.) cv. Pusa NarangiGainda. *Multilogic in Science*; 12 (43): 70-73

iii. Rajmani Singh, **ML Meena,** R.S.Verma, D. Meena, R.K.Meena, S. Verma and A. Tiwari **(2022)**. Effect of integrated nutrient management on vegetative growth and flowering of African marigold (*Tagetes erecta* L.) cv. Pusa NarangiGainda. *The Pharma Innovation Journal*; 11(6): 2020-2023

iv. G.K.Choupdar, ML Meena, R. Jangid, Ramdhan Choupdar and P.K.Bairwa (2022). Effect of edible coating on physiological functional parameters of guava fruits (*Psidium guajava*) cv. L-49. *The Pharma Innovation Journal*; 11(5): 1878-1882

v. Sunita, **ML Meena,** A. Choudhary, Anjali Nagori and U.B. Nishad **(2022)**. Impact of plant growth regulators on development of dragon fruit cutting. *Annals of Horticulture,* 15(2) 162-167

vi. Sunita, **ML Meena,** A. Choudhary and Nyali Meena, **(2022)**. Impact of plant growth regulators on root development of dragon fruit cutting. *Journal of Plant Development Sciences,* 14(1) 51-58

vii. R. Jangu, **ML Meena,** B. C Shivran and R. C.Meena (2022). Effect on root and yield parameter by optimizing the nitrogen level and adjustment of spacing in lettuce (*Lactuca sativa* L.). *The Pharma Innovation Journal*; 11(1): 1927-1931

viii. R. Jangu, **ML Meena,** B. C. Shivran and R. C. Meena (2022). Determining the combined effect of nitrogen and spacing on growth parameters in lettuce (*Lactuca sativa* L.). *The Pharma Innovation Journal*; 11(2): 1740-1745

DR. SUTANU MAJI:

i. R. C. Meena1, M. L. Meena, Razauddin, Mayaram, V. K. Meena, A. R. Meena and **S. Maji**. (2022). Effect of Fertilizers Along With Boron on Yield and Quality of Cauliflower (*Brassica oleracea* var. *botrytis* L.) Grown at Central Uttar Pradesh. Indian Journal of Natural Sciences.13 (72): 43081- 43085.

ii. Rawat AK, **Maji S**, Mayaram, Razauddin, Aditya Kumar Maurya, Ramesh Chand Meena (2022). Effect of fertilizers, vermicompost and farmyard manure on growth of red dragon fruit (*Hylocereuscostaricensis* (Web.) Britton and Rose). Agricultural and Biological Research (AGBIR). 2022; 38(4):332-335. DOI:10.35248/0970-1907.22.38.332-335

iii. Maya Ram, Mata Prasad, Razauddin, Ramesh Chand Meena and **S. Maji.** (2022).Studies on Integrated Nutrient Management and Multiple Harvesting of Coriander (*Coriandrum sativum* L.). Indian Journal of Natural Sciences. 13 (73):46067-46072.

iv. **S. Maji,** T. Prakash, A. K. Goyal, A. Tiwari, Razauddin, Mayaram and R. C. Meena (2022). Effect of foliar application of chitosan and urea on growth, yield and quality of palak (*Beta vulgaris* var. *bengalensis* L.) cv. All Green. South Asian J Exp Biol; 12 (5): 585-590; 2022 [DOI: 10.38150/sajeb.12(5).p585-590].

v. Rohit Singh, **S Maji**, Razauddin, Mayaram and R C Meena (2022). Response of Dragon Fruit *[Hylocereuscostaricensis* (web.) Britton and Rose] on Combine use of Chemical and Organic Nutrition Managements. Indian Journal of Natural Sciences. 13 (74):48746- 48750.

vi. **S. Maji**, Pradhan Bairwa and Maya Ram (2022). Effect of Mulching on Growth of Dragon Fruit [*Hyloceruscostaricensis* (Web.) Briton and Rose]. Indian Journal of Natural Sciences. 13 (75):49728- 49734.

vii. Dharamveer, **S. Maji,**Razauddin, A. K. Goyal Mayaram, R. C. Meena (2022). Effect of Kitchen Waste Compost, Urea and FYM on Production of Broccoli (*Brassica oleracea* var. *ItalicaPlenck*) cv Pusa KTS-1. Environment and Ecology. 40 (4A) : 2200—2206.

viii. Vikram Meena, **S. Maji**, Razauddin, A. K. Goyal, Mayaram, R. C. Meena (2022). Phenology and Fruit Quality of Pomegranate cv Bhagwa as Influenced by Micronutrients. Environment and Ecology 40(4A): 2266—2271.

ix. Razauddin, S Kumar, S K Yadav, Mayaram, R C Meena and**S Maji**(2022). Variability Assessment in Okra [*Abelmoschus Esculentus* (L.) Moench] Genotypes Grown in Subtropical AgroClimate of Central Uttar Pradesh. Agricultural Mechanization in Asia. 53 (11): 11537-11548.

x. Sudhanshu Verma, **S. Maji,**Razauddin, Mayaram, R. C. Meena (2023).Interaction Effect of Plant Spacing and Varieties on Growth, Yield and Quality of Cabbage (*Brassica oleracea* var. *capitata* L.). Environment and Ecology 41 (1) : 23—28.

xi. Aditya Kumar Maurya, **Sutanu Maji**, Razauddin, Mayaram, Atul Kumar Rawat, Ramesh Chand Meena (2023). Studies on Vegetative Growth of Dragon Fruit [*Hylocereuscostaricensis* (Web.) Britton and Rose] as Influenced by Nano Urea, Urea, FYM and Vermicompost. Environment and Ecology 41 (1C) : 709—716.

DR. RAVI SHANKAR VERMA:

i. LavkushPandey, **Ravi Shankar Verma**, Kuldeep Kumar Shukla, Jitendra Kumar Shukla and Sanjay Pathak**(2022)** Effect ofIBA and NAA on Rooting of Stem cutting in Dragon Fruit [*Hylocereusundatus*(Haworth) Britton & Rose] published in Journal of Experimental Agriculture International Vol.44(6):1-6,2022.

ii. Monika Kumari Meena and **R.S. Verma** and RB RAM**(2022)**Effect of micronutrients on physic-chemical parameters of fruit and yield of guava(*Psidiumguajava* L.) cv.L-49 published in International Journal of Plant and Soil Science, 34(17):11-17,2022

iii. Rajmani Singh, ML Meena, **RS Verma**, DharmrajMeena,Rajesh Kumar Meena,Sushanshu Verma and AbhishekTiwari**(2022)** Effect of integrated management on vegetative growth and flowering of African marigold(*Tagateserecta* L.) cv.PusaNarangiGainda published in The Pharma Innovation Journal, VOL.11(6) 2022: 2020-2023

iv. Kriparam Meena, **RS Verma**, Satrunjay Yadav VipneshSingh,Lalit Kumar and Dharmraj Meena**(2022)** Effect of zinc and boron on growth, yield and quality of guava(*Psidiumguajava* L.) cv.L-49 published in International Journal of Plant and Soil Science, 35(8):98-103,2023

v. Ravikant, **RS Verma**, Vipnesh Singh, RubeeLata and Dharmraj Meena **(2022)** Effect of Plant growth regulators on root development of dragon fruit cuttings [*Hylocereusundatus*(Haworth) published in Asian Journal of Microbiology,Biotechnology and Environmental Sciences, Vol.24(4):2022:807-810

vi. Monika Kumari Meena, **R. S. Verma***, Anil Kumar Yadav, Moomal Bharadwaj **(2022)**Effect of micronutrients on growth parameters of guava(*Psidium guajava* L.) cv.L-49 published in Frontiers in Crop Improvement,Vol-10:3765-3768.

DR. RUBEE LATA:

i. Viplaw Kumar, RB Ram, RS Verma, Sanjay Kumar, **Rubee Lata** and Shatrunjay Yadav (2022). Studies on genetic diversity for quality parameters of mango (Mangifera indica L.) genotypes. The Pharma Innovation Journal 2022; 11(2): 1377-1379.

ii. Ravikant,RS Verma, Vipnesh Singh, **Rubee Lata** and Dharmraj Meena **(2022).** Effect of Plant growth regulators on root development of dragon fruit cuttings [*Hylocereusundatus*(Haworth). *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 24(4): 2022:807-810.

iii. Usha Shukla, Rubee Lata, Shtrunjay Yadav and Pradeep Kumar**(2022).** Studies on the effect of plant growth regulators on physical parameters of guava (*Psidium guajava* L.) cv. Allahabad Safeda. Frontiers in Crop Improvement, 2022, 9:3947-3949.

iv. Shukla, U., **Lata, R**., Yadav, S. and Kumar, P. (2022). Studies in the effect of foliar spray of micronutrients on physical parameters of guava (*Psidium guajava* L.) cv. Allahabad Safeda. *Current Journal of Applied Science & Technology*. 41(21): 35-39.

v. Shri Kant Bharty, Deepa H Dwivedi, RB Ram and **Rubee Lata**. (2022). Effect of different dates of planting and genotypes on vegetative growth and yield characters of cape goose berry (*Physalis peruviana* L.) under Lucknow condition.*The Pharma Innovation Journal; 11(12): 912-915.*

16. Attended/Participated in conference/ seminar/ workshop inside country

PROF. DEEPA H. DWIVEDI:

Conferences

i. Participated in National Conference cum Workshop on "Drone : A Boom for Agriculture" jointly organized by school of advanced agriculture sciences and technology, CSJM University Kanpur and Agri Meet Foundation held on 27 to 29 January, 2023.

ii. Progressive Horticulture conclave- Transforming Horticulture: Science into Technology, Organized by Indian Society of Horticulture Research and Development and G. B. Pant University of Agriculture and Technology, Pantnagar February 3-5, 2023.

iii. National Seminar on "Breaking Gender Biases : A Step Towards Sustainable Development" jointly organized by Department of Chemistry, Navyug Kanya Mahavidyalaya Lucknow, Association of Chemistry Teachers and Prof. Sharda Prasad Tiwari Memorial Trust February 14, 2023.

Radio Talk

i. Career Opportunities In Horticulture at Gyanvani, Indira Gandhi National Open University New Delhi.

DR. SUTANU MAJI:

i. International conference on Contribution of Agriculture for challenges and opportunity of Food Security till 2030. Mangalayatan University, Jabalpur, Madhya Pradesh on 15-16 October 2022
ii. National seminar on Strenhthening environmental health: role of society, science and technologyGuruGhasidas Vishwavidyalaya, Bilaspur during 26-27 September 2022
iii. National seminar on Advanced Production Technology of Dragon Fruit.Horticulture Training Institute Uchani Karnal (Haryana) (Department of Horticulture, Haryana) held on 25th May 2022

DR. RAVI SHANKAR VERMA:

i. Participated & Paper presentation on **Prospects of Entrepreneurial Venture in Horticulture** in National seminar on Independence 2.0: Building Aatmanirbhar Bharat Through Make in India organized by Department of Rural Management, BBAU,Lucknow.
ii. Participated & Paper presentation on**Role of fruit bagging in quality traits of guava** in National Conference on Challenges and Prospects of Horticulture in India October 31, 2022 organized by Department of Horticulture,SAST,BBAU,Lucknowheld at Babasaheb Bhimrao Ambedkar University, Lucknow.
iii. Participated & Paper presentation on **Role of Women Workers in Horticulture** in National Conference on Inclusiveness of the Differently Abled Women: Opportunities and Challenges in India organized by Committee of Basic Facilities for Women, Gender Champions Committee, Azadi ka Amrit Mahotsav Committee BBAU,Lucknow.
iv. Participated & Paper presentation on **Challenges of disabled persons in horticulture** in National Conference on Rehabilitation of people with disabilities:Early Identification and Intervention organized by Department of Empowerment of Persons with Disabilities ,Government of Uttar Pradesh and Gender Champions Committee ,BBAU, Lucknow.

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

i. Participated & Paper presentation on **Effect of different growing media on root and shoot growth of dragon fruit cutting** in International symposium on Recent Environment and Society (ICES 2022) oraganised by Jiwaji university, Gwalior, NIDM,GESA and ABRF.held at Jiwaji university, Gwalior (M.P.)
ii. Participated & Paper presentation on **Recent Advances in Horticulture**inInternational conference on International Science on Rural Technology and Development (ISCRTD-2023) oraganised by Department of Management Studies, BBAU and HS Foundation for Science and Society and The National Academy of Sciences ,India held at. BBAU Lucknow (U.P.)
iii. Participated & Paper presentation on**Role of Agri-tourism in India: An Anylitical Study** in International conference on Religious Tourism (ICRT-2023) organised by Department of Management Studies, BBAU held at. BBAU, Lucknow (U.P.)

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

i. Participated & Paper presentation on **Prospects of Entrepreneurial Venture in Horticulture** in National seminar on Independence 2.0: Building Aatmanirbhar Bharat Through Make in India organized by Department of Rural Management, BBAU,Lucknow.
ii. Participated & Paper presentation on**Role of fruit bagging in quality traits of guava** in National Conference on Challenges and Prospects of Horticulture in India October 31, 2022 organized by Department of Horticulture,SAST,BBAU,Lucknowheld at Babasaheb Bhimrao Ambedkar University, Lucknow.
iii. Participated & Paper presentation on **Role of Women Workers in Horticulture** in National Conference on Inclusiveness of the Differently Abled Women: Opportunities and Challenges in India organized by Committee of Basic Facilities for Women, Gender Champions Committee, Azadi ka Amrit Mahotsav Committee BBAU,Lucknow.
iv. Participated & Paper presentation on **Challenges of disabled persons in horticulture** in National Conference on Rehabilitation of people with disabilities:Early Identification and Intervention organized by Department of Empowerment of Persons with Disabilities ,Government of Uttar Pradesh and Gender Champions Committee ,BBAU, Lucknow.

DR. RUBEE LATA:

i. Participated and presented paper on 'Disability among rural women and girls, awareness, educational and human right' in National Seminar on "Inclusiveness of differentially abled women: Challenges and opportunities in India", Sub-theme: Rural women and girls with disabilities organized by Department of Empowerment of Persons with Disabilities,Government of Uttar Pradesh and Gender Champions Committee, BBAU on 31st December, 2022.

ii. Participated and presented paper on 'Role of fruit bagging in quality traits of guava' in National seminar on "Challenges and Prospects of Horticulture in India" organized by Department of Horticulture, School of Agricultural Sciences &Technology, Babasaheb Bhimrao Ambedkar University, Lucknow on 31st October, 2022.

iii. Attended following webinars:

iv. Attended BSHF Webinar Series-5H, Indian Future Horticulture, Talk-23 : "Hanging Greenery and Vertical Gardens" by speaker: - Shri Pradeep Barpande organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 31st December, 2022.

v. Attended BSHF Webinar Series-5H, Indian Future Horticulture, Talk-11 : "Medicinal and aromatic plants for next decade" by speaker: - Dr. Sanjay Kumar organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 25 September, 2022.

17. Details of invited lecture inside the country:

Dr. Sutanu Maji

i. Special invited lecture to the students of PG Diploma in Remote sensing and GIS running by Dept. of Geography, Institute of Science, Banaras Hindu University, on 31 May 2022

ii. Keynote speaker at International conference on Contribution of Agriculture for challenges and opportunity of Food Security till 2030 organized by Mangalayatan University, Jabalpur, Madhya Pradesh on 15-16 October 2022

iii. Resource person at Farmers Training on Fruit and Vegetable Preservation on 21.02.2023 organized by India Literacy Board, Lucknow

18. Details of invited lecture outside the country:

Dr. Sutanu Maji

i. Special invited lecture to the students of PG Diploma in Remote sensing and GIS running by Dept. of Geography, Institute of Science, Banaras Hindu University, on 31 May 2022

ii. Keynote speaker at International conference on Contribution of Agriculture for challenges and opportunity of Food Security till 2030 organized by Mangalayatan University, Jabalpur, Madhya Pradesh on 15-16 October 2022

iii. Resource person at Farmers Training on Fruit and Vegetable Preservation on 21.02.2023 organized by India Literacy Board, Lucknow

Dr. R. S. Verma

i. Acted as Rapporteur in National Conference on Rehabilitation of people with disabilities: Early Identification and Intervention organized by Department of Empowerment of Persons with Disabilities ,Government of Uttar Pradesh and Gender Champions Committee ,BBAU, Lucknow (U.P.)

ii. Acted as Convenor in 'National Conference on Challenges and Prospects of Horticulture in India October 31, 2022 organized by Department of Horticulture, SAST, BBAU, Lucknowheld at Babasaheb Bhimrao Ambedkar University, Lucknow,(U.P.)

19. Students achievements:

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

Sr. No.	Name of the Ph.D. Scholar	Name of the Faculty
1	Mayaram	Dr. Sutanu Maji, Assistant Professor
2	Ruchika Abha	Prof. M. L. Meena, Professor, DoH
3	Brajendra Kr. Pushkar	Dr. Rubee Lata, Assistant Professor, DoH
4	Abhishek Tiwari	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	Usha Shukla	Dr. Rubee Lata, 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. Rubee Lata, Assistant Professor, DoH
16	Diksha Sangh Mitra	Prof. Sanjay Kumar, Professor, DoH
17	Shyam Sundar	Prof. Deepa H. Dwivedi, Professor

M.Sc.(Ag.) Horticulture

Sl. No.	Name of the Students	Name of the Supervisor
1	Narendra Yadav	Prof. Sanjay Kumar, Professor, Department of Horticulture
2	Sagar Saini	Prof. Sanjay Kumar, Professor, Department of Horticulture
3	Suman Choudhary	Prof. Sanjay Kumar, Professor, Department of Horticulture
4	Nair Branisha Ravi	Prof. Sanjay Kumar, Professor, Department of Horticulture
5	Manoj Kumar Aseri	Prof. Sanjay Kumar, Professor, Department of Horticulture
6	Rahul	Prof. Sanjay Kumar, Professor, Department of Horticulture
7	Abhishek Mishra	Prof. Sanjay Kumar, Professor, Department of Horticulture
8	Shailesh Salvi	Prof. Sanjay Kumar, Professor, Department of Horticulture
9	Mohit Jat	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
10	Amit Bharti	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
11	Om Prakash Nagar	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
12	Kuldeep Sharma	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
13	Raj Kumar	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
14	Krishan Kant Meemrot	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
15	Tuntun Kumar Yadav	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
16	Devkaran	Prof. Deepa H. Dwivedi, Professor, Department of Horticulture
17	Sunil	Dr. M. L. Meena, Professor, Department of Horticulture
18	Shivraj Yadav	Dr. M. L. Meena, Professor, Department of Horticulture
19	Golu Shankar Nagar	Dr. M. L. Meena, Professor, Department of Horticulture
20	Ojaswitha Rao Racharla	Dr. M. L. Meena, Professor, Department of Horticulture
21	Ashutosh Kumar Tamta	Dr. M. L. Meena, Professor, Department of Horticulture
22	Mahaveer Meena	Dr. M. L. Meena, Professor, Department of Horticulture
23	Suresh Kumar	Dr. M. L. Meena, Professor, Department of Horticulture
24	Amar Singh Meena	Dr. M. L. Meena, Professor, Department of Horticulture
25	Neha	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
26	Atul Dhakad	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
27	Praveen Kumar	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
28	Lakshmi Chandra	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
29	Dilkush Meena	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
30	Krishna Jat	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
31	Anup Baitha	Dr. Sutanu Maji, Assistant Professor, Department of Horticulture
32	Tendul Chouhan	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
33	Rishabh Singh	Dr. R. S. Verma, Assistant Professor, Department of Horticulture

34	Raju Ram	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
35	Tinku Nagar	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
36	Pankaj Kumar	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
37	Lakhvinder	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
38	Mahandra Kumar Dhanka	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
39	Shikha Choudhary	Dr. R. S. Verma, Assistant Professor, Department of Horticulture
40	Shipra Kumari	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
41	Deepak Kumar Meena	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
42	Shubham Pal	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
43	Anees Kumar	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
44	Ashutosh Kumar	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
45	Sarjesh Kumar Meena	Dr. Rubee Lata, Assistant Professor, Department of Horticulture
46	Gajanand Choudhary	Dr. Rubee Lata, Assistant Professor, Department of Horticulture

Thesis Submission/Degree Awarded

Sl. No.	Name of students	Year of Submission	Topic	Supervisor
1	Mr. Shatrunjay Yadav	2023	Effect of different varieties and spacing on growth, yield and quality of cabbage (Brassica oleracea L. var. capitata)	Prof. Sanjay Kumar
2	Mr. Rajmani Singh	2023	Effect of integrated nutrient management on growth, flowering and yield of african marigold (Tagetes erecta L.) cv. Pusa narangigainda	Prof. M. L. Meena
3	Mr. Viplaw Kumar	2022	Studies on genetic diversity for morphological and biochemical aspects of mango (Mangifera indica L.) cultivars	Prof. R. B. Ram
4	Mr. Amit Kumar Bhargava	2022	Heterosis and combining ability analysis for growth, yield and quality attributes in bottle gourd (Lagenaria siceraria (Mol.) Standl.)	Prof. R. B. Ram
5	Mr. Prem Kumar	2022	Studies on the effect of plant growth regulators on growth, flowering, fruiting, yield and quality of guava (Psidium guajava L.)	Prof. R. B. Ram
6	Mr. Mata Prasad	2022	Performance of onion (*Allium cepa* L.) cultivars as kharif crop under different dates of transplanting	Dr. Sutanu Maji

- **Number of student complete their Masters/Graduations/Diploma:** 46 (Forty six)
- **Number of students selected in Civil services (UPSC/UPPSC):** 02(UPPSC)
  1. **Mr Shubham Singh,** Horticulturist selected by UPPSC, Prayagraj
  2. **Mr Pradeep Kumar,** STAselected by UPPSC, Prayagraj
  3. **Mr. Rajmani Singh,** STA selected by UPPSC, Prayagraj
  4. **Mr. Sooraj Maurya,** STA selected by UPPSC Prayagraj

a. Details of students selected for teaching in higher education: 03 (Private Sector)

i. **Dr Pallavi Choudhary,** Asstt. Professor/SMS, S. V. P. U.A.&T, Meerut w.e.f. 02.07.2022

ii. **Mr Jyoti Swaroop,** Asstt. Professor/SMS¸ S. V. P. U.A.&T, Meerut w.e.f. 05.07.2022

iii. Number of student pursuing higher studies: 04 (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: -**
NET: 04
UGC Fellowship: 04
RGNF-01

20. Google profile of the faculty members :

a. **Prof. Sanjay Kumar:**
Citations -983,
h index-18,
i10 index-35

b. Prof. Deepa H. Dwivedi:
Citations -440,
h index-10,
i10 index-12

c. **Dr. M. L. Meena:**
Citations -791,
h index-15,
i10 index-27

d. Dr. Sutanu Maji:
Citations -987,
h index-17,
i10 index-31

e. Dr. R. S. Verma:
Citations -145,
h index-07,
i10 index-04

f. Dr. Rubee Lata:
Citations -305,
h index-10,
i10 index-11

SCHOOL OF MEDIA AND COMMUICATION

School of Media and Communication has been established in the year 2015 and became fullyoperational 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 andCommunication is not only a place where the students get quality educationand degree but also a platform that encourages collaboration,disseminates job opportunities,enhances creativity,and provides global exposure to the students.

The students of School of Media and Communication are not only place dinreputed organizations across India but also brought many moments of pride for the School and the University. The films and there search 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, Indian Information Services, Times of India, Hindustan Times, Dainik Jagran, Amar Ujala etc. Many of the research scholars are working as Assistant Professors in Central and State Universities. Anumberof 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-curricularactivitiesarealsoconductedforanall-inclusivedevelopmentofthestudentsatSchool ofMediaand Communication.

1. Number of Departments: **01 (Department of Mass Communication & Journalism)**
2. Number of faculty in each Department: **07**

DEPARTMENT OF MASS COMMUNICATION AND 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.

2. Courses offered:

i. Ph.D (2009)
ii. M.Phil (2013 - 2020)
iii. M.A. (JMC) (2008)

3. Facilities available in the Department (like Departmental Library, Moot court etc.)

i. Departmental Library
ii. Computer Lab
iii. Smart Class Room

4. Details of faculty:

i. Prof. Gopal Singh
Professor & Head
Qualification: - M.A. (English) , Cert. (Japanese Language)
MJ ,Ph.D., UGC NET-JRF
Specialization: - Film & TV Journalism, Communication Research ,Health Communication

ii. Prof. Govind Ji Pandey
Professor & Dean

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) MJ,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: - MJ ,Ph.D., UGC NET-JRF
Specialization:- Development communication, Electronic media and new media

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

i. वेब पत्रकारिता में हिन्दी का अनुप्रयोग'' 14.09.2022
ii. "Unrevealed Aspects of Amedkar'sScienific Temperament and Reforms in Nation Building"

9. Visitors of Department from inside the country (during 01.04.2022- 31.03.2023)

Dr.M.K.Padhy

a. Future Challenges for Media on Gender Diversity and Inclusivity(As a Resource Person), Dept. of Journalism and Mass Communication, KMC Laanguage University, Lucknow,2023
b. Freedom and Fan Fiction in the Media, (As a Resource Person), Dept. of Journalism and Mass Communication, KMC Laanguage University, Lucknow,2022
c. Media and Sustainable Development, Invited Lecture in International Conference, Adamas University, Kolkotta,2023.
d. Communication Research for A Sustainable Future, Invited Lecture, School of Media, Film and Entertainment, Sharda University,2022.
e. Communicating Science for Development Sustainability, Communication Today Journal ,Jaipur Rajasthan,2022.
f. Communicating the Constitutional Rights of Youth with Disability: A Study.Dept.of Empowerment of Persons with Disabilities, Goovt.of UP and Gender Champions Committee, BBAU, Lucknow.2023.
g. Determinants and Segmentations of Communicating Women Dibyanjan: A Study in the Indian Context, National Commission for Women, New Delhi and BBAU, Lucknow.2022.

10 – Members / Fellowship of professional / academic bodies / editorial board.

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) Member of 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
h) BPGS,Member of MGKPVaranasi
i) BPGS Member of Central University, South Bihar Gaya

Prof. Govind ji Pandey :

a) BPGS member , UPRTOU, Allahabaad .
b) BPGS member ,Awadh University , Faizabaad
c) BPGS Member, DMCJ, Kushabhau Thakre University, Raipur.

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

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
l) RAC Member of Department of Journalism and Mass Communication, KMCLU

Dr. Kunwar Surendra Bahadur:

a) RAC Member of Department of Journalism and Mass Communication, KMCLU
b) Member of Distance Education Bureau

Dr. Loknath :

i. BPGS member , UPRTOU, Allahabaad .

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.

13. Details of Books written/edited by faculty members

Prof. Govind Ji Pandey :-

Health Care Communication during COVID - 19 Pandemic : An Anaysis of Challenges and Difficulties Faced by Journalists while Working During Lockdown in Lucknow,Title - Beyond New Media In South Asia ,ISBN9789795303022Unhas Press

Dr. M.K. Padhy :-

Title:"Health Communication, Environment and Development Sustainability", Indu Book PublicationsPvt. Ltd. New Delhi,2022

Dr. Kunwar Surendra Bahadur :-

कॉर्पोरेट संचार : संरचना, कार्य और दायित्व "भारत में कॉर्पोरेट संचार" ISBN 9798886844597, NOTION PRESS , 2022

Dr. Arvind Kumar Singh

a)- कॉर्पोरेटसंचार : अर्थ उद्देश्य "भारत में कॉर्पोरेट संचार" ISBN9798886844597,NOTION PRESS ,2022

b)- COVID GEET ISBN 978-81-956248-0-5, INDIAN SCIENCE COMMUNICATION SOCIETY,2022

c) - Communication Today "Impact of Digital Photography on our Life"ISBN 0975217X,Popular Printers, Jaipur

13 – Details of editing journals and magazines

Prof. Gopal Singh

Probing astrology shows as news content on Hindi news channels :An interview enquiry,journalsBohalShodh Manjusha ISSN 23957115 .2022

Dr. Rachana Gangwar

a. The Covid-19'Infodemic': Analysis a Fct - Checking Report and Role of Government in Curbing Fake News,Communication Today ISSN 0975-217X .2022

b. The infuence of social media on language learning : A study based on litreturereview,International Journal of Creative Research Thought ISSN 2320-2882.2022

Dr. M. K. Padhy

ShodhPrerak: An International Journal

Dr.Kunwar Surendra Bahadur

a) A study on use and effectiveness of twitter in the management of COVID-19 related communication in select four district of Uttar Pradesh India,Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal),2022

b) Journalism of Dr.Ambedkar and contemporary independence online journalism,Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal),(Online)-2710-2432ISSN (Print)-2710-2424Vol-1-Issue-2

c) **कोरोना महामारी के दौरान पठन – पठान में सोशल मिडिया की भूमिका का अध्ययन (बरेली जनपत के माध्यमिक व उच्चतर माध्यमिक विद्यालयों के छात्रों के सन्दर्भ में**, The Asian Thinker ISSN , 25821296 ,2022

d) **सामाजिक जनजागरण में डॉ भीमराव आंबेडकर की संचार शैली का अध्ययन**, **अपनी माटी**, ISSN 23220724

e) **भारत की भाषाई विविधता में स्वास्थ्य संचार : चुनोतियो एवं संभावनाएं**, **अपनी माटी**, ISSN 23220724

Dr. Loknath

a) **सोशल मीडिया के सन्दर्भ में साइबर अपराध का विश्लेषणात्मक अध्ययन**, **संचार माध्यम** ISSN 23212608 :2022

14 Details of Book Chapter in edited volume / conference volume

Dr. M. K. Padhy

a. Lifestyle Communication and Environmental Sustainability, Learning from the Covid -19 Pandemic, CRC Press, Taylor and Francis Group, London,2023.

b. Development Journalism: Issues, Challenges and Directions, Overcoming Intercultural Barriers Through for Effective Development Communication, UNICEF & Press Club of West Bengal, Kolkatta, 2022.

15. Paper Published during the year by the faculty members(during01.04.2022 - 31.03.2023)

Dr.M.K.Padhy

a) Development Journalism,Gender and Sustainable Development: A Participatory Approach, ShodhDisha: An International Research Journal Vol.61/4, Jan-March,2023, UGC CARE Listed Jlurnal.

b) Green Information and Communication Techology for Facilitating Sustainable Development:A Participatory Communication Approach, Annals of the Bhandarkar Oriental Research Institute Journal,UGC CARE Listed Group- I Journal,**Impact Factor 6.5, 2023.**

c) NON-VERBAL HUMOR COMMUNICATION, HUMAN PSYCHOLOGY AND STAND-UP COMEDY: A QUALITATIVE SCHEMA ANALYSIS IN THE INDIAN CONTEXT, Rabindra Bharati Journal of Philosophy, UGC CARE Listed Group- I Journal,2023.

d) EFFECTIVE MOBILE JOURNALISM (MOJO) STRATEGY FOR PROMOTING HEALTH INFORMATION: A PARTICIPATORY MEDIA LITERACY CAMPAIGN FOR CITIZEN

ENGAGEMENT DURING GLOBAL PANDEMIC, Journal of the Asiatic Society of Mumbai,2023.

e) ग्राभीण भहहराओं के स्वास्◌्मसंफंधधतसभस्माओंकेप्रततजागरूकताभेंजनसंचायककबूमभका: एकववश्रेषणात्भकअध्ममन,,Madhya-Bharti-Humanities and Social Sciences, UGC CARE Listed Group- I Journal. UGC CARE Listed Group- I Journal,**Impact Factor** 6.42023.

f) Media Literacy and Adoption of Green Lifestyle for a Sustainable Future: A Study with Special Reference to Digital Literacy Campaign, International Journal for Food and Nutritional Sciences, Jan.2023.UGC CARE Listed (Group –I) Journal, Peer Reviewed Journal, Impact Factor 7.8.

g) Promoting Media and Health Literacy Campaign for Mitigating Women Malnutrition in the Tribal District of Odisha: A Participatory Research study. Journal of the Oriental Institute,UGC CARE Listed (Group –I) Journal, Peer reviewed Refereed Journal.

h) STAND-UP COMEDY AND SOCIETY: AN EFFECT STUDY ON SOCIETAL DEVELOPMENT FROM MEDIA LITERACY VIEW POINT, Madhya-Bharti-Humanities and Social Sciences,2023 , UGC Care Listed Journal, **Impact Factor 6.4**.

16– Participated / Paper Presented in Conferences/seminar/workshop inside Country

Dr.M.K.Padhy

a) Lifestyle Mediated Communication for a Sustainable Future: A Participatory Approach,International Conference, Partician College of Arts and Science, Chennai,2022.

b) Communication Trends and Practices in the Digital Era, Amity school of Communication, Amity University, Noida, Uttar Pradesh,2022.

c) Lifestyle Communication for Development Sustainable Development: A Participatory approach from Consumption to Information Dissemination.

d) International Conference, Association of Socio-Economic Development Studies &Goyal Institute of Higher Studies, Lucknow,2022.

e) Commn Strategy for Sustainable Tourism Development, International Conference, Department of Management Studies, BBAU and National Academy of Sciences, India,2023.

f) Role of Radio as an ICT Educational Tool for Sustainable Development: A Participatory Approach in the Indian Context, International Conference, Department of Mass Communication, Karim City College, Jamshedpur, Jharkhand,2023.

g) Digital Communication, Green Lifestyle and Sustainable Development, International Conference, Dept. of MCJ,Adamas University, Kolkatta, WB.2023.

h) Green Communication, Media Culture and Sustainable Development, International Conference, Mar Ivanios College, Thiruvananthapuram, Kerala,2023.

i) Rural Communication, Media and Sustainable Development, International Conference, International Science Congress on Rural Technology and Development, Dept. of Management Studies, BBAU, Lucknow,2023.

j) Development Journalism, National Media Conference, UNICEF and Press Club, Kolkata,2022.

17 - Attended/participated in Conferences/ seminar/workshop outside country

a. Media, Development Sustainability and Climate Change, International Conference**(Abroad),**School of Media and Communication, Manipal University, Dubai.2022.

b. Mediated Communication Strategy for Participatory Devekopment ,International Conference**(Abroad),**Dept of Arabic Studies, Mila University, Algeria,2022.

22 - Details of National Awards/fellowship

Dr.M.K.Padhy

Research and Academic Excellence Award, BBAU. Lucknow,2023.

23 Details of International Awards/fellowship

Dr.M.K.Padhy

Recipient of Best Paper Award in an International Conference Orgaized by Amity University, Noida, U.P.. 2022.

24 Details of Research Projects (major and Minor)

Dr.M.K.Padhy

ONE Research Project awarded from ICSSR, New Delhi, Funding Amount: Five Lakhs, Year- 2023.

25 Students achievements

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

S.N.	Name	Supervisor	Award Year
1	Pratima	Prof. Govind Ji Pandey	2023
2	Brijendra Kumar Verma	Dr. Mahendra Kumar Padhy	2023
3	Girish Shastri	Dr. Kunwar Surendra Bahadur	2023
4	Anurag Pandey	Prof. Govind Ji Pandey	2023

- **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 pursuing higher studies**

Sl. No.	Name of student enrolling into higher education	Program graduated from	Name of institution admitted to	Name of programme admitted to	Year
1	Geetanjali Banoriya	M.A. Mass Communication & Journalism	Goldsmiths University London	M.A. Promotional Media	2022
2	Aishwarya Chaturvedi	M.A. Mass Communication & Journalism	Lucknow University	Ph.D.	2022
3	Suraj Shukla	M.A. Mass Communication & Journalism	CSJM Kanpur University , Kanpur	Ph.D.	2022

- **Number of student selected on Other government jobs/banking/school teaching ,etc**

S.No.	Year	Student Placement in Govt. Sector / Central	Private Sector
1.	2022	02	
2.	2023	03	

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

S.No.	Year	NET/JRF/GATE	Awards
1.	2022	06	15
2	2023	03	

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

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.

1. **Course Offered:**
   - M.A. in Sanskrit and Vedic Studies
   - Ph.D.
2. **Facilitiesavailableinthedepartment:**

   Assistant Professor -02
3. **DetailsofFaculty:**

   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.

4. Members/fellowshipofprofessional/academicbodies/editorialboard:

Dr. Bipin Kumar Jha:

i. USA: The Philosophy Study, 2019,Editor, David Publishing Company, USA, 2159-5313 (Life Member).
ii. Bihar: Jahnavi Sanskrit E-Journal, 2010, Editor and Publisher, Peer-Reviewed, 0976-8645 (Life Member).

5. Co-curricular/Extra-curricular/sportsActivitybythedepartment:

CulturalprogramsorganizedbystudentsonvariousoccasionslikeTeachersday, Welcome, Farewelletc.;Plantationdrives.

6. VisitorsofDepartmentfrominsidethecountry:

i. Prof. Vijaya Kumar Karn, Nalanda, Bihar. (Hybrid Mode)
ii. Dr. Amrita Kaur, Moocs Coordinator, Central Sanskrit University (HQ), New Delhi. (Hybrid Mode)
iii. Prof. Madhu Sudan Penna, Kavi Kul Guru Kalidasa Vizva Vidyalaya, Nagpur. (Hybrid Mode)
iv. Dr. Gita Shukla Lakhimapurkhiri, Uttar Pradesh. (Hybrid Mode)
v. Dr. Priti Shukla Central Sanskrit University, New Delhi. (Hybrid Mode)
vi. Dr. Sumana K. S., Chennai. (Hybrid Mode)
vii. Prof. Sukhabir Singh, Nalanda University. Bihar. (Hybrid Mode)

7. VisitorsofDepartmentfromoutsidethecountry:

Prof. Asanga Tilakratne, Emeritus Prof. Buddhist Studies University of Colombo, Sri Lanka (Hybrid Mode)

8. DetailsofBookwritten/editedbyfacultymembers:-

i. Bharatiyasaundaryashastramanovigyanam, New Delhi: Manyata ISBN 978-935377020-04 by Dr. Bipin Kumar Jha.
ii. Basics of Sanskrit Language, Grammar, Composition and Spoken Sanskrit: A Complete Kit For Beginners, (Germany: LAP LAMBERT, Academic Publishing) pages- 585 ISBN-978-620-3-92719-1 by Dr. Bipin Kumar Jha.
iii. *कश्मीरकीभक्तिपरम्परा* Accepted for Publication (Under Publication) by Jammu Kashmir Study Center, New Delhi. By Dr. Ramesh Chandra Nailwal.

9. Detailsofeditingjournalsandmagazines:-

i. Dr. Bipin Kumar Jha, Assistant Executive Editor, CSU Journal (24 Peer Reviewed and 14 UGC CARED Journals including Vimarsha) of Central Sanskrit University.
ii. Dr. Bipin Kumar Jha, Associate Editor, Diksha-Pustak-Yojana (A Textbook for Non-Formal Sanskrit Education).
iii. Dr. Bipin Kumar Jha, DDUC, DU, New Delhi, Guest Editor of The Third Eye DDUC, Delhi University, New Delhi
iv. Dr. Bipin Kumar Jha, Editor, 'The Philosophy Study', ISSN 2159-5313, David Publishing Company, USA.

10. DetailsofBookChapterineditedvolume/conferencevolume:

i. Chapter in book by Dr. Bipin Kumar Jha Lexicography in Mithila, Translatio and its scope
ii. in contemporary world edited by Dr. Kanta Galani, ISBN: 978-81-963940-0-4, Publisher Central Sanskrit University, Jaipur, 2023.
iii. Paperpublishedduringtheyearbythefacultymembers:
iv. *Tatsama* and Ccomposite Culture in India, Jahnavi Sanskrit E-Journal 0976-8645, 2023, 50-51 II, 41039, 197-203 *by Dr. Bipin Kumar Jha.*
v. *JainaparamparāMeṃCaturmāsyaKīMahattā*in Dharmayan, Patna: Mahavir Mandir Trust, Issue 104, 2022 *by Dr. Bipin Kumar Jha.*
vi. *Cittavṛttikepravāhakīsamīkṣā*inśuklayaśovilāsaḥ, Eastern Book Linkers, New Delhi, 2022 pp.266-271 *by Dr. Bipin Kumar Jha.*
vii. '*कश्मीरीशैवकवयित्रीलल्द्यद्एवंउनकावाख़साहित्य*' Published in Shodha Pragya UGC Care Research Journal of Uttarakhand Sanskrit University, Haridwar. By Dr. Ramesh Chandra Nailwal.
viii. *शिवस्तोत्रावलीमेंप्रतिपादितशिवाद्वयवादसिद्धान्त* Published in the 'Malini' Research Journal, A Publication of Kashmir Shaiva Institute Ishwar Ashram Trust.ISSN No. 0973-7944, January 2022-June 2022, Vol. XIV No. 33. By Dr. Ramesh Chandra Nailwal.

ix. *आचार्यअभिनवगुप्तकासाहित्यशास्त्रीयदर्शन*, Published in the *Shodha Vimarsha*, UGC Care Research Journal of Central Sanskrit University, New Delhi. By Dr. Ramesh Chandra Nailwal.

x. *काश्मीरेकाव्यशास्त्रीयटीकापरम्परा*This Research Paper is Accepted for Publishing in Shodha Prabha, UGC Care Research Journal of Lalbahadur Shastri Central Sanskrit University, New Delhi. By Dr. Ramesh Chandra Nailwal.

11. Attended/Participatedinconference/seminar/workshopinsidecountry:-

i. *AwadhanparichayaKaryshala*, New Delhi Organized by AICTE, CSU &Athava Foundation, 25/02/2023 by Dr. Bipin Kumar Jha.

ii. World Sanskrit Week Celebration Organize by Department of Sanskrit and Vedic Studies, BBAU, Lucknow Coordinator by Dr. Bipin Kumar Jha.

iii. OUTCOME- Participation- 01 Former Vice-Chancellor, 04 Deans, 97 Foreign and Indian Scholars &Students, 04 Competitions , Particiapation-119 All they are implementing the Sanskrit in their areas.

iv. Akhilabharatiya-Shastriya-Spardha-Organized by CSU, , As the member of Organizing Committee deputed by Central Sanskrit University Headquarter office to Vaidik-Vijyankendram, BHU, 20-26 Feb, 2023 by Dr. Bipin Kumar Jha.

v. Awadhan-Parichaya-Karyashala Organize by CSU collaboration with Atharva Foundation &IKS, India, As the member of Organizing Committee deputed by Central Sanskrit University Headquarter office, AICTE-Vasantkunj, New Delhi-25 Feb, 2023 by Dr. Bipin Kumar Jha.

vi. Akhilbharatiya Rupak Mahotsava, As the member of Organizing Committee deputed by Central Sanskrit University Headquarter office, Town Hall-Puri Odisha-1-5 Feb, 2023 by Dr. Bipin Kumar Jha.

vii. As the Convener organized One Week International Symposium on Contribution of Sanskrit to World's Various Communicative Languages, online during Sanskrit Week 09-7-2022 to 15-07-2022) by Dr. Bipin Kumar Jha.

viii. OUTCOME- Participation- Education Minister (HP, India), 03 Vice-Chancellors, 06 Foreign Scholars Indian Languages- 14, Foreign Languages-07, Particiapation-119, Audience 607. They are implementing the Sanskrit in their areas.

ix. गीताविज्ञानभाष्य-बुद्धियोगविमर्श. Organized by श्रीशंकरशिक्षायतन, नईदिल्ली By Dr. Ramesh Chandra Nailwal.

x. 'Uncovering The Roots: The Philosophy, History, Evolution and Continuity of Indian Dance Forms, Organized By JNU, New Delhi & ICPR Delhi By Dr. Ramesh Chandra Nailwal.

xi. ब्रह्मविज्ञान : विज्ञानविद्युत् विमर्श. Organized by श्रीशंकरशिक्षायतन, नईदिल्लीBy Dr. Ramesh Chandra Nailwal.

xii. भारतीय ज्ञान परम्परा एवं जम्मू कश्मीर व लद्दाख Organized by जम्मू कश्मीर अध्ययन केन्द्र, नयी दिल्ली एवं राष्ट्रीय मुक्त विद्यालयी शिक्षा संस्थान, नोएडा, उत्तर प्रदेश By Dr. Ramesh Chandra Nailwal.

xiii. Attended/Participatedinconference/seminar/workshopoutsidecountry:

xiv. International Conference on "Innovative Applications of Vedic Knowledge in Today's World" in WAVES-2022, 23-25 Dec-2022 by Dr. Bipin Kumar Jha.

12. Consultancywork,ifany:

PaidConsultancywithamountreceived

- Dr. Bipin Kumar Jha is a subject expert for TCS.

FreeConsultancywithdetailsofclient

- Dr.Bipin Kumar Jha is providing consultancy for UGC aspirants free of cost.

13. DetailsofMOOC/onlinecoursesdevelopedbythefaculty:

- Dr. Bipin Kumar Jha is preparing for MOOCs Title: Bhartiya Saundrya Sastra ka parichay, (under process).

14. Detailsofinvitedlectureinsidethecountry:-

i. Dr. Bipin Kumar Jha delivered the lecture as the Resource Person in a Lecture Series of HPCU Coaching Center, Organized by Department of Sanskrit, Himachal Pradesh Central University, Dharmashala, Title of the paper- SāhityikaDurūhaAnumanyaPakṣoṃ Ke Adhyavasāya Hetu SahajabodhagamyaPravidhiEvamPratiyogitā Paraka Dṛsti, on 02.10.2022.

ii. Dr. Bipin Kumar Jha delivered the lecture as the Resource Person in a One Week Long Workshop on Computer and Sanskrit Resources organized by Uttar Pradesh Sanskrit Sansthan, Lucknow, 14.7.2022 to 21.7.2022, Title of the paper- Online Teaching, Learning, and Research Platforms for Sanskrit, on 20.07.2022.

iii. Dr. Bipin Kumar Jha delivered the lecture as the Resource Person in a One Week Long Workshop on Computer and Sanskrit Resources organized by Uttar Pradesh Sanskrit Sansthan, Lucknow, 14.7.2022 to 21.7.2022, Title of the paper- Computer: Introduction and Utility to Sanskrit Learners, on 15.07.2022.

iv. Dr. Bipin Kumar Jha delivered the lecture as the Invited Speaker in the first National Conference on Artificial Intelligence and Allied Science in Sanskrit Literature, Title of the paper- Sanskrit Google Translation Tool, its Dimensions, and Concept of OTASIL, organized by Department of Sanskrit, Loyola College, Chennai under the Aegis of ICPR, India on 30th May, 2022.

v. Dr. Bipin Kumar Jha delivered the lecture as the Invited Speaker in the International Conference on "Universal Teachings of the Buddha", Title of the paper- Universal Teachings of Lord Buddha as Narrated in the Saddharma-Pundarika-Sutra, and its Literary Dimensions., organized by Department of Sanskrit, Marwari College, Lalit Narayan Mithila University, Darbhanga, Bihar, on May 11, 2022.

vi. Dr. Bipin Kumar Jha delivered the lecture as the Invited Speaker at AntārāṣṭrīyaSaṃskṛtaMaṃca, Title of the paper- SaṃskṛtādhyavasāyaKīAntārāṣṭrīyaPravṛtti: Daśā, DiśāEvaṃBhaviṣya, organized by Brajabhūṣaṇasaṃskṛtamahāvidyālaya, Khurakhura, Gaya on 8th May, 2022.

15. DetailsofNationalAward/fellowship:-

- Dr. Bipin Kumar Jha awarded Pandit Pratap Narayan Mishra Yuva Sahityakar Award 2023 by Bhavdevras Trust Lucknow.
- Dr. Bipin Kumar Jha was offered Post-Doctoral Fellowship, Indian Council of Social Science Research (ICSSR), *Students' Stress Managing Technique Demonstrated in the Texts of Kãlidãsa*. (Offered in 2022 under Sanskrit Socio category.)

Student'sachievements:AccomplishmentsofStudents:

NumberofstudentscompletedtheirMasters/graduation/Diploma	MA	06

Ph.DAwardedduringtheyear. : Ph.D. course introduced by 2023

16. Googleprofileofthefacultymembers:

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

University Institute of Engineering and Technology

The **University Institute of Engineering and Technology** (UIET) at Babasaheb Bhimrao Ambedkar University (A Central University) was established in the year 2013. The UIET has fivebranches; Electrical Engineering, Mechanical & Automobile Engineering, Computer Engineering, Civil Engineering, Electronic and Communication. The UIET organizes various programmessuchas special lectures, Seminars Workshops and Stage programs on various occasions. The UIET also organizes expert lectureso feminent personalities fromac ademics and indus tries time to time.TheUIET has also allotted some projects to the students which are currently ongoing. The UIET is aninnovativeandvibrantplaceoflearning,wherestudentspursuetheireducationalinterestsinordertoleadthenextgenerationintransformingthedisciplines,andtheirprofessionalgrowth.

The B.Tech.programapartfromcoveringthefundamentalcourses,imbibesalltraditionalaspects. Laboratory facilities include the Laboratories and measuring instruments, EMEC andNetworkLabandMatlabandp-spicesoftwarebasedprogramsetc.ThefutureplanoftheUIETistoimpart research work in the emerging areas of engineering and technology. The UIET also aspirestointroducepostgraduationlevelcoursesinthefuture.

S.No.	NameofDepartment	CourseOffered	Duration
1	DepartmentofCivilEngineering	B.Tech	**04Years**
2	DepartmentofComputerEngineering	B.Tech	**04Years**
3	DepartmentofElectricalEngineering	B.Tech	**04Years**
4	DepartmentofElectronics&Communication	B.Tech	**04Years**
5	DepartmentofMechanical&Automobile Engineering	**B.Tech**	**04Years**

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.

2. Courses offered :

B.Tech. Civil Engineering

3. Facilities available in the Department:

i. Smart Classroom,
ii. Lecture halls,
iii. Laboratory.

1. Details of faculty.

i. **Dr. Manvendra Singh Chauhan**

Associate Professor

Specialization Water Resource Engineering, River Hydraulics, Hydraulic Modelling

Qualification:M.Tech. (Hydraulics & Water Resource Engineering), Ph.D. (Hydraulics & Water Resource Engineering)

ii. Dr. Padam Jee Omar

Assistant Professor

Specialization: Groundwater Management, Remote Sensing & GIS, Image Processing, River Engineering, Water Resource Engineering

QualificationPh.D

iii. Dr. Arjun Prasad

Assistant Professor

Specialization: Structural Analysis, Strength of Materials, Design (Limit State) of Steel Structures, RCC Design, Irrigation, and hydrology.

Qualification:M.Tech. (Structural Engineering), Ph.D. (Optimal Design of Hydraulic Structures)

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

i. Department of Civil Engineering organised webinar on Steel Structure & Competitive Approach on 15th July 2022.
ii. Department of Civil Engineering organised a seminar along with the department of Environmental Science on Sustainable Development & Environment on 31.03.2023.

6. Other Departmental level Academic Activities (Academic activities that includes lecture series, guest lecturers etc, details about essay/quiz competition etc)

Department of Civil Engineering organised a special lecture on River Health Restoration on 08.08.2022.

8. **Details of co-curricular/Extra-curricular/sports Activities(celebration of the various important day, sports events, cultural programmes, plantation drive etc)**

Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewelletc; Plantation drives.

Department of Electrical Engineering

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.

2. Courses offered- Bachelor of Technology (Electrical Engineering)

3. Facilities available in the Department like Departmental Library, Moot court etc.-
2 Laboratories, 4 Lecture Halls, 2 Washrooms (Both male and female), 3 Water Coolers,

4. **Details of Faculty**:

i. Dr. Imran Khan
Specialization: Power system
Qualification: Ph.D
Teaching & Research experience: 29 years
E-Mail:Pe.imran@gmail.com

ii. Mr. Pramesh Kumar
Specialization: Hydro Power
Qualification: M.Tech
Teaching & Research experience: 15 years
E-Mail:Pramesh0000@gmail.com

iii. Mr. Anwar Ahmad
Specialization: Power System
Qualification: M.Tech
Teaching & Research experience: 13 years
E-Mail:Anwara931@gmail.com

iv. Mr. Vinamra Kumar Govil
Specialization: Electrical Engineering
Qualification: M.Tech
Teaching & Research experience: 8 years
E-Mail:Vinamragovil1985@gmail.com

v. Mr. Satyendra Vishwakarma
Specialization: Electrical Power & Energy Systems
Qualification: M.Tech
Teaching & Research experience: 5 years
E-Mail:Satyendrav89@gmail.com

4(f) Mr. Arun Kumar Singh
Specialization: Power system
Qualification: M.Tech
Teaching & Research experience: 4 years
E-Mail:Arunkumarsingh023@gmail.com

5. Details of Book Chapter in edited volume/conference volume-

- Kumar, N., Prasad, B., Sharma, K., Mehrotra, R., Govil, V.K. (2022). An Optimal Control Scheme for Thermal-Hydro System with Distributive Energy Sources. In: Rao, V.V., Kumaraswamy, A., Kalra, S., Saxena, A. (eds) Computational and Experimental Methods in Mechanical Engineering. Smart Innovation, Systems and Technologies, vol 239. Springer, Singapore. https://doi.org/10.1007/978-981-16-2857-3_24(scopus)

15. Paper Published during the year by the faculty members (during 01.04.2022-31.03.2023)-

- AvinashKumar,SatyendraVishwakarma,N.Kannan,andRiturajJain"OptimizationofGrid-ConnectedPhotovoltaic Power Generation Technology Based on Nonlinear Back-Stepping Controller" Hindawi Mathematical Problems inEngineering,April-2022.(Wos)
- Kedri Janardhana, A. Sivakumar, R. Suresh, C. Ramesh, A. Syed Musthafa, Satyendra Vishwakarma, AnalyzingthermalperformanceofasolarPVusingananofluid,MaterialsToday:Proceedings,2022,ISSN2214-7853,(Scopus)

6. Participated/Paper presented in conferences/seminar/workshop inside country-
   - S. Balasubramaniyan, R. Vidyalakshmi, T. A. Srinivas, K. Sekar, A. Sarojwal and S. Vishwakarma, "Advanced Controller for Single Axis Solar Tracking System," *2022 6th International Conference on Electronics, Communication and Aerospace Technology*, Coimbatore, India, 2022, pp. 49-54, doi: 10.1109/ICECA55336.2022.10009224.
   - Y. Mariappan, M. P. K, S. G. A, S. K, P. K. Inaniya and S. Vishwakarma, "Innovative Machine Learning method for the creation of Power-Maximizing Solar Trackers," *2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)*, Chennai, India, 2023, pp. 1-7, doi: 10.1109/ICECONF57129.2023.10083806.
   - V. K. Govil, K. Sahay and S. M. Tripathi, "A Survey on DSTATCOM Control and Power Quality Improvement Techniques," *2022 1st International Conference on Sustainable Technology for Power and Energy Systems (STPES)*, SRINAGAR, India, 2022, pp. 1-6, doi: 10.1109/STPES54845.2022.10006454.(scopus)
   - N. Kumar, S. M. Tripathi and V. K. Govil, "Virtual HIL Simulation of Grid-tied PV Inverter with Hysteresis Current Controller," *2023 International Conference on Power, Instrumentation, Energy and Control (PIECON)*, Aligarh, India, 2023, pp. 1-5, doi:10.1109/PIECON56912.2023.10085771.(scopus)

7. Details of Patents filed/awarded -
   - *"Methodology for Enhancing the Storage of Gravitational Energy toManage Renewable Energy Resources"*. The allotted applicationnumber:202111052401
   - Number of student pursuing higher studies - 01

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 Resource Persons to deliver lectures.

2. Courses offered-

B.Tech. (Mechanical Engineering)

3. Facilities available in the Department:-

i. Departmental Library, Moot court etc.-
   1. Laboratories,
   2. Lecture Halls,

ii. 2 Washrooms (Both male and female),
   1. Water Coolers.

1. Details of Faculty (Resource Person):

a) **Mr. Shailendra Singh**
Qualification :- M.Tech.
Email & contact Details :- dugguapril15@gmail.com, 9450019553
Teaching & Research experience:- 06 Years

b) Mr. Himanshu Gaur
Qualification :- M.Tech.
Email & contact Details :- gaur.himanshu5@gmail.com, 6398146603
Teaching & Research experience:- 03 Years

c) Dr. Sushil Kumar Chaudhary
Qualification: -M.Tech., Ph.D.
Email & contact Details :- sushilphd83@gmail.com, 8081879262
Teaching & Research experience:- 05 Years

d) Mr. Rajesh Kumar Sharma
Qualification: -M.Tech.
Email & contact Details :- Rajesh.s.sharma9@gmail.com, 9554756979
Teaching & Research experience:- 05 Years

e) Mr. Gaurav Bafila
Qualification: -M.Tech.
Email & contact Details: -Gaurav.25bafila@gmail.com, 7895589225
Teaching & Research experience:- 05 Years

f) Mr. Piyush Gupta
Qualification :- M.Tech., Ph.D.
Email & contact Details :- piyushgi33@gmail.com, 7880611136
Teaching & Research experience:- 05 Years

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:
B.Tech Electronics & Communication Engineering

3. Facilities available in the Department:
1 Lab, 1 Classroom, 2 Washrooms (Both male and female) and 3 Water Coolers.

4. Details of faculty:

I. Head of Department
Prof. B. C. Yadav
Department of Physics
Babasaheb Bhimrao Ambedkar University
Lucknow-226025 U.P. India

II. Coordinator of Department
Dr. Pawan Kumar Chaurasia
Department of Information Technology
Babasaheb Bhimrao Ambedkar University
Lucknow-226025 U.P. India

Faculty Details- Resource Person (RP)

Name of RP (Faculty of ECE Engineering)	Qualification	Specialization	Teaching Experience	Mail ID
Dr. Gyan Prabhakar	Ph.D.	Micro Electronics/(VLSI) Design	9.5 years	gyanprabhakar@gmail.com
Mrs. Ekta Singh	M.Tech.	Optoelectronics	6.5 years	ekta0991.singh@gmail.com
Mr. Sandeep Saraswat	M.Tech.	Electronics Design and Technology	8 years	sandeepsaraswat55@gmail.com
Mr. Aishwarya Chandel	M.Tech.	Instrumentation Engineering,	2.6 years	aishwaryasingh1106@gmail.com
Ms. Manu Gautam	M.Tech.	Communication Engineering	02 years	manugautam19998@gmail.com

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.

School of performing Arts

Department of Music

Coordinator-Prof. Harishankar Singh

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.

BBAU SATELLITE CENTRE

Tikarmafi Amethi

❖ **Brief description**

BBAU Satellite Centre 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.

Department Information Technology

The Department of Information Technology was established in the year 2020 after restructuring of the Department of Computer Science & Information Technology under BBAU Satellite Centre, Amethi. The Department of Computer Science & Information Technology was established in the year 2016 under BBAU Satellite Centre, Amethi. The Department offers undergraduate course is B.Sc. (Information Technology) The department has well established and provides better facilities.

Bachelor of Science, (B.Sc.-IT) is a Bachelor's degree awarded for an undergraduate course or program in the Information technology field of duration three years (6 semesters). The aim of B.Sc. (IT) degree is to provide basic inputs in various aspects of IT and broad understanding of other interdisciplinary interfaces for providing the needs of effective business management by bridging the gaps between managerial practices and Information Technology. This degree is primarily focused on subjects such as software engineering, databases, and networking.

After B.Sc.-IT the students are capable to work for MNCs or can do master course like MSc-IT, MSc-CS or MCA or other PG degree program in IT or CS stream. It is a degree that prepares students for a career in the field of software design and development, IT Systems & applications.

We are promoting the students to gain the knowledge from fundamentals to recent trends and technologies of IT. The students of final year are encouraged to work on live projects in collaboration with industries or IT firms. In addition to the academic development, proper attention is also given towards the personal development of students in co-curricular activities

2. Course Offered

B.Sc. IT

3. Facilities available

- **Computer Lab**

Information TechnologyDepartment – is at the heart of computing and related to every interdisciplinary activity in the Campus. It plays a vital role in providing state of the art facilities to the students in the field of Information Technology. It is also a place where students can obtain an outstanding education in computer science through a variety of graduate program.The students have the facility to be assigned individual computers and access internet and other applications. The students have all the authority to access internet in their leisure time under the surveillance of the computer lab assistants to explore and learn more about their curriculum or anything that is informative.

This helps students learn and gain more knowledge apart from books and lectures of the teachers. This creates passion among them for grabbing knowledge by themselves which in turn makes them satisfied and more confident.

❖ **Detail of Academic Activities**

Program/Events Organized by the Department of IT (Satellite Centre):

S. No.	Event/Program	Date of Event	Organizer(s)/Coordinator(s)	In Association with	No. of Participants
1.	Seminar on National Technology Day at SRMU Lucknow (Online Mode)	21.02.2021	Prof Krishna Srivastava Prof Abhishek Saxena Dr Neeraj Kumar Tiwari Dr Rohit Prakash Dr Saurabh Shukla	Vibha & SRMU	100
2.	A one day Workshop on Development of an Android Stop Watch	11.09.2021	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	TekNavigators Staffing Pvt. Limited, Lucknow, India	57
3.	A one day Workshop on Exploring Tools of Distributed Denial of Services Attacks	18.09.2021	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	Makryto Innovation Pvt. Limited, Amravati, Maharashtra	84
4.	A one day Workshop on Quaranteam Hack	04.10.2021	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	Code Academy	53
5.	Online Coding Event on Code Strife	28.10.2021	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	Code Chef	421
6.	Online Coding Event on Let's Code	18.11.2021	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	Coding Ninja	67
7.	Invited Lecture on Bharat Ki Gaurav Gatha (online)	24.04.2022	Dr Neeraj Kumar Tiwari Dr Arvind Mathur	Vibha	100
8.	Seminar on National Technology Day	11.05.2022	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia Dr Harsh Sharma	Vibha	70
9.	Chess tournament organized at BBAU Satellite centre Amethi	17.05.2022 to 19.05.2022	Dr Shankar K Lal Dr Neeraj Kumar Tiwari	Vibha	14
9.	Hackathon on Code@BBAU1.0	04.07.2022	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	Vibha & DST Innovation club	91
10.	Engineers Day celebration	15.09.2022	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia	DIT and DCS	204
11.	Workshop on fixing and assorting of Computer Hardwares	28.09.2022	Dr Neeraj Kr Tiwari, Dr Aditya Khamparia	DIT and DCS	83

12.	Symposium on Gaurav Shali Bharat	11.10.2022	Dr Neeraj Kumar Tiwari Dr Aditya Khamparia Dr Shankar K Lal	Vibha	102
13.	Young Scientist Conference during the 8th India International Science Festival - 2022	21.01.2023 to 24.01.2023	Dr Jajati Nayak Dr Sumit Mishra Dr Neeraj Kumar Tiwari	The Ministry of Science & Tech, MoES, DoS, DoAE, GoI and MP Govt in association with Vibha	270

❖ **Detail of Faculty**

1. Dr. Neeraj Kumar Tiwari
Assistant Professor,
Department of IT, BBAU Satellite Centre, Amethi

2. Dr. Sandeep Kumar Nayak
Associate Professor,
Department of IT, BBAU Satellite Centre, Amethi

❖ **Details of Faculty achievements-**

Awards/ Nominations received by Faculty members

1. Dr. Neeraj Kumar Tiwari nominated as Jury Member for the 8th India International Science Festival 2022 organized by Ministry of Science & Technology, Ministry of Earth Sciences, Department of Space, Department of Atomic Energy, Government of India and Government of Madhya Pradesh in association with Vijnana Bharati (VIBHA) (21-24 January 2023).
2. Dr. Neeraj Kumar Tiwari actively contributed as Organizer for the 8th India International Science Festival - 2022 organized by Ministry of Science & Technology, Ministry of Earth Sciences, Department of Space, Department of Atomic Energy, Government of India and Government of Madhya Pradesh in association with Vijnana Bharati (VIBHA) (21-24 January 2023).
3. Dr. Neeraj Kumar Tiwari awarded "Outstanding Scientist Award – 2022"in the International Scientist Awards on Engineering, Science and Medicine held on 31 Oct 2022 online, India organized by VDGOOD Professional Association. (31 October 2022).
4. Dr. Neeraj Kumar Tiwari selected for International Travel Grant by the SERB-DST Govt. of India to attend the 67th Annual meeting of Health Physics Society to be held during 17-21 July 2022 at Spoken, WA, USA.
5. Dr. Neeraj Kumar Tiwari awarded "Shaane-a- UP Samman-2022" by Jansharanam at UP Mahotsav Lucknow. (9 January 2022).
6. A patent granted to Dr Neeraj Kumar Tiwari et al., on the invention "An effective Method for Detecting and Preventing Malicious Node for Collaborative Gray hole threats in Mobile Ad-hoc network, Patent no. 2021/10308, granted by the Republic of South Africa.

❖ **Details of Students achievements-**

Please refer enclosed Annexure.

❖ **Any Other Information-**

Govt. Funded Project Sanctioned: A Major research project funded by Uttar Pradesh Council of Science and Technology UPCST as a Co-PI
Title of Project: A pilot project to improve potato productivity in village Aher, Kannauj using an IoT based Deep Learning Framework (ID 1494).
Sanctioned Grant-10.44 lakhs,
Year of Sanction-2022,
Duration of Project: 3 Years

PATENT Granted-

International:

An Effective method for detecting and preventing node for Collaborative Gray hole Threats in Mobile Ad-hoc networks. (Patent No. 2021/10308)
Year of Award- 2022
Country: Republic of South Africa.

OFFICE OF THE PROCTOR

1. Introduction

Babasaheb Bhimrao Ambedkar University (A Central University) established the **office of Proctor** under the **provision of university act 1994**, **No. 53 of 1994**, which came into force from **10.01.1996** and was notified **February 1997**. The Proctor is a statutory officer of the University and head of the Proctorial board. The primary objectives of the Proctorial board are enforcing discipline and controlling the law and orders of the student community. The Proctor office comprises the Proctorial board, Anti-ragging committee, Anti-ragging squad and Anti-ragging cell as the primary committee to control discipline. Thus, the office of Proctor constituted three-tier organizations, i.e. Proctorial board, the second tier of Professor In-charge (Security) and 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. Therefore, the office of Proctor has to ensure discipline for maintaining law and order and total security to both campuses of the University.

2. Committees and Sub-Committees Constitute by Board:

Proctorial Board has three other active committees. The detail of committee is as below:

PROCTORIAL BOARD

	Name of Member	Designation	Contact No./Email id
	Prof. B. B. Malik	Proctor	9415688058, bbmalik57@gmail.com
	Prof. Kaman Singh	Member	9415409189, singh.kaman@bbau.ac.in
		Member	9453019255, sanjay123bhu@gmail.com
	Prof. S. K. Dwivedi	Member	9452757447, skd200@yahoo.com
	Prof. Surinder Kumar	Member	9410334706, surinderntls@gmail.com
	Prof. Shilpi Verma	Member	9450110690, shipoo.lko@gmail.com
	Prof. Sikha	Member	9454452657, dr_sikha2003@yahoo.co.in
	Prof. Sanjeev Kr. Chadha	Member	9456789777, sk_chadha123@gmail.com
	Dr. M.L. Meena	Member	9651893336, maheriari@rediffmail.com
	Dr. Anis Ahmad	Member	9453287957, anisbbau@gmail.com
	Dr. Jay Shankar Singh	Member	9335666104, jayshankar_1@yahoo.co.in
	Dr. Ramesh Chandra	Member	9956509449, ramesh.luphy@gmail.com
	Dr. Taruna	Member	9415765841, drtaruna@gmail.com
	Dr. Preeti Gupta	Member	9956720055, preetig07@gmail.com
	Dr. Manoj Kumar	Member	9758558385, mkjnuiitr@gmail.com

	Dr. Preety Choudhari	Member	7607680694, preetychoudhari2009@gmail.com
	Dr. Khem Bahadur Thapa	Member	9450871807, khem.bhu@gmail.com
	Dr. Kunwar Surendra Bahadur	Member	8700443248, ksbuprtou@gmail.com
	Concern, HOD/ Director/ Coordinator	Special Invitee	
	DSW	Special Invitee	9453641182, dr.bsbhadauria@rediffmail.com
	PIC- Security	Special Invitee	8765583117, pandeygajanan@rediffmail.com
	Dr. Ravi Shankar Verma	Member & Convener	9453966994, ravihort_01@rediffmail.com

Anti-Ragging Committee

S. No.	Name of Member	Designation	Contact No./Email id
1.	Prof. Sudarshan Verma	Chairman	9415470836, vermaslaw@yahoo.in
2.	Prof. Govind Ji Pandey	Member	9580803904, govindbbau@gmail.com
3.	Prof. Preeti Misra	Member	9415088971, misra9us@gmail.com
4.	Prof. B.C. Yadav	Member	9450094590, balchandra_yadav@rediffmail.com
5.	Prof. Shilpi Verma	Member	9450110690, shipoo.lko@gmail.com
6.	Dr. P.S. Rajinikanth	Member	8939311260, psrajanikanth222@gmail.com
7.	Dr. Arvind Kumar Singh	Member	9628291991, aksinghmjmc@gmail.com
8.	Dr. Hari Shankar Singh	Member	9405127744, hssingh214@gmail.com
9.	Dr. Preeti Gupta	Member	9956720055, preetig07@gmail.com
10.	Dr. Narendra Kumar	Member	9918527968, narendrakumar_lko@yahoo.co.in
11.	Dr. Anjani Kumar Tiwari	Member	7503381343, anjanik2003@gmail.com
12.	Dr. Anis Ahmad	Member	9453287957, anisbbau@gmail.com
13.	Dr. Lata Bajpai Singh	Member	9899666257, drlatabajpai@gmail.com
14.	Dr. Preety Choudhari	Member	7607680694, preetychoudhari2009@gmail.com
15.	Dr. Ravi Shankar Verma	Member & Convener	9453966994, ravihort_01@rediffmail.com, ravihort.009@gmail.com

Anti-Ragging Squad

S. No.	Name of Member	Designation	Contact No./Email id
1.	Prof. Gajanan Pandey	Chairman	8765583117,pandeygajanan@rediffmail.com
2.	Prof. Sanjay Kumar Dwivedi	Member	9452757447 skd200@yahoo.com
3.	Prof. Devesh Kumar	Member	8005011014 dkclcre@yahoo.com
4.	Prof. M.P. Singh	Member	9415951864 mpsinghdlis@gmail.com

5.	Dr. M.L. Meena	Member	9651893336 maheriari@rediffmail.com
6.	Dr. Dhirendra Pandey	Member	9453170609 prof.dhiren@gmail.com
7.	Dr. Taruna	Member	9415765841 drtaruna@gmail.com
8.	Dr. Ravi Shankar Verma	Member	9453966994 ravihort_01@gmail.com ravihort.009@gmail.com
9.	Dr. R.N. Bharagava	Member	9918919369 bhargavarnbbau11@gmail.com
10.	Dr. Shailesh Kumar	Member	8005375720 drskum10@gmail.com
11.	Dr. Manoj Kr. Dhandwal	Member	7080879999 dhadwal2005@gmail.com
12.	Dr. Lata Bajpai Singh	Member	9899666257 drlatabajpai@gmail.com
13.	Dr. Manjari Raj Oraon	Member	9899981878 manjariraj2011@gmail.com
14.	Dr. Preeti Gupta	Member	9956720055 preetig07@gmail.com
15.	Security Officer/Incharge	Member	9628842565 bssaini1979@gmail.com

Anti-Ragging Cell

S. No.	Name of Member	Designation	Contact No./Email id
1.	Prof. Kaman Singh	Chairman	9415409189 drkamansingh@yahoo.com
2.	Prof. B.N. Dubey	Member	9198633366 dubeybbau@gmail.com
3.	Prof. Preeti Misra	Member	9415088971 misra9us@gmail.com
4.	Prof. Sanjay Kumar	Member	9453019255 sanjay123bhu@gmail.com
5.	Prof. Gopal Singh	Member	9412401693 drgsmasscom@gmail.com
6.	Prof. Sanatan Nayak	Member	9956042761 sanatan5@yahoo.com
7.	Prof. Surinder Kumar	Member	9410334706 surinderntls@gmail.com
8.	Prof. Shilpi Verma	Member	9450110690 shipoo.lko@gmail.com
9.	Dr. G. Sunil Babu	Member	9455036926 sunil_gos@yahoo.co.in
10.	Dr. Ramesh Chaturvedi	Member	9336703154 drrameshchaturvedi1@gmail.com
11.	Dr. Anjani Kumar Tiwari	Member	7503381343 anjanik2003@gmail.com
12.	Dr. Digvijay Verma	Member	9999609415 digvijay.udsc@gmail.com
13.	Dr. Sangita Chauhan	Member	9935266721 sangita.27@rediffmail.com
14.	Dr. Jyoti Pandey	Member	8004347520 reenucdri@gmail.com

15.	Dr. Raj Shree	Member	8562988463 Rajshree.bbau2009@gmail.com
16.	Dr. M.L. Meena	Member	9651893336 maheriari@rediffmail.com
17.	Dr. Kunwar Surendra Bahadur	Member	8700443248 ksbuprtou@gmail.com
18.	Dr. Lata Bajpai Singh	Member	9899666257 drlatabajpai@gmail.com
19.	Dr. Ravi Shankar Verma	Member & Convener	9453966994 ravihort_01@gmail.com

(I) Proctorial Board has Seven Sub-Committee:-

(II) Sub-Committee for Anti Ragging Committee, Anti-Ragging Squad and Anti-Ragging Cell has seven for 24X7:

(III) Three Sub-Committee has constituted for Girls & Boys Hostel:-

3. Profile of the Proctor

Name	**:**	**Prof. Sanjay Kumar**
Designation	**:**	Proctor
Qualification	**:**	M.Sc. (Ag.), NET and Ph.D. (Horticulture)
Teaching & Research Experience	**:**	24 Years
Research Interest	**:**	Vegetable Science in Horticulture under Agricultural Sciences. **Area of work and field of interest in Horticulture-** All branches of Horticulture (Olericulture, Pomology, Floriculture & Landscaping including Medicinal & Aromatic Plants, spices and condiments) especially Olericulture.
Ph.D. Students guided	**:**	**11**
Contact	**:**	+91-9453019255

CIIPP

1. Description of the centre - The CIIPP (https://www.bbau.ac.in/Centre-CIIPP.aspx) was established during the session 2013-14 for motivating the researchers in Babasaheb Bhimrao Ambedkar University (BBAU) to develop research and innovations suitable to the requirements of the contemporary industries. It helps them to establish a link between the university and the industries. The Vice Chancellor BBAU is the chairman and the coordinator CIIPP is member secretary of a distinct advisory committee consisting of the visionary people from the different fields including industry and academia. An executive committee of CIIPP is also nominated to formulate the plans and achieve the goals. The CIIPP has motivated the students and faculty to apply for patents on their applied work, to opt for consultancies, if offered, and to identify the Industrial collaborations in the form of collaborative efforts.

2. Highlights of the Departments –

A. Industrial collaboration of faculty and students.
B. Patents
C. Consultancies

S.No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1.	Development of technology for fast conversion of avocado waste into organic fertilizer.	Ruby International Traders C-105, Basement, Sector- 65, Noida - 201301 (U.P.) India Telephone - +91-120-4511217	Professor Rana Pratap Singh	2022	1 Year	Consultancies project and Industrial Collaborations

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)

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 overall well being of women faculty and employees of the University.

The committee is as follows:

1.	**Prof. Shilpi Verma (DLIS)**	**Chairperson**
2.	**Dr. Sufia Ahmad (DL)**	**Member**
3.	**Dr. Taruna (DRM)**	**Member**
4.	**Dr. Preeti Gupta (DC)**	**Member**
5.	**Dr. K. Sharmila (HDFS)**	**Member**
6.	**Dr. Sapna Kushwaha (DPh)**	**Member**
7.	**Dr. Manjari Raj Oraon (DPS)**	**Member**
8.	**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:-

1.	**Prof. Shilpi Verma (DLIS)**	**Chairperson**
2.	**Prof. Jaya Srivastava (DS)**	**Member**
3.	**Prof. U.V. Kiran (HDFS)**	**Member**
4.	**Dr. Sandhya (DZ)**	**Member**
5.	**Dr. Namita Jaisal (DH)**	**Member**
6.	**Dr. Subhash Mishra (DE)**	**Member**
7.	**Dr. Vinit Kumar (DLIS)**	**Member**
8.	**Dr. Rachana Gangwar (DMCJ)**	**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)
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 2022-2023

1. Kargil Diwas 2022 Dt: 26th July 2022
2. 75th Days Covid Vaccination under Azadi Ka Amrit Mahotsav Dt: 29th July 2022
3. Nasha Mukt Bharat Abhiyan 2022 Dt: 04th Aug. 2022
4. Motivational Lecture: "Hausalon Ki Udaan" by Bachhendri Pal Dt: 06th Aug. 2022
5. Flag Distribution at all adopted village under Har Ghar Tiranga Abhiyan Dt: 09th Aug. 2022
6. Flag Distribution to all Residence in BBAU under Har Ghar Tiranga Abhiyan Dt: 11th Aug. 2022
7. Tableau on Independence Day 2022 Dt: 15th Aug. 2022
8. Swachhta Diwas Programme Dt: 02th Oct. 2022

9. Run for Unity Dt: 31st Oct. 2022
10. Birsa Munda Jayanti Dt: 15th Nov. 2022
11. Veer Baal Diwas Dt: 26th Dec. 2022
12. National Seminar on Inclusiveness of the Differently Abled Women Dt: 30th-31st Dec. 2022
13. Birth Anniversary of Savitri Bai Phule Dt: 03rd Jan. 2023
14. Pariksha Pe Charcha Dt: 27th Jan. 2023
15. National Seminar on Rehabilitation of People with disabilities Dt: 24th – 25th March 2023

Azadi Ka Amrit Mahotsav

Azadi Ka Amrit Mahotsav Committee of University is continuously 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 directed by the Government of India to commemorate the 75th Anniversary of India's Independence. The Prime Minister asserted that Azadi Amrit Mahotsav means elixir of energy of independence. This committee has so far conducted around 100 programmes under this celebration.

The committee is as follows:

Prof. Shilpi Verma	**Chairperson**
Dr. Narendra Kumar	**Member**
Dr. Baljeet Shrivastava	**Member**
Dr. Somipam R. Shimray	**Member**
Dr. Amit Kumar Singh	**Member**
Dr. Rajshree	**Member / Convener**

The University has also made Action Plan for year 2022-23 under Azadi Ka Amrit Kaal. The university also started first programme under this Azadi Ka Amrit Mahotsav on 12th March 2021, as nation started these series of events. It helps bring alive stories of unsung heroes sacrifices have made freedom a reality for us and also revisits the milestones, freedom movements etc. in the historical journey to 15th Aug 1947. Programme under this theme include Birsa Munda Jyanti (Jan Jatiya Gaurav Diwas), Neta Subhash Jyanti, Saheed Diwas, Veer Baal Diwas etc.

(Prof. Shilpi Verma)
Chairperson
Azadi Ka Amrit Mahotsav Committee
Mob 8004000567
Email: shipoo.lko@gmail.com

Event/Webinar/Competition/Activities conducted in 2022-2023

1. Kargil Diwas 2022 Dt: 26th July 2022
2. 75th Days Covid Vaccination under Azadi Ka Amrit Mahotsav Dt: 29th July 2022
3. Nasha Mukt Bharat Abhiyan 2022 Dt: 04th Aug. 2022
4. Tiranga distribution to Mountaineer above 50 person Dt: 05th Aug. 2022
5. Motivational Lecture: "Hausalon Ki Udaan" by Bachhendri Pal Dt: 06th Aug. 2022
6. Flag Distribution at all adopted village under Har Ghar Tiranga Abhiyan Dt: 09th Aug. 2022
7. Poster Competition: Azadi Ka Amrit Mahotsav Dt: 10th Aug.2022
8. Drawing Competition Dt: 10th Aug.2022
9. Har Ghar Tiranga: Prabhat Feri Dt: 11th Aug. 2022
10. Flag Distribution to all Residence in BBAU under Har Ghar Tiranga Abhiyan Dt: 11th Aug. 2022
11. Plantation Programme Dt: 12th Aug. 2022
12. Singing Competition: Har Ghar Tiranga Dt: 12th Aug. 2022
13. Exhibition on Partition Horrors Remembrance Day Dt: 14th Aug. 2022
14. Celebration of Independence Day Dt: 15th Aug. 2022
15. Tableau on Independence Day 2022 Dt: 15th Aug. 2022
16. Shikshak Parv 2022 Dt: 05th Sep. 2022
17. Swachhta Diwas Programme Dt: 02th Oct. 2022
18. Run for Unity Dt: 31st Oct. 2022
19. Birsa Munda Jayanti Dt: 15th Nov. 2022
20. G20 Extempore Competition Dt: 23rd Nov. 2022
21. G-20 Presidency by BBAU Dt: 01st Dec. 2022
22. Veer Baal Diwas Dt: 26th Dec. 2022
23. G-20 Poster Competition Dt: 22nd Dec. 2022
24. National Seminar on Inclusiveness of the Differently Abled Women Dt: 30th-31st Dec. 2022
25. Birth Anniversary of Savitri Bai Phule Dt: 03rd Jan. 2023

26. Pariksha Pe Charcha Dt: 27th Jan. 2023
27. G20 Essay Competition Dt: 23rd Feb. 2023
28. G20 Debating Competition Dt: 23rd Feb. 2023
29. G20 University Connect Lecture Series Dt: 24th Feb. 2023
30. National Seminar on Rehabilitation of People with disabilities Dt: 24th – 25th March 2023

Alumni Cell

1.	**Prof. D.R. Modi**	**:**	**Chairman**
2.	**Prof. Shilpi Verma, President, BBAU Alumni Association**	**:**	**Member**
3.	**Prof. Narendra Kumar, Secretary, BBAU Alumni Association Member/convener**	**:**	
4.	**Prof. P.S. Rajnikanth**	**:**	**Member**
5.	**Dr. A.K. Singh**	**:**	**Member**

Introduction

As per UGC letter No. D.O.No. 152-8/2020 (IC) dated 13th January, 2021. B.B.A.U. Alumni Cell has been created with following Major objectives: -

- ✓ To establish an Alumni Cell and maintain a database of the Alumni living abroad (both Indian and foreign).
- ✓ To share information with the Alumni regarding the latest initiatives of the institution
- ✓ To invite them for participation in conferences/webinars
- ✓ To organize networking get-togethers (at least through video conferencing)
- ✓ To honour distinguished Alumni for supporting in brand building exercise as well as overall development of the institution
- ✓ System generated emails/SMS may be sent on various occasions

Departmental Alumni Meet

Virtual Alumni Meet at Departmental level 2022-23

Departments organized online Alumni Meet for the year 2022-23 through online platform such as Cisco Webex, Google meet, Zoom etc. The following departments organized Departmental Alumni Meet in the month of April, 2022 and March, 2023.

S. No.	Name of the Department	Date of Departmental Alumni Meet	Link of Alumni Meet
1.	Hindi	12th April, 2022	meet.google.com/ujv-yuim-zrj
2.	Horticulture	11th April, 2022	Meet.google.com/qde-anof-gqe
3.	Human Rights	9th April, 2022	Alumni Meet on Social Media https://www.facebook.com/110635350317418/posts/749 237529790527/ Alumni Meet on YouTube https://youtu.be/wunfm2jahoQ
4.	Public Administration	9th April, 2022	
5.	Environmental Microbiology	9th April, 2022	Google form: https://forms.gle/2CA3qdx4zh54acYC6 Meeting Link: meet.google.com/fbf-umuj-rut
6.	Mass Communication & Journalism	4th April, 2022	Google meet link – meet.google.com/rws-spcj-qdw
7.	Hindi	24th April, 2023	offline mode

List of Distinguish Alumni
Distinguished Alumni Awards-2022
List of Alumni

S.no.	Name	Membership	Name of Department
1.	Tarun Chaturvedi	Life Member	DLIS
2.	Dr. Apurva Rai	Life Member	SES
3.	Dr. Vinay Sahu	Life Member	SES
4.	Dr. Shreesh Kumar Gautam	Life Member	Department of Horticulture
5.	Dr. Sneha Anand	Life Member	Department of Pharmaceutical Sciences
6.	Dr. Umesh Prasad	Life Member	DLIS
7.	Neha Lata	Life Member	DLIS
8.	Md Meraj Anjum	Life Member	Department of Pharmaceutical Sciences
9.	Dr. Sufiya Ahmed	Life Member	Department of Law
10	Manish Chandra Bhatt	Life Member	UIET
11.	Surendra Kumar Pal	Life Member	DLIS
12.	Rajesh Kumar Paswan	Life Member	DLIS
13.	Amit Kumar Verma	Life Member	DLIS

Miscellaneous Activities

National & religious festival, Birthday and Marriage anniversary wishes

On behalf of the Alumni Cell, all the alumni have been greeted through e-mail on the occasion of religious and national festivals. Further, Alumni are being greeted through e-mail on the occasion of birthdays and marriage anniversaries.

Alumni Meet-2022

BBAU Alumni Association is working in collaboration with B.B.A.U. Alumni cell. The Alumni of the university are contacted to become registered member of the association and help in brand building of university and strengthening the Alumni Association. The meetings of office Bearers were conducted to get connected with alumni and on the basis of suggestions received from members the BBAU Alumni Association is striving hand to make more number of registered members in upcoming year.

Babasaheb Bhimrao Ambedkar University
Alumni Association
&
Alumni Cell

Alumni Meet- 28th August, *2022*

एलुमनाई मीट-2022 रिपोर्ट

बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय (बीबीएयू), लखनऊ में एलुमनाई मीट-2022 का आयोजन दिनाँक-28 अगस्त 2022 को पर्यावरण विज्ञान विद्यापीठ (SEES) के सभागार में हुआ। इस कार्यक्रम में लगभग 200 पूर्व छात्र शामिल हुए। इस अवसर पर विवि में साईकल बैंक का भी शुभारंभ किया गया। कार्यक्रम प्रातः 11:30 से शुरू हुआ। मुख्य अतिथि श्री मुकेश मेश्राम, प्रिंसिपल सेक्रेटरी, टूरिज्म एंड कल्चर, विशिष्ट अतिथि श्री कुंवर शशांक, मेंटर फ़ॉर अम्बेडकर सोशल इन्नोवेशन एंड इन्क्यूबेशन मिशन, भारत सरकार और कार्यक्रम के संरक्षक, विवि के कुलपति आचार्य संजय सिंह द्वारा द्वीप प्रज्ज्वलन एवं कुलगीत के साथ कार्यक्रम की शुरुआत हुई।

एलुमनाई एसोसिएशन की प्रेसिडेंट प्रो0 शिल्पी वर्मा ने स्वागत वक्तव्य दिया। एलुमनाई सेल के चेयरमैन प्रो0 डी0 आर0 मोदी ने एलुमनाई सेल की रिपोर्ट प्रस्तुत की । उन्होंने सेल के कार्यों और उद्देश्यों के बारे में बताया। साथ ही उन्होंने एलुमनाई एसोसिएशन और एलुमनाई सेल के संयुक्त प्रयास से तैयार पूर्व छात्रों के आंकड़ों और उनके लिए किए जाने वाले कार्यों के बारे में भी बताया।

बीबीएयू एलुमनाई एसोसिएशन के सेक्रेटरी डॉ0 नरेंद्र कुमार ने बताया कि जनवरी 2020 में एसोसिएशन पंजीकृत कराया गया। इसके बाद से ही इस दिशा में एलुमनाई सेल और एसोसिएशन मिलकर कार्य कर रहा है। अब तक कुल 200 छात्र इस एसोसिएशन से जुड़ चुके हैं। उन्होंने बताया कि एलुमनाई एसोसिएशन द्वारा विवि में साईकल बैंक भी स्थापित किया जा रहा है। आज मुख्य अथिति द्वारा इस साईकल बैंक का भी उद्घाटन किया गया। डॉ0 नरेंद्र ने बताया कि एलुमनाई एसोसिएशन द्वारा कुल 50 साईकल प्रदान किये जाने का लक्ष्य है। आज कुल 20 साईकल इस बैंक के लिए प्रदान की गई है। उन्होंने बताया कि ये साईकल विवि के शिक्षकों, पूर्व छात्रों एवं विभिन्न संस्थाओं के सहयोग से प्राप्त हुई हैं। साईकल बैंक में सहयोग देने वाले सभी शिक्षकों और संस्थाओ को स्मृति चिन्ह देकर सम्मानित किया गया। इस अवसर पर प्रो0 सुनीता मिश्रा ने 75000 रुपये की धनराशि एलुमनाई एसोसिएशन में दान किया। इसके लिए उन्हें कुलपति महोदय द्वारा प्रशस्ति पत्र देकर सम्मानित भी किया गया।

कार्यक्रम में पूर्व छात्र डॉ0 तरुण चतुर्वेदी, डॉ0 उमेश प्रसाद, डॉ0 विनय साहू एवं डॉ0 मोहम्मद मेराज अंजुम को अपने अपने क्षेत्र में विशेष योगदान के लिए विवि द्वारा सम्मानित किया गया।

इस अवसर पर कार्यक्रम के संरक्षक, विवि के कुलपति आचार्य संजय सिंह ने अध्यक्षीय उद्बोधन दिया। उन्होंने सभी पूर्व छात्रों का स्वागत करते हुए कहा कि पूर्व छात्र किसी भी संस्थान के लिए उसके ब्रांड अम्बेसडर होते हैं। उनका योगदान संस्थान की प्रगति और उसके वर्तमान छात्रों के विकास में महत्वपूर्ण होता है। पूर्व छात्र वर्तमान छात्रों के लिए मेंटर के तौर पर कार्य कर सकते हैं। उन्होंने पूर्व छात्रों से विवि के विकास में आर्थिक सहयोग देने की आवश्यकता पर भी चर्चा की। कुलपति महोदय ने विवि की एनआईआरएफ रैंकिंग में हुए सुधार के बारे में सभी को अवगत कराया। उन्होंने वर्तमान सत्र में सीयूईटी के माध्यम से दाखिला लेने वाले विद्यार्थियों की दूसरी सबसे पसंदीदा यूनिवर्सिटी के तौर पर बीबीएयू को पसंद किए जाने की बात का भी ज़िक्र किया। विद्यार्थियों को उद्यमिता के क्षेत्र में आगे बढ़ाने के लिए विवि में स्किल बेस्ड कोर्स शुरू करने की योजना के बारे में भी बताया। अंत में उन्होंने साईकल बैंक की स्थापना के लिए एलुमनाई एसोसिएशन को बधाई दी।

कार्यक्रम के मुख्य अतिथि, श्री मुकेश मेश्राम, प्रिंसिपल सेक्रेटरी, टूरिज्म एंड कल्चर, ने कहा कि पूर्व छात्र किसी भी संस्थान की धरोहर होते हैं और विश्व भर के देशों ने संस्थान के विकास में पूर्व छात्रों के योगदान को महत्वपूर्ण माना है। उन्होंने देश की प्रगति के बारे में चर्चा करते हुए कहा कि जब समाज और सरकार एक साथ मिलकर काम करेगा, तभी हम बड़े लक्ष्य प्राप्त कर सकेंगे। उन्होंने प्रगति करने के लिए जागरूक रहने और समाज को जागरूक करने की महत्ता पर प्रकाश डाला। इसके साथ ही उन्होंने विदेशों में शोध के लिए सरकार द्वारा प्रदान की जाने वाली छात्रवृत्ति के

बारे में बताया और साथ ही यह सुझाव भी दिया विवि एक सेल बनाए और उसके माध्यम से ऐसे छात्रों की पहचान करे जो शोध के लिए किसी अन्य देश में जाना चाहता है। ऐसे विद्यार्थियों का नाम विश्वविद्यालय सरकार तक पहुँचाये ताकि विद्यार्थी सरकार से आर्थिक सहयोग प्राप्त कर उच्च शिक्षा और शोध में उत्कृष्ट कार्य कर सके।

कार्यक्रम के विशिष्ट अतिथि श्री कुंवर शशांक, मेंटर फ़ॉर अम्बेडकर सोशल इन्नोवेशन एंड इन्क्यूबेशन मिशन, भारत सरकार, ने बताया कि हमारे एलुमनाई हमारी भावी पीढ़ी के लिए सफलता का ब्लू प्रिंट तैयार कर के देते हैं। यही एलुमनाई हमारे आगे चलकर मेंटर्स और पॉलिसी मेकर्स बनते हैं। जिनके फैसले आगे देश की प्रगति में अहम रोल निभाते हैं। उन्होंने देश के युवाओं का उद्यमिता के क्षेत्र में बढ़ते रुचि के बारे में चर्चा की । उन्होंने कहा कि उद्यमिता ही ऐसा माध्यम है जो हमे विश्वगुरु बना सकता है। हमारा देश इस दिशा में काफी तेजी से आगे भी बढ़ रहा है।

डॉ0 राजश्री ने कार्यक्रम का संचालन किया। इस अवसर पर लगभग 200 पूर्व छात्र कार्यक्रम में शामिल हुए। कार्यक्रम के अंत में एसोसिएशन के वाईस प्रेसिडेंट डॉ0 एम0 एल0 मीणा ने धन्यवाद ज्ञापित किया। कार्यक्रम में एलुमनाई एसोसिएशन की जॉइंट सेक्रेटरी डॉ0 अल्का, सदस्यों डॉ0 सूफिया अहमद, डॉ0 अरविंद सिंह, डॉ0 जीवन सिंह, डॉ0 ओ0 पी0 सैनी, डॉ0 पी0 एस0 रजनीकांथ एवं डॉ आशीष रस्तोगी के साथ ही विवि के सभी शिक्षक, कर्मचारी उपस्थित रहे।

कार्यक्रम के दूसरे सत्र में पूर्व छात्रों और एलुमनाई एसोसिएशन की बैठक हुई जिसमें पूर्व छात्रों ने विवि के विकास के लिए अपने अपने ढंग से विभिन्न प्रकार के सुझाव दिए।

इसके अलावा, बीबीएयू पूर्व छात्र सेल को बीबीएयू पूर्व छात्र संघ से साइकिलें प्राप्त हुईं और यह बीबीएयू पूर्व छात्र सेल के माध्यम से बीबीएयू परिसर में संचालित हो रहीं है।

CENTRE FOR PERSONALITY DEVELOPMENT

The personality can be modified to a certain extent. Accordingly, recent years have seen a variety of efforts by professionals in various fields to design courses that will help to develop a certain positive trends in personality. The objective of such courses is to remove or screen out those barriers or obstructions that stand in the way of the expression of individual personality, through a process of training. This centre is created in the University with the special initiative and the help of Hon'ble Vice Chancellor. The main objective of this Centre is to develop the confidence soft skills capabilities in the young minds of the University to face any interview/selection committee for the jobs/fellowships and to pursue any other career. The centre will provide intensive training in development of Soft Skills to different streams of the students. This training program is organized at free of cost in the University with the key objective of the comprehensive development of the students. The Main components of the Personality development include communication skills, Leadership qualities, Positive attitude, body language, conflict management, values and soft skills. The centre for personality development is to provide soft skills to success in the competitive market of the corporate world. This centre is to convert the highly educated young minds into employable force in the job markets and make them good leaders of the society.

CPD WORKSHOP MODULE 2022

DAY-1	**DAY-2**	**DAY-3**	**DAY-4**	**DAY-5**
Motivational lecture	Swot Analysis	English communication Skills	Conflict Management	Public Speaking
DAY-6	**DAY-7**	**DAY-8**	**DAY-9**	**DAY-10**
Debate	Body Language	Leadership Qualities	Positive Attitude	Group discussion (g.d)
DAY-11	**DAY-12**	**DAY-13**	**DAY-14**	**DAY-15**
Confidence Build Up	Conflict Resolution	Interview Skills	Mock Interview	Certification

The CPD has been conducting the Training programs twice in a year for the students of the University by inviting experts in the area of Personality development and corporate training and management. The program is non conventional mode. The centre is being fully supported by the University. The students are getting self confidence and adopt the positive attitude after the program. The CPD will also conduct counseling for the students.

This Centre for Personality Development is created in the University with the special initiative of Hon'ble Vice Chancellor in 2012. The Main objective of the Centre is to develop the confidence in the young minds of the University to face any interview/selection committee for the jobs/fellowships and to pursue any other career. The centre will provide intensive training in development of Soft Skills for the students. The training program is organized at free of cost in the University. The CPD has been organizing Training programs for the benefit of the students. Two training programs in a year are being conducted. CPD conduct the training programs in the following skills like communication, body language, positive thinking, time management, conflict of management and interview skills, leadership qualities and public speaking. Each training programs carries 50 students per batch after completion of the training program, certificate will be issued. The CPD is running with only one Data Entry Operator (DEO). The Annual budget is around 2.4 lakh.

Honarary Incharge- Prof. L. C. Mallaiah

UNIVERSITY HEALTH CENTRE

The University Health Centre provides basic health services to all the students, administrative staff, faculty members including dependents, non-teaching staff as well as contractual staff of the University. Health services started at the University in 2005 and a doctor Dr. Rakesh Pradhan 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, one Medical Officer, Dr. (Major) Vikas Srivastava & Dr. Harshita Singh were appointed in the year 2014 & 2022 to augment the health services. At present, dispensary setup is being provided as per UGC guidelines.

LOCATION

University Health Centre is located on the premises of Vidya Vihar near gate no. 3.

STAFF

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
Mrs. Sunita Pal	-	Senior Technical Assistant

Following additional staff has been provided by outsourcing agency :-

Physiotherapist	-	01
Nurses	-	03
Medical attendants	-	02
Safaiwala	-	01

SERVICES

Following services are provided:-

(i) **O.P.D. Services** - The doctors are always available as per their duty schedule. The needy patient may visit for consultation and treatment.

O.P.D. Timings-

Morning O.P.D.- 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 always 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.	Blood Donation Camp	-	29/09/2022
b.	Blood Donation Camp	-	12/04/2023

c. RTPCR Test Camp - 11/02/2023 & 12/02/2023
d. Health Camp - 29/03/2023
e. COVID-19 Vaccination - 29/07/2022 & 30/07/2022
(Precaution Dose)

(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 (MPDC courses), 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 services.

(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 co-ordination of State Govt. and other departments of the University.

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.

Information & Guidance Bureau

About I&GB Cell

Committee for I&GB:

Prof. Sangeeta Saxena (DBT)	Coordinator
Dr. Ravi Kumar Gupta (DEM)	Co-coordinator
Dr. V. M. Ravi Kumar (D.H.)	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

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.

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.

Activities in 2022-2023
Activities organized by I&GB

Topic: " Career aspects in Law"
Date and Time: 28-07-2022, 03:00 PM.
Venue: Online through Google meet link: https://meet.google.com/JZX-OAVI-HHC
Conclusion:

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) Prof. Sangeeta Saxena welcomed the speaker Prof. Preeti Misra, Dean, School of Legal studies, other faculty members of the school of Legal Studies, I&GB, committee members and students present in the webinar.
2) Total 43 students from schools of Legal Studies of the BBAU were present in the webinar. Their name (Attendance taken from Online Webinar) .(C/)
3) Prof. Preeti Misra had given very fruitful knowledge and information to the students. She discussed about law career outlook for the students. She tells that there are two main categories of law careers: Legal studies and public policy. A legal study focuses on the general meaning, practice, and institutions of law. Alternatively, public policy involves working with government agencies to create laws and policies.
4) The feedback that we received from the students is very interesting though thoughtful. Some students mentioned it as the wonderful and informative webinar.
5) Overall it was very informative and enthusiastic webinar for the students of law 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 webinar.

Topic: "Nature as classroom: Understanding the environment through the lens of our surroundings"
Date &Time: 11-11-2022, 10:00 AM
Venue: Department of Biotechnology, Room No: 107
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 50 students were present in the seminar. Below are the main highlights of the event:

1) Prof. Sangeeta Saxena welcomed the speaker Dr. Rudra Banerjee from CSIR-NBRI, Lucknow, other faculty members of the depratment, 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, department and feedback comments are present in the activity attendance register.
3) Dr. Rudra Banerjee had given very fruitful knowledge and information to the students. He discussed about the importance of nature and each creature present in our surrounding. How the ants play important role in flowering in the plants. He discussed the social management of ants and how we can learn from them. He also discussed the limitations and opportunities present for the higher education in this area.
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 is 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. Prof. Sangeeta Saxena, coordinator of the I&GB had given the vote of thanks to the guests, students and concluded the seminar.

Topic: "Career Aspects and Job Opportunities in Environmental Sciences"
Date &Time: 31-03-2023, 4:00 PM
Venue: Online through Google meet link: **https://meet.google.com/vma-tdkw-mqz**
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 welcomed the speaker Prof. Shikha, Head (Department of Environmental Sciences) and Dr. Jeewan Singh. He also welcomed other faculty members, I&GB committee members and students present in the webinar.
2) Students from various departments of the BBAU were present in the webinar. Their name, contact details are present in the activity attendance register.
3) Prof. Shikha started the lecture and given very fruitful knowledge and information to the students. She handover the webinar to Dr. Jeewan Singh. He discussed about the importance of Environmental science and technology in our daily life since sustainable environment is the need of today. He emphasizes the various career opportunities available in this subject area such as environemntal scientist, agriculture engineer, environmental technician, research scientist, environmental chemist, soil inspector, microbiologist, engineer, quality assurance and teaching etc. He also discussed the limitations and opportunities present for the higher education and employment in this subject area.
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 is very interesting though thoughtful. Some students mentioned it as the wonderful and informative webinar.
6) Overall it was very informative and enthusiastic webinar 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.

Internal Quality Assurance Cell

The IQAC has been an integral part of the University which works towards realizing the goals of quality enhancement by developing a system for conscious, consistent and catalytic improvement in different aspects of functioning of the University.

Through all these measures IQAC happens to be one of the important components of the University which ensures quality and continuous improvement in all the units / aspects of the University.
The Internal Quality Assurance Cell (IQAC) was established in the University during 2009 with the main objective of ensuring quality in all respects concerning the teaching, research and administration etc. IQAC has been actively involved in the quality improvement to ensure the quality teaching and updating course curriculum in collaboration with Dean Academic Affairs office, Schools, Departments and Centres including Satellite Campus at Amethi. The contributions of members of Steering Committee especially in compiling AQAR, IIQA, SSR Data and DVV Queries during the year 2022-23 was outstanding.

Major Achievements by IQAC:

1. Submitted IIQA for 2nd cycle Assessment and Accreditation.
2. Collected SSR data and documents and compiled by the Steering Committee and the same has been uploaded on NAAC portal.
3. Successfully submitted all the DVV queries raised by NAAC.
4. Two meetings of IQAC was organized during the year.
5. Several meetings of Steering Committee held for strengthening the IQAC activities and overall academic development of the University as and when required.
6. IQAC constituted Academic Audit Committee to visit the academic departments and sections to assess the strength and weakness.
7. IQAC monitored and accelerated the process of Seed Money grants to newly recruited Teachers on regular basis.
8. Constituted various committees for smooth functioning and quality enhancement.
9. Completed the process of recommendation of Promotions of Faculty Members to various Academic Levels.
10. Recommendation for purchase of Equipment for Smart Class rooms.

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. Vinod Joshi and Major P Surekha Rao respectively. The Commanding officer of 67 UP BN is Col. Somnath Vashisth . 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-218), Annual Training Camp and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like

Pariksha Pe Charcha, Road Safety Awareness Week , World Bicycle Day, World Environment Day, Puneet Sagar Abhiyan, Swimming Camp, International Yoga Day, Plantation tree festival, Celebrate Karjil Vijay Diwas, @50+ Mahila trans million parvatarohan Abhiyan, Haushlon ki udaan" Programme, Har Ghar Tiranga Abhiyan, Vibhajan VibhishikaSmriti Diwas, Mahatma Gandhi, Lal Bahadur Shastri Jayanti, Swach Bharat Abhiyan 2.0 & Run 3.0, Sardar Ballabh Bhai Patel Jayanti, Puneet Sagar Abhiyan, Veer Baal Diwas, National Seminar on In elusiveness of Different Abled Women, NCC Unit Welcomes the Unity Run Flame at Lucknow , Subhas Chandra Bose Jayanti, Some Glimpses of 74th Republic Day, One day Inter Instructional Idea Challenge/Completion etc. Details of all the activity during 2022 – 2023 are as given below.

1. Pariksha Pe Charcha on 01 April 2022
2. Road Safety Awareness Week on 19 April 2022
3. World Bicycle Day on 03 June 2022
4. World Environment Day on 05 June 2022
5. Puneet Sagar Abhiyan on 11 June 2022
6. Swimming Camp on 17 June 2022 to 28 June 2022
7. International Yoga Day on 21 June 2022
8. Plantation tree festival on 05 July 2022
9. Celebrate Karjil Vijay Diwas on 26 July 2022
10. @50+ Mahila trans million parvatarohan Abhiyan on 05 August 2022
11. Haushlon ki udaan" Programme on 07 August 2022
12. Har Ghar Tiranga Abhiyan on 11 August 2022
13. Vibhajan VibhishikaSmriti Diwas on 14 August 2022
14. Mahatma Gandhi, Lal Bahadur Shastri Jayanti on 02 October 2022
15. Swach Bharat Abhiyan 2.0 & Run 3.0 on 19 October 2022
16. Sardar Ballabh Bhai Patel Jayanti on 31 October 2022
17. Puneet Sagar Abhiyan on 07 December 2022
18. Veer Baal Diwas on 26 December 2022
19. National Seminar on In elusiveness of Different Abled Women on 30 December 2022
20. NCC Unit Welcomes the Unity Run Flame at Lucknow on 12 January 2023
21. Subhas Chandra Bose Jayanti on 23 January 2023
22. Some Glimpses of 74th Republic Day on 26 January 2023
23. One day Inter Instructional Idea Challenge/ Completion on 29 March 2023

(Coordinator NSS)

Dr. Pawan Kumar Chaurasia

National Service Scheme (NSS) Cell

Introduction

National Service Scheme (NSS) Cell Babasaheb Bhimrao Ambedkar University has organized a One Week Special Day-Night Camp at Aurangabad Khalsa and Jageer Village of Lucknow district, Uttar Pradesh. It is imperative to mention that the Aurangabad has been adopted by the university under ***Unnat Bharat Scheme***. Unnat Bharat Abhiyan is a flagship programme of Ministry of Human Resource Development (MHRD) an exclusive initiative by the Prime Minister of India to develop villages as the Adarsh Gram. As volunteers of NSS Cell BBAU regularly organize different activities in and around the campus, this time the volunteers planned to organize a special camp in the village which the university has adopted.The objective of this camp was to begin the interface with community, rapport building with community members and developing understanding of the village keeping in view the rationale of village adoption i.e. develop long term institutional relation with the community and contribution to the upliftment of people therein.

About the Special Camp

Program Officer Dr Taruna, Dr. Ramesh Chaturvedi, Dr Pranav Kumar Anand and NSS planned a special camp. The camp w.e.f **24th March 2023 to 31th March 2023**was held in university campus. After the confirmation was made, a meeting with NSS volunteers was called on dated **19.03.2023**. In this meeting a brief presentation was made to the volunteers and plan for the camp was discussed. The volunteers excitingly participated in the discussion and planned the roadmap for camp along with guided supervision of Coordinator Dr. Pawan Kumar Chaurasia, NSS Cell BBAU. Finally, a weeklong plan for the special camp was chocked out which is as follow:

S. NO.	Day	Date	Activities
1.	Day-1	24.03.2023	• Reporting of Volunteers at NSS Office • Inauguration of "One-week Day/Night Special Camp" • Discussion on project.
2.	Day-2	25.03.2023	• Identification to address community issues. • Awareness about water scarcity. • Women Empowering. • Survey Questionnaire.
3.	Day-3	26.03.2023	• Cleaning Work. • Awareness about cleaning. • Plantation in Village • Awareness of government scheme for villagers. • Survey Questionnaire.
4.	Day-4	27.03.2023	• Lecture on IT Awareness and ATM fraud • Nukkad Natak by Volunteers • Sports Activity. • Online Payment Awareness. • Survey Questionnaire.
5.	Day-5	28.03.2023	• Lecture on Law/Human Rights • Fire Safety Awareness • Global Warming Awareness • Project Execution • Survey Questionnaire.
6.	Day-6	29.03.2023	• Cultural Activity • AIDS Awareness • DENGU Awareness • Survey Questionnaire

7.	Day-7	31.03.2023	• Valedictory Programme • Briefing of Special Camp • Vote of Thanks

The given activities are the mix of both participatory research technique and pure quantitative research technique so designed to get both factual and statistical information in a stipulated time period of one week. The participatory technique would help in involving the community people and would getting actual information about their issues and problems in more detailed and descriptive manner whereas the quantitative methods of data collection would help in getting broader picture of community in figurative manner.

Inaugural Programme

Chief Guest of program was Dr. Arpit Shailesh and Program Officer Dr. Taruna faculty of BBAU. Along with him dice constituted Sir Sanjay Sharma and Senior NSS volunteers motivated the volunteers with their inspirational words.

Program started at 10 am in ground of DRM , BBAU with introductory speech and enlightening words of distinguished guest and welcome note of NSS Officer BBAU. Then as per scheduled NSS team conducted the activities where program was started as per the plan laid out.

Major Activities Undertaken

After the Inaugural session was over many major activities took place each day comprising mainly of the following ones:-

1. Cleaning of surroundings
2. Yoga and its importance
3. Poster Display along with awareness program on road safety, water conservation, drug addiction.
4. Tree Plantation.
5. Awareness rally and Nukkad Natak on drug de-addiction.
6. Village Survey, Road Safety awareness and Health Camp.
7. Valedictory Session

Day 1

First day began with **inaugural**. A brief motivational speech was delivered by Dr. Arpit Shailesh followed by inspirational words of Sir. Sanjay Sharma. Later on **NSS** Volunteers team was accompanied by theirs team leader for the cleaning drive of the university campus.

In this volunteers along with their team leader cleans the waste around the university campus in order to create awareness as well as the mindset in students regarding cleanliness of surroundings. It helped volunteers to get familiar with each and every group member,co-operation with the team leaders and many more. Lastly at the end of the day all the trash transferred to garbage bins.

Day 2

On the **second day of camp**, volunteers performed yoga and displaying benefits of yoga in the university campus. It brought freshness in the mind of the volunteers and also the students observing as it facilitates fitness and enthusiasm.

Day 3

Poster Activity:-

An awareness drive was launched by poster display and slogans. Volunteers lead by respective team leaders created different types of posters and slogans for awareness towards various activities like as road safety, water conservation, drug de-addiction.

Dean of Management Department visited the camp and appreciated for the creative works of volunteer.

Day 4

Tree Plantation Activity:-

After these acts were enacted whole team of NSS planted trees and plantation drive carried out at **Birsa Munda Student Activity Center,** in B.B.A.U Campus. Dr. Dhirendra Panday, Dr. Pawan Kumar Chaurasia, Dr. Pranav Kumar Anand , Dr. Rajshree and Sir. Sanjay Sharma also accompanied in this noble task of making environment green.

Day 5

No Substance Abuse Awareness:- As on Day 5 it started with an awareness rally in the campus area on "No Substance Abuse". The awareness program was conducted by the volunteers under the guidance of Program Office Dr. Pranav Kumar Anand, Sir Sanjay Sharma and Senior NSS Volunteers.

The awareness program was mainly conducted to make the citizens aware of the addiction of drug usage, effects on health and how to stop consumption of drugs. There were various slogans spread by the volunteers along with the hand made posters displays on "No Substance Abuse"

Nukkad Natak on "NO SUBSTANCE ABUSE":-

On the same day just after the Awareness Rally a Nukkad Natak was conducted by the NSS Volunteers. The Nukkad Natak was mainly based on "No Substance Abuse" i.e how a person gets addicted to drugs and gains health issues.

Through the Nukkad Natak the volunteers made an act to display that how a newly admitted student of a school/college gets influenced by a group of drug adductors and the student develops the habit of consuming drugs.

The act also displays that how a person looses it health and wealth day by day. And at the end of this act the volunteers also passed a message that how an addicted person can get rid of such habits by consulting to a doctor and visiting to Drug Rehabiliation Centers.

Day 6

Village Survey:-

On the Sixth day of Special Camp the volunteers were asked to report early morning at 8:30 AM near Ashoka Boys Hostel BBAU Gate No. 3.

At the Gate No. 3 a brief instruction was given by Dr. Pranav Kumar Anand to the volunteers regarding the survey of village at Aurangabad Khalsa/Jageer Village.

In this survey the volunteers were divided into groups of two to three members . It was a survey on employment and education status of the people in the village of age group between 15 to 29. Mostly the data collected from village and on an age group between 15years to 29years ,who were uneducated or unemployed members in the village.

Road Safety Awareness:-A Road Safety Awareness program was conducted by the volunteers outside the University Campus in the nearby road junction. People violating road safety measures like wearing helmet, putting seatbelt were politely advised to follow road safety measures/rules and regulations.

Health Camp:-

NSS health camp was setup in the BBAU Health Center where the volunteers were provided a routine health checkup. Height, weight, blood pressure etc. were checked and proper instructions were given by the medical team of Health Center to make self physically and mentally fit. It was much beneficial for the volunteers interacting with the Medical Team .

Day 7

Valedictory Session

The valedictory function of the special camp was organized in the University on dated 31-03-2023 at Ambedkar School of Social Science) ASSS Hall, BBAU **Dr. Bibekanand Nayak, Dr. Becha Lal** faculty of BBAU Lucknow were the chief guest of the event. It was successfully conducted by Coordinator **Dr. Pawan Kumar Chaurasia,** Program Officer **Dr. Taruna, Dr. Ramesh Chaturvedi and Dr. Pranav Kumar Anand**. and Senior NSS volunteers.

Remedial Coaching Programme (RCP)

Description of 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 21 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.

Objectives of the various coaching schemes

To offer quality coaching program to the aspirants belonging to SC/ST/ Minorities and Women category.

- To improve the academic skills and linguistic proficiency of the students in various subjects.
- To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.
- 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.
- To provide career guidance and psychological counseling for capacity building to those who are in need of such counseling.

Future Plans

- Introducing innovative teaching methods for spoken English and communication skills.
- Upgradation of library facilities of the centre.
- Strengthening of infrastructure of the centre.

Advisory Committee of RCP: An advisory committee has been formed recently to ensure effective implementation of schemes for the eligible students.

1.	Vice Chancellor	Chairman
2.	Prof. D.R. Modi	Member
3.	Prof. R. A. Khan	Member
4.	Prof. Kaman Singh	Member
5.	Prof. Ram Chandra	Member
6.	Dr. M.L. Meena	Member
7.	Ms. Manjari Raj Oraon	Member
8.	Dr. Venkatesh Kumar R.	Member
9.	Prof. K. L. Mahawar	Member Secretary

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 & NaturalProduct Research
3.	Abhishek Kumar	D.E.O. cum MTS (outsourcing)	Graduation, CCC,	MS Office, Hardware, Software and Typing.

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 (2022-23)

Sl. No.	Name of the Department	No. of No- Dues issued
1	All University departments	1110 No- Dues Certificates has been issued by the Centre so far.

Details of the fund allocated for session 2022-2023 for various coaching programs

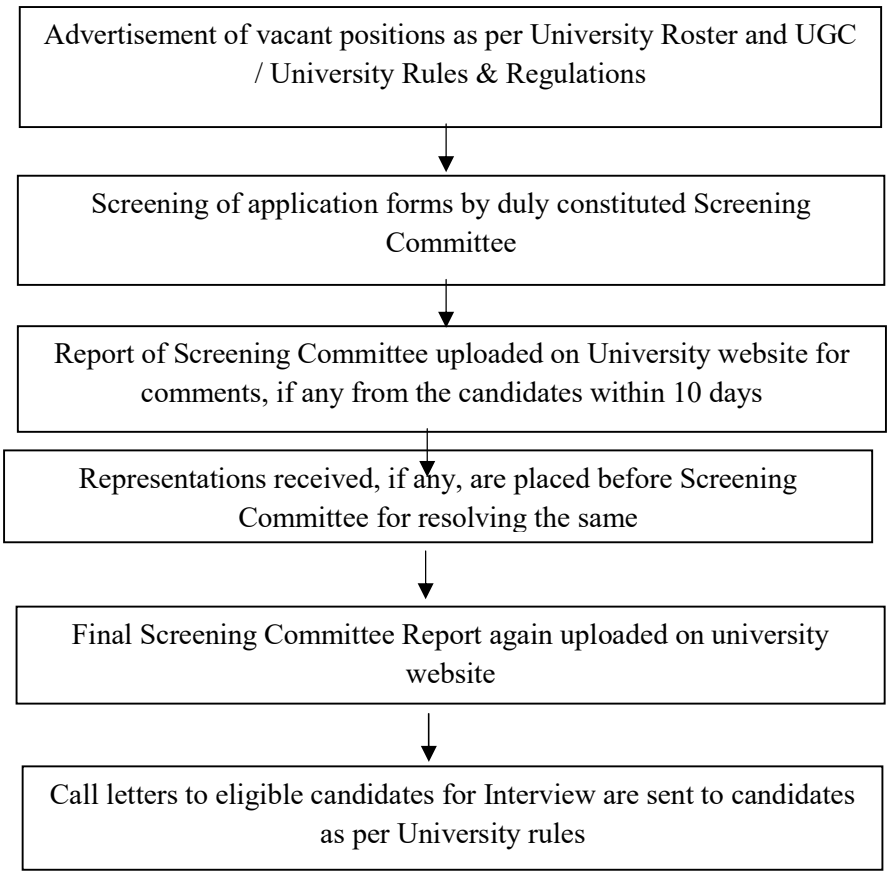
Sl.No.	Name of the account head	Fund Allocated (Rs. in Lakhs)
1	Remedial Coaching for SC / ST / OBC (Non Creamy layer) and Minority Community Students	NIL
2	Entry Into Service for SC/ ST/ OBC (Non Creamy layer)and Minority Community Students	NIL
3	Coaching for NET for SC/ST/OBC(Non Creamy layer) and Minority Community Students	NIL
4.	**Total = NIL**	

Expenditure details for the session 2022-2023
Amount spent from 1st April 2022 to 31st March 2023.

Sl.No.	Name of the Head	Expenditure in Rs.
1	Spoken English Program	NIL
2	Computer Coaching Program	NIL
3	NET Coaching Program	NIL
4	Advance Imprest for RCP	NIL
5	Telephone bill for RCP	NIL
6	Honorarium for Coordinator RCP	NIL

Recruitment Cell

- During the year 2022-23, the Recruitment Cell advertised 52 nos. of vacant teaching positions in July 2022 A total of 08 appointments have been made till 31.03.2023 and appointment on remaining positions is under process.
- Appointments on Non-teaching positions of Registrar, Finance Officer, Controller of Examination, Medical Officer and Executive Engineer have been made against advertisement released in October, 2021.
- The procedure followed for appointment on vacant teaching and non-teaching positions is fully transparent and is as below:



SPORTS SECTION

Events Conducted for the Academic year 2022-23

01. Conducted Sport Events -2021-22 from 5th Apr. to 14th Apr. 2022, where different Sports Events were conducted at Inter

School Level:

S.N.	Name of the Event	Level of Participation
1	Football	Inter School Boys & Inter School Girls
2	Volleyball	Boys Singles and Double & Girls Singles and Double
3	Basketball	Inter School Boys & Inter School Girls
4	Cricket	Boys Singles and Double & Girls Singles and Double
5	Kho-Kho	Inter School Boys & Inter School Girls
6	Kabaddi	Inter School Boys & Inter School Girls

7	Tug of war	Inter School Boys & Inter School Girls
8	Badminton	Inter School Boys & Inter School Girls
9	Table tennis	Inter School Boys & Inter School Girls
10	Chess	Inter School Boys & Inter School Girls
11	Power Lifting	Inter School Boys & Inter School Girls
12	Athletics	Inter School Boys & Inter School Girls

02. Celebrating Babasaheb Bhim Rao Ambedkar Jayanti "Bhim Walk & Run "and University Foundation day Celebration 14th April 2022.

03. World Bicycle day 03 June 2022.

04. World Environment Day 06 June 2022.

05. Motivation Talk by Padam vibhushan, Arjun Awardee Ms. Bachhendri Pal. 06 august 2022.

06. Har ghar Tiranga abhiyan 09 August 2022.

07. Sports Section is celebrating National Sports Day "FIT India Movement" on 29th August 2022. For Lawn celebrating National Sports Day Sports Section is organizing a Volleyball Match (Men & Women) for Students, Tennis Friendly match between faculty & staff members of the BBAU .

08. Teacher's Day Celebration 5th September 2022.

09. 153rd Birth Anniversary of Mahatma Gandhi "Swachta Pakhwada" on 02 October 2022.

10. Organized "Swachh Bharat Abhiyan- 2.0" & "Fit India Freedom Run-3.0" on 19 October 2022

11. Celebrating 147th Birthday Birth Anniversary of India's Iron, Sardar Vallabhbhai Patel on 31st October 2022.
The day is also earmarked as "**Rastriya Ekta Diwas"** across the Country**.** Sports Section **&** N.C.C Organized
"Run for Unity" at 7.30 a.m to pay Floral Tribute & Organized Special Lecture on "**National Unity Day"** by
Lt. Gen V.K Chaturvedi and Vice Admiral Raman Puri (Youth For nation) on 31st Oct 2022, 0:03 p.m in the BBAU, SES Conference Hall.

12 आज दिनांक 31/10/2022 को बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय में आजादी के अमृत महोत्सव के अंतर्गत, विश्वविद्यालय के खेल अनुभाग, एन सी सी इकाई (20 यू पी बालिका वाहिनी एन सी सी, 67 यूपी बटालियन एन सी सी) एवं एन. एस. एस. के संयुक्त तत्वावधान में लौह पुरुष सरदार वल्लभ भाई पटेल की जयंती मनाई गई जिसमे राष्ट्रीय एकता दिवस के अंतर्गत विश्वविद्यालय के कुलपति कार्यक्रम के संरक्षक, प्रो. संजय सिंह सर ने लौह पुरुष सरदार बल्लभभाई पटेल जी और अंबेडकर जी की प्रतिमा पर माल्यांपण / पुष्पांजलि अर्पित कर कार्यक्रम की शुरुवात किया, जिसमें विश्वविद्यालय के एन. सी. सी. कैडेट्स व अन्य छात्र / छात्राओं के साथ स्पोर्ट्स ग्राउंड से अटल बिहारी बाजपेई सभागार तक रन फॉर यूनिटी का आयोजन किया गया। तथा देश की एकता और अखंडता को बनाए रखने के लिए सपथ भी लिया गया | इसीक्रम में आर्मी रिटायर्ड लेफ्टीनेंट जनरल श्री बी. के. चतुर्वेदी और रिटायर्ड वाइस एडमिरल श्री रमन पुरी (यूथ फॉर नेशन संस्था) सर का लेक्चर भी किया किया गया, जिससे छात्र/ छात्राओ में एक पॉजिटिव ऊर्जा का संचार हुआ इस मौके पर विश्वविद्यालय के कुलसचिव डा. अश्वनी कुमार सिंह, छात्र अधिष्ठाता प्रो. बी एस भदौरिया, प्रो. गजानंद पाण्डेय, प्रो. शिल्पी वर्मा, प्रो. नवीन कुमार अरोरा कैप्ट. (डा.) राजश्री,एसोसिएट एनसीसी अधिकारी, ले. (डा.) मनोज कुमार डडवाल, प्रो. एम. पी. सिंह, प्रो. वी. सी. यादव, प्रो. विक्टर बाबू, प्रो. के. एल. महावार, डा. सुनिल गोरिया, डा. रवि शंकर वर्मा, डा. रचना गंगवार, डा. तरुणा, डा. अनिल यादव सहित बड़ी संख्या में शिक्षक गण, कर्मचारी गण व छात्र/ छात्राए मौजूद थे

13. आज दिनांक 29/11/2022 को बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय, लखनऊ में एन. सी. सी. ब्वॉयज कैडेट्स का एनरोलमेंट संपन्न हुआ| जिसमे कैडेट्स की शारीरिक लंबाई, 1500 मीटर की दौड़, लिखित परीक्षा भी कराई गई जिसमें 67 यूपी बटालियन एनसीसी, लखनऊ की तरफ से कर्नल सोमनाथ वशिष्ठ ,

सूबेदार मनोज कुमार , हवलदार उदय, एसोशिएट एन. सी. सी. आधिकारी डा. मनोज कुमार डडवाल व एन सी सी के कैडेट्स मौजूद थे|

14. Celebration of NCC day 27 November 2022 at BBAU Auditorium.

15. BBAU team participated in the North Zone Intervarsity Men's Kabaddi Championship-2022/23 from **MDU Rohtak Harvana**. From 6th December to 11th December 2022.

16. बाबासाहेब भीमराव अंबेडकर केंद्रीय विश्वविधालय, लखनऊ में कुलपति कर्नल प्रो. संजय सिंह एवं कर्नल विनोद जोशी समादेशाधिकारी की अध्यक्षता में 20 यूपी गर्ल्स बटालियन व 67 यूपी एन. सी. सी. बटालियन ने आजादी के अमृत महोत्सव के तहत पुनीत सागर अभियान के अन्तर्गत 7-12-2022 राष्ट्रीय प्रदूषण दिवस के उपलक्ष में विभिन्न कार्यक्रमों का आयोजन किया। जिसमे विश्वविधालय के एन. सी. सी. कैडेट्स ने केंद्रीय पुस्तकालय से अशोका छात्रावास तक रैली निकाल कर उपस्थित जन समूह को जागरूक किया और अशोक छात्रावास के सामने स्थित तालाब की साफ - सफाई की | छात्रों ने सफाई के दौरान तालाब से प्लास्टिक की बोतल व अन्य अपशिष्ट पदार्थों को भी निकाला , और जल संरक्षण के लिए शपथ भी लिया | |

17. BBAU team participated in the North Zone Intervarsity Men's Football Championship-2022/23 from GNA University Phagwara, Punjab from 16th December to 24th December 2022.

18. BBAU team participated in the North Zone Intervarsity Men's Volleyball Championship-2022/23 from M.J.P Rohilkhand University Bareilly, U.P. from 21th December to 25th December 2022.

19. BBAU team participated in the North Zone Intervarsity Men's Basketball Championship-2022/23 from JMI New Delhi, from 25th Dec to 28th Dec 2022 .

20. "Azadi ka Amrit mahotasav" Committee & NCC unit celebrated #VeerBaalDiwas on 26/12/2022. The digital exhibition of rare pictures of Sahibzade Zorawar Singh and Fateh Singh were shown to students&faculty members in honour of martyrdom of sahibzade.

21. Celebrating Veer Bal Diwas on 27/12/2022

22. Colonel Vinod Joshi in Babasaheb Bhimrao Ambedkar University, Command Officer 20 U. P. 67 U in the direction of Girls Battalion. P. The Battalion N. C. Under the joint auspices of the C and Sports department, other students of the university celebrated the 126th birth anniversary of Netaji Subhash Chandra Bose as a Brave Day, in which a cycle rally was organized from the gate number two of the university.

21. Azadi Ka Amrit mahotsav Committee & NCC unit celebrated Veer Baal Diwas on 26/12/2022. The digital exhibition of rare pictures of Sahibzade Zorawar Singh and Fateh Singh were shown to students&faculty members in honour of martyrdom of sahibzade.

22. National Seminar on "Inclusiveness of Differently Abled Women: Opportunities and Challenges in India" supported by National commissions for Women, New Delhi was inaugurated on 30th Dec 22. Chief Guest of the function was Madam Anupriya Patel ji, hon'ble Union Minister of State for Commerce and Industry, Govt. of India. The guest of Honour was Ms. Palak Kohli, World 3rd rank Para Olympian. Chief Patron was Prof. Sanjay Singh ji, Hon'ble Vice-Chancellor, Babasaheb Bhimrao Ambedkar University, Lucknow. Dronacharya & UP Yash Bharati Awardee Gaurav Khanna was also the part of function. Smt. Shabnam Saifi and Smt Satvinder Kaur of the University were felicitated by the Hon'ble minister.

23. Colonel Vinod Joshi in Babasaheb Bhimrao Ambedkar University, Command Officer 20 U. P. 67 U.P in the direction of Girls Battalion. P. The Battalion N. C. Under the joint auspices of the C and Sports department, other students of the university celebrated the 126th birth anniversary of Netaji Subhash Chandra Bose as a Brave Day, in which a cycle rally was organized from the gate number two of the university.

24. BBAU team participated in the North Zone Intervarsity Women's Weight Lifting Championship-2022/23 from **Calicut University Kerla,** from 27th January to 29th January 2023.

25. BBAU team participated in the North Zone Intervarsity Men's Cricket Championship-2022/23 from **Kurukshetra University Kurukshetra** 23rd Feb to 03rd March 2023

26. BBAU team participated in the North Zone Intervarsity Men's Kho-Kho Championship-2022/23 from Chaudhary Charan Singh University, Meerut from 04thApril to 10thApril 2023.

27. Conducted Sport Events -2021-22 from 1st Feb to 8th Feb. 2022/23, where different Sports Events were conducted at Inter School Level:

S.N.	Name of the Event	Level of Participation
1	Football	Inter School Boys & Inter School Girls
2	Volleyball	Inter School Boys & Inter School Girls
3	Basketball	Inter School Boys & Inter School Girls
4	Kho-Kho	Inter School Boys & Inter School Girls
5	Kabaddi	Inter School Boys & Inter School Girls
6	Table tennis	Inter School Boys & Inter School Girls

UNIVERSITY SOPHISTICATED INSTRUMENTATION CENTRE (USIC)

The University Sophisticated Instrumentation Centre (USIC) is established as a central laboratory facility and housed in the ground floor of the School for Environmental Science building. Its main objective is to provide services to all faculty, researchers and students of various departments in the University. This facility is also made available to the outside researchers and students on payment basis. Training programs and workshops/seminars are organized regularly for faculties, researchers and students to use and application of various instruments and analytical techniques for awareness among the users. The USIC has the following equipment:

1. Scanning Electron Microscope (SEM), Model: JSM 6490 LV, Make: JEOL, Japan
2. X-Ray Diffractometer (XRD), Model: D8 Advance Eco, Make: Bruker, Germany
3. Inverted Laser Scanning Confocal Microscope (ILSCM), Model: LSM900, Make: Zeiss, Germany
4. Preparative HPLC, Model: LC-20AP, Make: SHIMADZU, Japan
5. Fast Performance Liquid Chromatograph (FPLC), Model: AKTA 10, Make: GE-Healthcare Bio-Science, Hong Kong
6. Fourier Transform Infra-Red Spectrometer (FTIR), Model: Nicolet 6700, Make: Thermo-Scientific, USA

Apart from the above equipment the following minor equipment are available in USIC:

1. High Speed Centrifuge Machine (CM12-Plus Remi)
2. Vortex Mixer (CM101-Plus Remi)
3. Double Distillation Unit
4. Hot Air Oven, Deep Freezer (-40°C)
5. Deep Freezer (-40^{0}C)
6. Electrophoresis, UV Lamp
7. Ultrasonic cleaner
8. Microwave oven
9. Magnetic Stirrer with Hot Plat
10. Photoresist Spinner
11. Research Microscope
12. Refrigerator

1. Scanning Electron Microscope (SEM)

A Scanning Electron Microscope (JSM 6490) scans a focused electron beam over a surface to create an image. The electrons in the beam interact with the sample, producing various signals that can be used to obtain information about the surface topography and composition. It can be use both under low & high vacuums depending on the nature of the specimens. Low vacuum with low kV (energy) provides the user the longer duration for scanning the material, the organic specimens, before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (INCA x-act) of OXFORD instruments, UK, which has enhanced the application range in a manner that any metal associated with the biological material or in isolation or in the form of alloy may be identified and also quantified. The SEM facility has also been supported with the two important preparatory units, viz., Sputter Coater of JEOL, Japan (JFC 1600, Auto Fine Coater) and Critical Point Dryer (CPD) Emitech K 850 of Quorum Technology of UK.

2. 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.

3. 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 three dimensional reconstructions

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.

4. 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.

5. Fast Performance Liquid Chromatograph (FPLC):

Fast Performance Liquid Chromatograph (FPLC) is a form of medium pressure chromatography that is used to analyze or purify mixture of proteins and other biomolecules. The FPLC (main AKTA 10) has been provided with other accessories which include Sephadex G75, Sephacry1 S – 200, Deae Sepharose Fast FL, CM Sepharose fast flow short & long column holders, AKTA user kit etc. to make the facility of broader usage.

6. Fourier Transform Infra-Red Spectrometer (FTIR):

Fourier Transform-Infrared Spectroscopy (FTIR) is an analytical technique used to obtain an infrared spectrum of absorption or emission of organic (and in some cases inorganic) materials. The FTIR has been supplemented with an accessory called Attenuated Total Reflectance (ATR) to enhance the use and application of the instrument in way that with this facility any form of material, i.e., filmy/pellet; liquid, including liquids of flammable nature may be studied; rather that its limited use of getting spectra of the solids on the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.

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 2022 to March 2023	
		No. of Samples Analyzed	Amount Received (Rs.)
1.	Scanning Electron Microscope	1163	4,10,950/-
2.	Fourier Transform Infra-Red Spectrometer	474	77,500/-
3.	X-Ray Diffractometer	254	94,200/-
4.	Prep HPLC	92	31,550/-
5.	ILSCM	216	56,500/-
6.	Fast Performance Liquid Chromatograph (FPLC)	19	3,800/-
7.	Photoresist Spinner	50	2,500/-

Profile:

The USIC of the University has a Director/In-charge and an Advisory Committee consisting of 05 Professors of the science stream departments are also working.

Hands-on-Training/Workshop

University Sophisticated Instrumentation Center (USIC) is regularly organizing the Hands-on-Training/Workshop programme on instrumentation for students and faculty member of BBAU and Non BBAU.

For contact:

Prof. (Dr.) Bal Chandra Yadav
Director/In-charge
University Sophisticated Instrumentation Center (USIC)
Babasaheb Bhimrao Ambedkar University,
Vidya Vihar, Raibarelly Road, Lucknow, Uttar Pradesh
Mobile: 9450094590
Email: usicbbau@yahoo.com; bcyadava@bbau.ac.in

Yoga Wellness Centre

Introduction: The Yoga Wellness Centre was established by Department of AYUSH, Uttar Pradesh on 14th August 2019 at Health Centre, BBAU. The functioning of the Yoga Wellness Center started on 28 September 2021, and appointed two yoga personnel in the center. With the help of yoga practices, problems related to everyday human life has being addressed at the Yoga Wellness Centre. This Centre is successfully catering to the needs of not only students, staff and faculty members but also to the community.

Objectives of Yoga Wellness Centre

- To provide positive health and wellbeing among college students, faculty members and other general yoga seekers.
- To provide Yoga practices including Asana, Pranayama, Relaxation, & Meditation techniques.
- To provide Yoga Therapy practices for non-communicable diseases such as Diabetes, hypertension, back pain etc.
- To encourage people for adopting yoga based lifestyle, yogic diet, and general practices.
- To educate college students for healthy body and mind.
- To introduce basic wellness principles and practices of Yoga.

Department of AYUSH, Uttar Pradesh in Collaboration with Babasaheb Bhimrao Ambedkar University, Lucknow

2. Details of Faculty Members

S. No.	Name	Designation
1.	Prof. Harishankar Singh	Head-Department of Yoga
2.	Prof. Sharad Sonkar	Co-ordinator
3.	Shri Sagar Kumar Saini	Yoga Instructor
4.	Shri Anup Maurya	Yoga Assistant

S.R. No.	MONTH	MALE	FEMALE	TOTAL OPD	CAMP	TOTAL = OPD + CAMP
	July	50	82	132	----	132
	August (1 Aug. – 27 Aug.)	94	82	176	----	176
	September (13 Sep. – 30 Sep.)	53	71	124	----	124
	October	66	62	128	25	153
	November	103	82	185	----	185
	December	150	138	288	----	288
	January	92	98	190	----	190
	February	79	74	153	----	153
	March	101	96	197	183	380
	April	54	122	176	192	368
	May	69	120	189	177	366
	June	85	102	187	1166	1353
	TOTAL BENEFICIARY	**996**	**1129**	**2125**	**1743**	**3868**

Yoga Centre Activities

D.B.T. report from 01 July 2022 to 30 June 2023

Total number of beneficiaries from 1st July 2022 to 30th June 2023 = 3868

Camp details from 01 July 2022 to 30 June 2023

1. Organized Yoga Camp on 18 October 2022 at 93 Battalion, CRPF, Lucknow, Total number of beneficiaries – 25
2. Organized Yoga camp under "Yoga in the Park" program from 1st March to 31st March 2023 at Sant Gadge Ji Maharaj Reservoir Park, Rashmikhand (Sarojini Nagar Assembly). Total number of beneficiaries - 183
3. Organized Yoga camp under "Yoga in the Park" program from 1st April to 30th April 2023 at Sant Gadge Ji Maharaj Reservoir Park, Rashmikhand (Sarojini Nagar Assembly).Total number of beneficiaries - 192
4. Organized Yoga Camp under "Yoga in the Park" program at Sant Gadge Ji Maharaj Reservoir Park, Rashmikhand (Sarojini Nagar Assembly) from 1st May to 31st May. Total number of beneficiaries - 177
5. Yoga camp organized under "Yoga in the Park" program from 1st June to 30th June at Sant Gadge Ji Maharaj Water Park, Rashmikhand (Sarojini Nagar Vidhan Sabha) Total number of beneficiaries - 766
6. 21 June International Yoga Day 2023 – Kakori Martyr Memorial Park Total number of beneficiaries – 400, Total number of beneficiaries in the month of June - 766 + 400 = 1166

SC/ST CELL

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 SCs/STs 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. CONSTITUTION OF ADVISORY COMMITTEE FOR WELFARE OF SCHEDULED CASTES/ SCHEDULED TRIBES

With Effect From 26/10/2020

S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. Rajesh Kumar	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. V. Elangovan	Member
5.	Prof. L.C. Mallaiah	Member
6.	Prof. B. S. Bhadauria	Member
7.	Prof. Jaya Shrivastava	Member
8.	Prof. Sartik Bagh	Member
9.	Dr. Rajesh Kumar	Member
10.	Dr. Manjari Raj Oraon	Member
11.	Shri Gokaran Prasad	Member
12.	Incharge (SC/ST Cell)	Convener/Member -Secretary

3. CONSTITUTION OF ADVISORY COMMITTEE FOR PWD

With Effect From 24/03/2021

S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. B. B. Malik	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. Rajesh Kumar	Member
5.	Prof. Sanatan Nayak	Member
6.	Prof. Sanjeev Kumar Chadha	Member
7.	Prof. B. S. Bhadauria	Member
8.	Prof. Shikha	Member
9.	Dr. Loknath	Member
10.	Dr. Brajesh Kumar Singh	Member
11.	Dr. Vivek Nath Tripathi	Member

12.	Dr. Yusuf Akhter	Member
13.	Shri Salahuddin Khan	Member
14.	RSO	Convener/Member -Secretary

4. CONSTITUTION OF ADVISORY COMMITTEE FOR OBC
With Effect From 24/03/2021

S. No.	Name	Designation
1.	Vice Chancellor	Chairman
2.	Prof. Sanatan Nayak	Member
3.	Prof. S. K. Pandey	Member
4.	Prof. Rajesh Kumar	Member
5.	Prof. B. S. Bhadauria	Member
6.	Prof. Bal Chandra Yadav	Member
7.	Prof. M. Ravi Kumar Vejendala	Member
8.	Dr. B.S. Gupta	Member
9.	Dr. Sufiya Ahmed	Member
10.	Dr. Preety Choudhari	Member
11.	Shri B. K. Kashyap	Member
12.	RSO	Convener/Member -Secretary

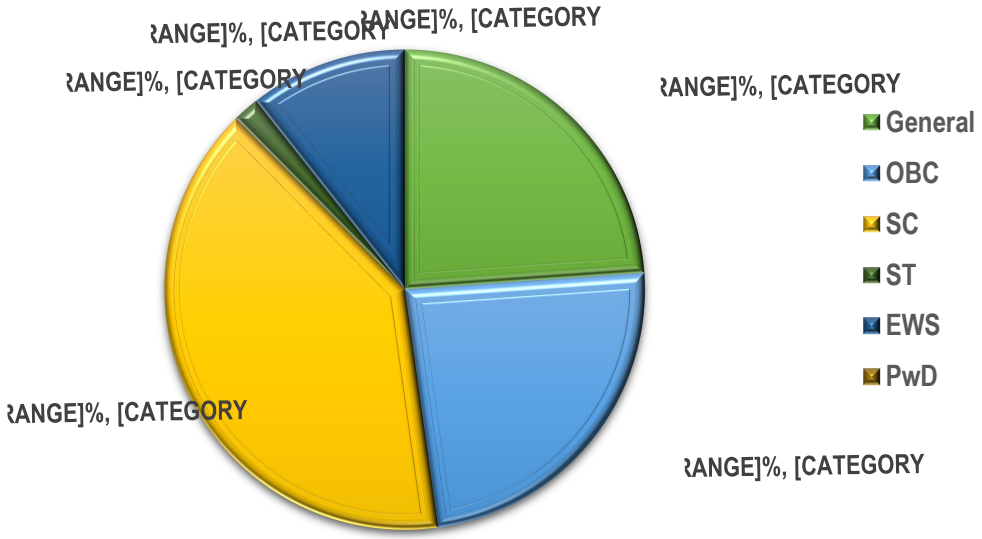
5. STATUS OF EQUAL OPPORTUNITY CELL MEETING HELD IN BBAU, LUCKNOW DURING ACADEMIC YEAR 2016-23

S. No.	Details of Meetings	Status
1.	1st Equal Opportunity Cell Meeting *(Dated 19.04.2016)*	ATR completed
2.	2nd Equal Opportunity Cell Meeting *(Dated 27.10.2016)*	ATR completed
3.	3rd Equal Opportunity Cell Meeting *(Dated 01.08.2019)*	ATR completed
4.	4th Equal Opportunity Cell Meeting *(Dated 05.03.2020)*	ATR completed
5.	5th Equal Opportunity Cell Meeting *(Dated 23.10.2020)*	ATR completed

6. ONE PAGE STATISTICAL DATA TOTAL ENROLLMENT DURING 2022-23

Category	Diploma	UG	PG	5 Years Integrated	M.Phil.	Ph.D.	Grand Total
General	27	777	1099	155	3	218	2279
OBC	27	390	489	53		64	1023
SC	45	874	912	230	1	211	2273
ST	2	108	133	6		38	287
Total	**101**	**2149**	**2633**	**444**	**4**	**531**	**5862**
EWS	12	154	241	29	0	22	458
PwD	0	3	15	0	0	3	21

7. Category wise Students Admission.



8.DETAIL OF HOSTELLER STUDENTS (2022-23)

Total Number of Hostels	Total Intake Capacity	Number of Students Residing in Hostels						Out of the Total		
		Gen	SC	ST	OBC	EWS	Total*	PwD	Muslim	Other Mino. Commun.
08	1434	260	359	159	78	57	913	20	-	-

9. STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT ONLINE APPLICATIONS FORWARDED DURING 2022-23 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

	General	SC	ST	OBC	Minority	Total
Total Application forms available on Scholarship website	450	843	12	296	64	**1665**
Hard Copy received by the University	450	843	12	296	64	**1665**
Total applications verified by the University	450	843	12	296	64	**1665**
Total applications Forwarded by the University to DIOS	450	843	12	296	64	**1665**

10. 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.

iv. Financial assistance of @ Rs. 3000/- is being provided to SC/ST Students at Post Graduate level for Study Tour.

v. Financial assistance of @ Rs. 3000/- is being provided to the SC/ST research scholars for preparation of Ph.D. thesis.

हिन्दी प्रकोष्ठ

हिंदी प्रकोष्ठ का गठन संवैधानिक प्रावधानों एवं राजभाषा अधिनियम 1963 व राजभाषा नियम 1976 के तहत राजभाषा संबंधी प्रावधानों को लागू करने के लिए भारत सरकार के प्रत्येक विभागों, कार्यालयों, स्वाकयत्तर संस्थानों एवं उपक्रमों में अनिवार्य है। राजभाषा के इसी प्रावधान के अनुपालन में भारत सरकार ने प्रत्येक केन्द्रीय विश्वविद्यालयों में हिंदी प्रकोष्ठ का गठन किया गया है।

विश्वविद्यालय में हिंदी प्रकोष्ठ् का गठन राजभाषा नीति के अनुपालन एवं राजभाषा के संबंध में भारत सरकार के आदेषों को लागू करने के उद्देश्य से किया गया है। इस दिशा में हिंदी प्रकोष्ठ द्वारा अनेक कदम उठाए गए हैं। जैसे–

i. हिंदी पत्राचार के प्रतिशत को बढ़ाना
ii. राजभाषा अधिनियम 1963 के धारा 3(3) का अनुपालन।
iii. राजभाषा कार्यान्वयन समिति की तिमाही बैठक।
iv. तिमाही हिंदी कार्यशाला, गोष्ठी का आयोजन।
v. राजभाषा विभाग को तिमाही प्रगति रिपोर्ट का ऑनलाइन प्रेषण।
vi. हिंदी में कार्य को बढ़ावा देने के लिए कम्प्यूटरों पर यूनिकोड को इंस्टाल करना।
vii. हिंदीत्तर भाषी कर्मी को हिंदी प्रशिक्षण की व्यवस्था करना।

1 . हिन्दी प्रकोष्ठ की नवीनतम गतिविधियां–

i. विभागीय राजभाषा समिति की बैठक का नियमित आयोजन ।
ii. इसके साथ ही विश्वविद्यालय में राजभाषा अधिनियम एवं नियम का अनुपालन सुनिश्चित करने हेतु सभी विभागों को आदेश जारी करना एवं इसके अनुपालन हेतु प्रयास करना।
iii. विश्वविद्यालय की हिन्दी प्रगति की तिमाही प्रगति रिपोर्ट मानव संसाधन विकास मंत्रालय एवं राजभाषा विभाग को नियमित रूप से क्रमशः डाक एवं ऑनलाइन नियमित रूप से भेजा जाना।
iv. विश्वविद्यालय की छमाही पत्रिका ''निर्णयन'' प्रकाशनाधीन है।
v. कार्यशाला/संगोष्ठी का नियमित आयोजन होता है।
vi. ई–मेल के माध्यम से यूनीकोड का लिंक भेजकर विश्वविद्यालय के समस्त विभागों/ अनुभागों के कम्प्यूटरों पर यूनीकोड संस्थापन सुनिश्चित किया जाना। http://www.bhashaindia.com/ilit/ HindiPreInstall.aspx
vii. नगर राजभाषा कार्यान्वयन समिति की बैठकों में सक्रिय भागीदारी।
viii. दैनिक कार्यो में प्रशासनिक शब्दों के उपयोग हेतु ई–मेल के माध्यम से सरल शब्दावली का समस्त विभागों/अनुभागो में प्रेषण किया गया।
ix. प्रतिवर्ष हिन्दी पखवाड़ा का आयोजन करना।
x. हिंदीत्तर भाषी कर्मी को हिंदी प्रशिक्षण दिलाना।

2. हिन्दी प्रकोष्ठ की नवीनतम गतिविधियां–

i. दैनिक कार्यो में प्रयोग होने वाले प्रपत्रों का अनुवाद जैसे– अवकाश, मेडिकल आदि।
ii. विश्वविद्यालय के सभी नामपट्ट एवं साईन बोर्ड को द्विभाषी किया जाना ।
iii. विश्वविद्यालय में प्रशासनिक एवं अन्य कार्यो में प्रयोग किये जाने वाले सभी प्रपत्रों का अनुवाद हिन्दी में किया गया एवं उसे वेबसाईट पर अपलोड किया गया।
iv. विश्वविद्यालय की वार्षिक लेखा रिपोर्ट का अनुवाद । (प्रत्येक वर्ष लगभग 100 पृष्ठ)
v. विश्वविद्यालय की वार्षिक रिपोर्ट का अनुवाद (प्रत्येक वर्ष लगभग 400 पृष्ठ)।
vi. विश्वविद्यालय की विभिन्न सामग्रीयों का प्रत्येक वर्श लगभग 40 पृष्ठ का अनुवाद हिन्दी में किया गया।
vii. विश्वविद्यालय की वेबसाईट को हिंदी में किया गया।

viii. समय पर विभिन्न पॉवर प्वाइन्ट प्रस्तुतीकरण हेतु तीन माह में लगभग 70 स्लाइड का हिन्दी में अनुवाद किया गया ।

ix. परीक्षा अनुभाग एवं अन्य विभागों एवं अनुभागों से आने वाली सामग्री का अनुवाद हिन्दी में किया जाना।

x. विभिन्न कार्यक्रमों की सामग्री का अनुवाद हिन्दी में होना। अन्य पिछड़ा वर्ग के डेटा का अनुवाद,10 पृष्ठ।

3. हिन्दी प्रकोष्ठ के कार्य–

पिछले एक वर्ष में किए गए अनुवाद कार्य व अन्यन कार्यों का विवरण–

i. विश्वविद्यालय की वार्षिक रिपोर्ट का अनुवाद (लगभग 425 पृष्ठ)

ii. विश्वविद्यालय के वार्षिक लेखा रिपोर्ट का अनुवाद (लगभग 150 पृष्ठ)

iii. **समझौता ज्ञापन** का अनुवाद । (लगभग 100 पृष्ठ)।

iv. धारा 3(3) के तहत जारी होने वाले कागजातों का अनुवाद (लगभग 133 पृष्ठ)।

v. दैनिक कार्यो में प्रयोग होने वाले विभिन्न प्रपत्रों का अनुवाद जैसे– अवकाश, मेडिकल आदि।

vi. वेबसाइट की सामग्री का अनुवाद।

vii. विश्वविद्यालय में आयोजित हाने वाले कार्यक्रमों से सम्बुन्धित विभिन्न पी.पी.टी. के अनुवाद में सहयोग । (लगभग 50 पृष्ठ)

viii. विश्वविद्यालय की सभी उपाधियों (डिग्री) हेतु नाम का लिप्यंतरण ।

ix. हिंदी प्रकोष्ठ द्वारा आयोजित कार्यक्रमों में सहयोग प्रदान करना ।

x. हिंदी प्रकोष्ठ में प्राप्ति पत्रों को फाइल पर प्रस्तुत करना ।

4. राजभाषा कार्यान्वयन से सम्बन्धित कार्य–

i. हिन्दी तिमाही प्रगति रिपोर्ट का ऑनलाइन प्रेषण।

ii. विभागों कार्यालयों से तिमाही हिंदी प्रगति रिपोर्ट प्राप्त करना एवं उसे समेकित कर मानव संसाधन विकास मंत्रालय एवं राजभाषा विभाग को ऑनलाइन भेजना ।

iii. मंत्रालय द्वारा राजभाषा से सम्बन्धित माँगी गई सूचना का प्रेशण करना ।

iv. प्रत्येक तिमाही में विभागीय राजभाषा कार्यान्वयन समिति की बैठक आयोजित करना एवं उसमें राजभाषा कार्यान्वयन संबन्धी विषयों पर चर्चा करना ।

v. राजभाषा कार्यान्वयन हेतु कुलपति महोदय के अनुमोदन से आदेश जारी करना एवं अनुपालन की मॉनीटरिंग करना जैसे– धारा 3(3) का अनुपालन एवं सभी नामपट्ट, साइनबोर्ड, मोहर आदि को द्विवभाषी करना।

vi. सभी कम्प्यूटरों पर हिंदी में कार्य करने के लिए यूनीकोड उपलब्ध कराना ।

vii. सरल शब्दावली का ई–मेल के माध्यम से प्रेषण करना।

viii. दैनिक प्रयोग में आने वाली टिप्पणियों का प्रेषण करना ।

ix. पत्रावली प्रबन्धन हेतु आइ.एस.ओ. प्रणाली का प्रयोग किया जा रहा है।

x. हिन्दीत्तर भाषी शैक्षिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार के हिन्दी शिक्षण योजना के तहत प्रशिक्षण की व्यवस्था करना।

5. हिन्दी प्रकोष्ठ के समक्ष चुनौतियाँ–

i. हिन्दी पत्राचार का प्रतिशत बढ़ाना।

ii. हिन्दी वेबसाइट एवं कार्यालय आदेश का नियमित अनुवाद करना।

iii. मंत्रालय एवं यू0जी0सी0 को भेजने हेतु हिन्दी तिमाही रिपोर्ट को विभिन्न विभागों/अनुभागों से समय पर प्राप्त करना।

iv. वार्षिक प्रतिवेदन, लेखा प्रतिवेदन एवं विभिन्न बैठकों के कार्यवृत्त का समय पर अनुवाद करना।

v. प्रत्येक वर्ष सितम्बर माह में हिंदी पखवाड़ा का आयोजन।

vi. पखवाड़ा के दौरान विभिन्नम प्रतियोगिताओं और गोष्ठियों का आयोजन ।

vii. प्रत्येक तिमाही राजभाषा कार्यशाला का आयोजन करना ।

viii. तिमाही राजभाषा कार्यान्वयन समिति की बैठक का आयोजन करना।

6. राजभाषा कार्यक्रमों में भागीदारी–

i. नगर राजभाषा कार्यान्वयन समिति के बैठकों में सक्रिय भागीदारी ।

ii. अखिल भारतीय राजभाषाा संगोष्ठी में भागीदारी ।

7. हिन्दी प्रकोष्ठ की उपलब्धियां–

i. प्रत्येक वर्ष सितम्बर माह में हिंदी पखवाड़ा का आयोजन करना।

ii. वार्षिक प्रतिवेदन,लेखा प्रतिवेदन, सीएजी रिपोर्ट एवं बैठकों के कार्यवृत्त का शीघ्र अनुवाद करना।

iii. हिन्दी वेबसाइट एवं कार्यालय आदेश का नियमित अनुवाद करना।

iv. कोड, मैनुअल, प्रपत्र, प्रकिया और अन्य साहित्य का अनुवाद करना।

v. हिंदीत्तर भाषी कर्मचारियों को हिंदी प्रशिक्षण हेतु नामित करना।

8. प्रशिक्षण–

- हिंदीत्तर भाषी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार की हिंदी शिक्षण योजना के तहत हिंदी का प्रशिक्षण दिलाया गया।
- प्रशिक्षण हेतु कार्यशालाओं का आयोजन किया गया।

क्रम.सं.	नामित शिक्षक एवं कर्मचारियों की संख्या	नामित सदस्यों का पदनाम	प्रशिक्षण
1.	8	7 शिक्षक 1 कर्मचारी	प्रबोध हिन्दी प्रशिक्षण

9. हिंदी प्रकोष्ठ की भावी योजनाएं –

i. हिंदीत्तर भाषी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को भारत सरकार की हिंदी शिक्षण योजना के तहत हिंदी का प्रशिक्षण दिलाना।

ii. गृहपत्रिका का नियमित प्रकाशन।

iii. हिंदी पत्राचार के प्रतिशत को बढ़ाना।

iv. सभी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को राजभाषा नीति से अवगत कराना।

v. विश्वविद्यालय के प्रकाशन कार्य में सहयोग करना ।

UNIVERSITY WORKS DEPARTMENT

COMPOSITION OF THE BUILDING COMMITTEE FOR THE FINANCIAL YEAR 2022-23

S. No.	Name /Designation of the members	Status	Address
1.	Vice-Chancellor, BBAU, Lucknow	Chair man	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

Status of Financial & Physical Progress of works awarded to CPWD during financial year 2022-23:

(Rs. In Lakhs)

Sl. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation	Funds released during 2022-23	Status of work as on 31-03-2023
1.	Construction of 100 seated OBC Boys' hostel	328.00	0.00	60% work are completed
2.	Construction of 100 seated OBC Girls' hostel	328.00	0.00	90% work are completed
3.	Renovation and Raising of Boundary wall of University Campus	296.79	296.79	40% work are completed
4.	Construction of Lecture Hall Complex (EWS)	1589.17	0.00	Soil investigation has been completed. Layout plan has been finalized. Structural design is in progress.
5.	Construction of Savitribai Phule Girls Hostel at University Campus	1180.67	UP Govt.	71% work are completed
6.	Internal &External Painting and Maintenance (Civil work) of various buildings at BBAU	155.00	155.00	Expected to be completed up to Sept.,2023

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	Providing and fixing wash basin with pedestal at camp office	5,040.00	Completed	Civil
2	Replacement of damaged PVC water tank for Dr. Nitesh Verma residence B-Type	6,135.00	Completed	Civil
3	Construction of Aluminum Partition work at Dept. of D. Pharma at Satellite Campus Amethi	2,08,595.00	Completed	Civil
4	Replacement of broken toughened glass pan, 1 no. toughened glass door shutter at Examination Section	55,220.00	Completed	Civil
5	Replacement of damaged flush door shutter at residence C-2/2-1 of Shri Ravi Shankar, Cashier	8,800.00	Completed	Civil

6	Making Opening for entering the NMR Machine into the Building, supply and fixing of H frame with 03 tonne load carrying capacity and ceiling of 01 door and Providing Power point for UPS, compressor, Dryer, spectrometer etc and supply and fixing Exhaust Fan of NMR room chemistry department near SBBT.	2,08,851.00	Completed	Civil & Electrical both
7	Construction of profile shed to cover water tank & CC covering of GI water line at terrace of VC residence	9,649.00	Completed	Civil
8	Connection of 4 Nos. water cooler from existing RO plant with PVC pipe at Kanishka Boys Hostel	15,295.00	Completed	Civil
9	Construction of 01 No. brick pedestal to fix the Inaugural at Bodhi Park	7,840.00	Completed	Civil
10	Replacement of damaged GI water line by CPVC pipe for male and female toilet of I & II floor at SAS	16,118.00	Completed	Civil
11	Painting of platform and flag hosting pole at SES ground for Independence Day	6,057.00	Completed	Civil
12	पर्वेक्षण एवं प्रगति समीक्षा समिति (कैपिटल निर्माण कार्य) मेसम्मिलित सदस्यों के जलपान व लंच के लिए भुगतान कराने के संबंध मे	2,340.00	Completed	Civil
13	Sound proofing work of work of existing room of media Centre situated at RCA Building, BBAU, Lucknow	3,18,276.00	Completed	Civil
14	Construction of 01nos deep tube wells of 5 HP with shed for Botanical Garden at BBAU Lucknow	2,57,530.00	Completed	Civil
15	Making water points for Civil lab UIET building at BBAU campus Lucknow and Making power and Normal electrical Points for UIET Civil lab at BBAU campus Lucknow	85,102.00	Completed	Civil
16	Dismantling of brick wall at Department of Statistics	9,761.00	Completed	Civil
17	Providing and fixing of name plate at Registrar office & Supply of flex on occasion of Independence Day at BBAU campus Lucknow	6,082.00	Completed	Civil
18	Providing and fixing SS kitchen sink with drain and 01nos washbasin at VC camp Office	24,435.00	Completed	Civil
19	Internal Painting and Maintenance of Type-A-2/0-2 Residence	1,93,085.00	Completed	Civil
20	Supply of mattress for VC Camp office	23,250.00	Completed	Civil
21	Essential repair work in the B2-1/2 residence of Dr. Shivshankar Yadav B-type, BBAU, Lucknow Campus	9,157.00	Completed	Civil

22	Painting and lettering of Signage board of Horticulture farm	2,619.98	Completed	Civil
23	Aluminum Partition work under stair at ground floor, construction of Ramp at the entrance of the building and extension of platform in conference Hall at SAS Building	98,677.00	Completed	Civil
24	Painting and lettering of 08 nos. M.S. Hording & Display Board situated at various location of BBAU Boundary wall	78,521.00	Completed	Civil
25	Construction of aluminum partition work at NMR lab at SBBT Phase-IV building	1,47,788.00	Completed	Civil
26	Cleaning of water storage tank in various building of BBAU Campus	2,21,140.00	Completed	Civil
27	Supply and fixing of curtain cloths in FO Office, M.S. Gate and water point at A-2/0-2	15,620.00	Completed	Civil
28	Supply and fixing of toughened glass door shutter at Ambedkar Bhawan	11,446.00	Completed	Civil
29	Supply of anti-skid pvc mat VC camp office cum residence	6,812.00	Completed	Civil
30	Patch construction of interlocking floor in front of Ambedkar Memorial Park gate and maintenance of M.S. grating at old Adm. Block at BBAU, Lucknow Campus	41,709.00	Completed	Civil
31	Repairing of RCA gate in front of Ramabai Railly Sthal at BBAU Lucknow	19,195.00	Completed	Civil
32	P/F of MS gate replacement of damaged flush door shutter and glass panes of dormitory hall at Yashodhara Girls Hostel	20,932.00	Completed	Civil
33	Repairing of sewage leakage problems of all toilets at SBBT - II and SBBT- III building	2,67,836.00	Completed	Civil
34	Interior & Exterior Painting and civil maintenance of SBBT Phase-1 Building	9,96,737.00	Completed	Civil
35	Supply and fixing of curtain cloths, wooden partition panel in Registrar Office and S/F of curtain rod in 308 room and glass shelf at A-1/0-1	17,998.00	Completed	Civil
36	Minor repairing work of boys' hostel-2 at BBAU Satellite Centre Amethi	1,93,079.00	Completed	Civil
37	Painting of B-1/0-3 and office of 203 at Ambedkar Bhawan at BBAU, Lucknow	86,764.00	Completed	Civil
38	Internal & External painting and civil maintenance of Kanishka Boys Hostel	12,03,053.00	Completed	Civil
39	Repairing of A-1/0-1 Flat at BBAU, Lucknow	71,402.00	Completed	Civil
40	External painting and civil maintenance of Chitralekha Girls Hostel	1,62,189.00	Completed	Civil

41	Replacement of damaged shed and false ceiling with poly carbonate sheet and ACP of Dr. Ambedkar Bust at in-front of Auditorium BBAU, Lucknow	2,01,057.00	Completed	Civil
42	Internal & External painting and civil maintenance of Kanishka Boys Hostel	17,74,307.00	Completed	Civil
43	External painting and civil maintenance of Siddhartha Boys Hostel	5,83,828.00	Completed	Civil
44	Construction of half brick thick partition wall paintings of rooms and window sealed by ply board of Animal House at Old Adm. Building	2,02,388.00	Completed	Civil
45	External painting and civil maintenance of Sanghmitra Girls Hostel (Phase-1)	9,01,498.00	Completed	Civil
46	Dismantling of 1/2 brick partition wall old Deptt. of Mathematics at Old Adm. Block	12,760.00	Completed	Civil
47	Repairing of damaged door shutters, wire mesh shutter and patch painting of VVIP & VIP Guest House at BBAU, Lucknow	1,37,297.00	Completed	Civil
48	External painting of Boundary wall of Girls Hostel i.e. Sanghmitra Girls Hostel, Yashodhra Girls Hostel & Chitralekha Girls Hostel. (2) Painting and Civil maintenance of vehicle parking shed of Type A, B and C Residence, SES, Sanghmitra & Old Adm. Block parking shed. (3) Painting of Boundary wall and Grill/gate at Ambedkar Memorial Park. (4) Painting and repairing of Pragya Vatica Boundary wall at BBAU, Lucknow	9,88,164.00	Completed	Civil
49	Interior & Exterior Painting and Civil Maintenance Work in Type-B Residence	12,75,203.00	Completed	Civil
50	Exterior & Interior Painting and civil maintenance of Auditorium	12,83,365.00	Completed	Civil
51	Painting, supply and fixing of cloth curtain, wooden partition panel and maintenance of toilet at Room of COE Sir at Ambedkar Bhawan	32,434.00	Completed	Civil
52	Construction of Barbed wire fencing with angle iron port at Palm Garden and repairing & fixing of barbed wire on existing frame at Nanchiraiya Rose garden at BBAU	3,28,509.00	Completed	Civil
53	External painting of front facia of Health Centre and boundary wall including pump house	1,28,659.00	Completed	Civil
54	Internal & External Painting and civil maintenance of Old Administrative block complex	19,41,828.00	Completed	Civil
55	Internal & External Painting and Civil maintenance work of Sanghmitra Phase-2 Building at BBAU, Lucknow	13,27,222.00	Completed	Civil

56	Conversion Room into small cabin and class room of Deptt. Of Computer Science at Central Library	1,96,655.00	Completed	Civil
57	Civil maintenance and internal and external painting of type-C 1 & 2 Residence at BBAU Lucknow	8,97,850.00	Completed	Civil
58	Painting of Boundary wall of Guest House and MS Railing along internal road in the campus	3,76,891.00	Completed	Civil
59	External painting and civil maintenance of Ashoka Boys Hostel (Phase- 1&2)	17,17,742.00	Completed	Civil
60	Supply of the flex banner and standee for the 10th convocation	34,145.00	Completed	Civil
61	Providing and fixing of backdrop of ACP sheet and sun board at VC camp office board room and room of Hon'ble VC at Ambedkar Bhawan	26,793.00	Completed	Civil
62	Interior & Exterior Painting and civil maintenance of (G+1) double story building	3,16,121.00	Completed	Civil
63	Kerb stone with synthetic enamel paint from gate no. 1 to gate no. 2 for the convocation at BBAU Lucknow	1,97,874.00	Completed	Civil
64	Providing water line point inside the farm Horticulture Infront of Central Library	59,105.00	Completed	Civil
65	Replacement of damaged cupboard shutters &fixing of wire mesh on grill at Sanghmitra Girls Hostel Phase-2 at BBAU, Lucknow	1,93,697.00	Completed	Civil
66	Supply and refilling of fire extinguisher at BBAU Lucknow and Amethi Campus.	2,56,431.00	Completed	Electrical
67	Repairing of AC at SAS hall of BBAU Campus	17,700.00	Completed	Electrical
68	Servicing and repairing of Air conditioner installed at various department of BBAU Campus Lucknow	13,850.00	Completed	Electrical
69	Annual Maintenance contract (including servicing) of various (11 Nos.) D.G. Sets installed at BBAU Main Campus & BBAU Satellite Campus Amethi	6,05,280.00	Completed	Electrical
70	Rewinding and complete Repair of ceiling fans and exhaust fan of different department at BBAU campus Lucknow	81,630.00	Completed	Electrical
71	AMC of Lifts installed in Central Library	1,91,612.00	Completed	Electrical
72	AMC of Water Pumps	2,76,350.00	Completed	Electrical
73	Supply of kit kat cutout 100-amp dlx hpl	6,018.00	Completed	Electrical

74	Purchasing of Batteries for Lifts with Buy back of Batteries	51,194.00	Completed	Electrical
75	Payment of AMC	2,41,712.00	Completed	Electrical
76	Maintenance of RO Aquaguard	2,45,877.00	Completed	Electrical
77	Annual Maintenance contract (including servicing) of various (11 Nos.) D.G. Sets installed at BBAU Main Campus & BBAU Satellite Campus Amethi	6,05,280.00	Completed	Electrical
78	Supply of Decorative LED light for decoration purpose at BBAU Campus Lucknow	24,500.00	Completed	Electrical
79	Supply of Electrical Goods at BBAU	71,610.00	Completed	Electrical
80	Operations of Fire Hydrant, Fire Alarm & Sprinkler System & Refilling of Co2/ABC type fire extinguisher capacity 4/4.5 kg at Auditorium BBAU	24,800.00	Completed	Electrical
81	Hiring pf 02nos of 125KVA DG Set for convocation at Auditorium NNAU Lucknow	24,780.00	Completed	Electrical
82	Repairing of Cable Fault	23,093.00	Completed	Electrical
83	Repairing and servicing of water geyser of Hostels at BBAU Lucknow	21,189.00	Completed	Electrical
84	Supply of Miscellaneous electrical materials in urgent basis for fixing LED tube light and making electrical point at central library and other department of BBAU	24,605.00	Completed	Electrical
85	Supply and Installation of CCTV Camera of Proctor office at BBAU campus	6,809.00	Completed	Electrical
86	Supply of Electrical Goods for electrical maintenance work of street lights near Girls Hostel and Type B Residence at BBAU	18,800.00	Completed	Electrical
87	Hiring of Microphone for army band at Auditorium BBAU Campus Lucknow	4,985.00	Completed	Electrical
88	Finding electrical cable fault and making permanent joint near USIC building BBAU	20,134.00	Completed	Electrical
89	AMC of Centralize AC	10,11,800.00	Completed	Electrical
90	SITC of CAN type capacitors, contractor with provision of old material buyback ar substation no. 2 at BBAU campus	1,24,149.00	Completed	Electrical
91	Supply LED video Wall	43,68,394.00	Completed	Electrical
92	Annual Maintenance contract (including servicing) of various (11 Nos.) D.G. Sets installed at BBAU Main Campus & BBAU Satellite Campus Amethi	2,52,188.00	Completed	Electrical

93	Repairing and Servicing of stage light system for Auditorium BBAU Lucknow	1,84,967.00	Completed	Electrical
94	Revised Work Order for Comprehensive AMC of 2 Nos. Lifts installed at Central Library in the BBAU campus	1,96,517.00	Completed	Electrical
95	Extension of pipe length of 4 Nos. submersible pump in BBAU, Lucknow	71,561.00	Completed	Electrical
96	AMC of Water Pumps	2,29,800.00	Completed	Electrical
97	AMC of RO water treatment plant	1,62,510.00	Completed	Electrical
98	Supply of Electrical items for maintenance of High Mast installed at University Campus	3,28,040.00	Completed	Electrical
99	Supply of LED light for University Campus	1477510.00	Completed	Electrical
100	Replacement of old MHL fitting of High Mast by LED flood Light	854050.00	Completed	Electrical
	Total (Rs.)	**3,23,95,252.98**		

Miscellaneous works

1. Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.
2. 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.
3. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.
4. Meeting of the Building Committee was convened and support was given for other statutory body meetings.

Gautam Buddha Central Library (GBL)

1.0 Brief About the Central Library

The Central Library of Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow has named as Gautam Buddha Central Library after the name of Lord Gautam Buddha. The Library was established in January 1998 to promote knowledge and its application through effective dissemination of information and knowledge.

Figure 1: Gautam Buddha Central Library

The Library is governed by LAC (Library Advisory Committee). The LAC is an apex policymaking body which functions under the chairmanship of Vice-Chancellor. Presently, followings are the member of LAC:

1. Prof. D. R. Modi, (Dept. of Biotechnology) -Chairman (Hon'ble VC Nominee)
2. Prof. K. L. Mahawar, (Dept. of Lib & Inf. Sc.) - Member
3. Prof. Sarvesh Kumar Singh (Dept. of Hindi) - Member
4. Dr. Sunil Kumar Singh, (Dept. of Math) - Member
5. Dr. Vijaykumar, M. R. (Dept. of Pharma. Sc.) - Members
6. Students Nominees/Representatives - Academic Council's nominees
7. Dr. Sunil Goria - Member & Secretary

The Library provides information services and facilities to meet the requirement of the teaching, research and training programs of the University. During the period, the Library was opened for 301 days for the users'. The seating capacity of the Library is more than 400 users at a time. The library services are also open for the university 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 66404 print documents and it provides access to 7820 full-text online journals, 2323 perpetual access e-books and 210000+ e-books through eSS.

1.1 Location

The Library has been functioning in its two floors of newly constructed four storied building which is the central place of the University. The Library building consists of an area of 7917 sq.m.

1.2 Opening Hours

The Library remains open on each working day from 8:00 AM To 8:00 PM for its readers. On Saturday, it opens from 9:30 AM to 6:00 PM. The reading rooms of the Library open every day from 8:00 AM to 11:00 PM and during examination period it opens 18 hours in a day.

2.0 Sections of the Library

2.1 Acquisition Section: This section is responsible for the 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 the faculty members in selecting the new documents for procurement in the Library through the latest announcements, publisher's catalogues and bibliographies. During the year 2022-23, the section has purchased 2568 books. The total print collection available in the Library is 66404 documents. The details of books/collection are mentioned in the Table-1. The Library has subscribed e-Books on perpetual access model form various publishers i.e. Taylor & Francis, Cambridge University Press, Oxford University Press, CBS Publishers, Elsevier, Orient BlackSwan, Mcgraw Hill, BSP Books/PharmaMed Press, PHI Learning, Sage, Springer, Wiley, WT e-Books, Taxman, New Age, Pearson, etc.

Table 1: Books Purchased during 2022-23

S. No.	Items	Total
1	Books Purchased	2568
2	Book Purchased for Amethi Campus	823
3	E-Books purchased on perpetual access	213
4	Expenditure on e-Books (Perpetual Access)	1315917

5	वर्ष में क्रय की गयी **हिन्दी पुस्तकों की संख्या**	491
6	Expenditure of Books	3963682
7	Expenditure on Book for Amethi Campus	364130
8	Books Received by Donations (Gratis)	216

2.1.1 Procedure for Purchasing of Book: The following procedure has been adopted for procurement of books for the Library.

- **Through Recommendation**: Books recommendation form 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.

2.2 Technical Section: After the acquisition of the documents, the technical processing work i.e. classification and cataloging has been done by technical section for easy access of the documents. The 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 the section has been processed 2797 documents including book, gratis books and theses. Further these documents have also been processed by RFID tagging and pasting of EM strips for issue-return through self-check-in/check-out kiosk. The Library has been participated in IndCat union catalogue project of INFLIBNET and submitted the bibliographic records of GBL catalogue to the IndCat.

Figure 3: Technical Processing and Accessioning of Books

2.3 Circulation section: The section provides membership and issue-return of documents to the students, faculties and other staffs of the University. The section has enrolled/renewed 2458 members (including faculty, students and staff of the University) of the Library in the year 2022-23. The details of library membership are mentioned in Table-2 and table 3.

Figure 4: Circulation Section

Table 2: Total Membership of the Library as on 31/03/2023

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	1793	1068	2861
2	P.G. Students	1497	1200	2697
3	Ph.D. Scholars	472	400	872
4	Faculty	186	59	245
5	Non-Teaching	135	14	149
Grand Total		**4083**	**2741**	**6824**

Table 3: New Membership in 2022-2023

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	424	306	730
2	P.G. Students	815	606	1421
3	Ph.D. Scholars	110	103	213

4	Faculty	52	12	64
5	Non-Teaching	30	0	30
Grand Total		**1431**	**1027**	**2458**

Figure 5: Security Gates at Circulation Section

Books are issued from circulation section to the library users according to their privileges (as given in Table-4) from 8:30 AM to 7:30 PM on all working days. The self-issue-return Kiosk is also used by the library user.

Table 4: Borrowing Privileges

S. No.	Category	Privileges	No. of Days
1	Faculty	8	One Semester
2	Group "A" Officials	3	30
3	Research Scholars PhD.	4	15
4	PG/UG Students	2	15
5	Others	2	15

The books issued and consulted during the financial year 2022-23 are mentioned in Table-5.

Table 5: Circulation Transaction during 2022-23

S. No.	Items	Total
1	Book issued	**20163**
2	Books consulted in the Library	**403450**
3	No. of users consulted the Library	**102428**
4	Miscellaneous Charges collected in rupees	**68768**
5	Total Membership	**2458**

2.4 Periodical section: The section subscribes journals, newspapers, and magazines. The section subscribed 69 print journals, 25 magazines and 21 newspapers for the year 2022-23. An amount of Rs. 34939/- 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, 11574 users visited in the section. The Library has received 30 journals through gift. The Library purchased journals and magazines by spending Rs. 328138. The details of periodicals are given in Table-6.

Table 6: Print Magazines, Newspapers and Journals for the year 2022-23

S. No.	Items Available	Language			Total
		Hindi	English	Urdu	
1	Newspapers	11	8	2	21
2	Magazines	07	18	-	25
3	Print Journals	01	68	-	69
4	Print Journals (Gifted)	9	21	-	30
5	Annual Reports & Survey	3	07	-	10
6	Faculty Publications	03	147	-	150
Total		**34**	**269**	**2**	**305**

2.5 Cyber Section/e-Library: 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, 8261 students and faculty members visited in the section.

2.6 Thesis and Dissertation Section: The Library has a separate theses section to organize the thesis collection of the University. A total number of 1987 of theses (784) and dissertations (1203) are available in this section of various departments of the University. A total number of 136 thesis and dissertations are processed during the year 2022-23 and during the same period, 1128 students and research scholars have visited the section. The section has submitted a total of 485 (37 in 2022-23) e-theses in the Shodhganga repository of INFLIBNET.

2.7 Braille Section: The Central Library is well equipped with the facilities for the PWDs (Person with Disabilities i.e. Divyangjan) students and staff. The Library has two ramps in both sides of entry gates of library for the PWDs. The library has two lifts for moving one to another floor of the Library that gives priorities to convenient PWDs. The Library has setup a Braille Section for the visually differently abled and low vision students for providing them reading and listening facility in their studies with the help of following equipment, hardware and software. The Braille section also opens for the students/people from the other universities and colleges.

Table 7: Braille Equipment

S. No	Braille Equipment Available in the Central Library	Qty.
	Brailler	2
	Next Generation Brailler	2
	Screen Reader with Super Nova Software for Magnifier & Book Reader with Speech.	3 users
	Large Print Key Board	5
	Clevy Keyboard	5
	Desktop Video Magnifier with Speech (with 17" or above coloured monitor)	1
	Refreshable Braille Display (40 cell) with 32 GB SDHC card	1
	Daisy player & Recorder with Hindi TTS	5
	Close-up & Near Distance Digital magnifier with image saving 5HD	4
	Mouse magnifier	4
	Thermoform Machine with 200 Braille on Sheets	1
	Computer System with Installation of Speech Software with Internet Connectivity.	5

2.8 RFID System: Radio-frequency identification (RFID) along with Electromagnetic (EM) system has 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 the modern libraries. RFID tagging of the all the documents have done in the Library. The BBAU logo has also 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. SIP2 protocol has integrated with latest KOHA Library Management System. 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. The RFID tags and EM strips are enabled on all the procured documents during the year. The following RFID and EM items have been installed in the Library. The RFID Kiosk and Library security gate is shown in the figure-12.

Table 8: RFID Equipment

S. No	RFID Supports Peripherals	Qty.
1	RFID staff workstation	2
2	EM staff Workstation	1
3	Library Security Gate for Tattle Tape	1
4	Hybrid (RFID+EM) Self Check-in and Check-out Kiosk	1
5	Portable Handheld RFID Reader with Antenna Cordless Digital Library Assistant	1
6	RFID Card Printer	2
7.	RFID Tags along with BBAU Logo	70000
8.	EM Security Strips/Tattle Tape	70000
9.	Smart cards/Mifare cards	14000

Figure 12: RFID Equipment

2.8.1 Smart ID cum Library Card: The library smart cards are essential for all the library users for self-issue-return of documents in the RFID system. The Central Library has taken initiatives for combining of student smart identification (ID) cards with smart library cards with the direction of competent authority. Now, the Library has been preparing Smart ID cum Library cards for the students and faculties of the University. During the year, the **2458** Smart ID cum Library cards were prepared and distributed to the library users by the Library. The smart card printer and smart ID cum library card are shown in the figure-13.

Facilities and services available in the Library

3.1 **Reprography or Xeroxing:** The Library provides Xerox facilities in the library premises at a nominal cost of Rs. 0.80 per page through private firm. Print out from digital files has also been provided through this service.

3.2 **Circulation:** The issue and return of the documents service is provided to the users from the circulation counter of the Library. The staff of circulation section helps to the users in self-issue-return of the documents through RFID systems.

3.3 **Document Delivery Service** (DDS): The Library provides a hard/soft copy of articles to the users under DDS.

3.4 **Hindi Prakosth:** The Library also extended its services in the form of *'HindiPrakosth'* for encouraging use of Hindi collection of books.

3.5 **Email Alert:** The Library uses email librarian@email.bbau.ac.in to provide alert services such as overdue of books, etc. to the users.

3.6 **E-resources access service:** E-Resources access facility has been provided to the University fraternity through 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.

3.7 **Reference service:** The reference service is provided to students, faculties & other users for locating of required documents and consultation of various digital resources of the Library.

3.8 **Research Floor:** This service started for the research scholars and the faculty members of the University. Presently, this section has seating capacity for 50 scholars and faculty. The section opens up to 11:00 PM on all days.

3.9 **Toppers' corner:** This service is unique in its nature. The answer sheets of the students, who are the topper in their department, are kept in this section for the consultation by the library users.

3.10 **New Arrival:** The Library has been providing new arrival facility through display of the newly acquired documents. New arrivals' information have also been provided through OPAC.

3.11 **Faculty Publication:** This service dedicated to the faculties of the University, where they can display their research publications. The 152 articles including book chapters have been displayed in the section during the year.

3.12 **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. The Library has also been checking plagiarism/similarity for e-

thesis and e-articles of the University fraternity. During the year, the plagiarism/similarity of total **7058** documents (1633 documents through Ouriginal and 5425 documents through iThenticate) plagiarism detection tools were checked by the Library.

Table 9: Use of iThenticate & Ouriginal PDS

Name of Software	Year	Apr '22	May'22	Jun' 22	Jul' 22	Aug '22	Sep' 22	Oct' 22	Nov '22	Dec' 22	Jan' 23	Feb' 23	Mar '23	Total
URKUND	2022-23	114	498	186	99	159	84	52	82	164	67	47	81	1633
iThenticate	2022-23	321	553	389	545	468	439	615	468	543	370	336	378	5425
Total		**114**	**498**	**186**	**99**	**159**	**84**	**52**	**82**	**164**	**67**	**47**	**81**	**7058**

3.13 **Information Literacy Program:** Under information literacy program, the Library has been provided library orientation to the students and research scholars about the library services and library resources. Under information literacy program, various trainings have been organized by the Library for students, research scholars and faculties of the University. During the period, following Information Literacy and Training Programs are Conducted by the Library.

Online Training Program on ILMS on 19/04/2023: The Library has organized an Online Training on INFLIBNET Learning Management Service (ILMS) on 19/04/2023 from 03:00 PM - 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 Access eBooks of McGraw Hill Education Collection" on 18/07/2022: The Library has organized an Online Training Program on "How to Access eBooks of McGraw Hill Education Collection" has organized by the Library on 18/07/2022 at 3:30 PM via Zoom platform for students, research scholars and faculties of the University

3.14 **Library Automation:** The Library is automated by using an Open Source Software namely KOHA. Automation work in several sections such as circulation, technical and periodical section has been done with the help of KOHA. Retrospective conversion of all the documents in MARC-21 through KOHA Library Management System is done by in-house staff. The Library catalog through Web-OPAC is accessible for the users from the web address https://www.gbl.bbau.ac.in:8001/. The Library has implemented RFID system and smart library card system in the Library.

3.15 **Website of the Gautam Buddha Central Library:** The Library has developed a website of the Gautam Buddha Central Library. All the e-resources of the Library have been integrated with the 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 the BBAU website for convenience of the users.

3.16 **BBAU Institutional Repository:** Institutional Repository of Babasaheb Bhimrao Ambedkar University (BBAU) has been developed by covering of research publications of BBAU in the form of articles, thesis, dissertations, annual reports, etc. In the repository, 485 e-theses and dissertations have been uploaded. During the year, 144 e-theses and dissertations were uploaded in the repository. Users may access the repository from the web address http://172.34.0.12/jspui/

3.17 **Use of e-Resources:** The usage of e-Resources has been obtained from InfiStats of INFLIBNET. The data shows that during the period, **146892** 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).

Resource	APR'22	MAY'22	JUN'22	JUL'22	AUG'22	SEP'22	OCT'22	NOV'22	DEC'22	JAN'23	FEB'23	MAR'23	Total
American Chemical Society	59	57	17	15	35	2	2	20	99	166	151	115	738
Institute of Physics	63	43	21	38	37	69	27	60	40	11	32	31	472
JSTOR	3082	2421	1892	2078	2807	2015	2350	3468	2411	2302	2763	4509	32098
Nature	315	460	427	297	227	329	356	333	297	347	389	522	4299
Oxford University Press	116	91	86	80	79	102	44	125	410	328	397	454	2312
Project Muse	48	27	50	56	38	29	25	51	34	61	130	58	607
ScienceDirect	1507	2123	1186	1282	1418	1127	1052	1288	1131	2208	1707	1784	17813
Springer Link	6120	6381	6025	4770	4158	4825	4742	4854	4789	6137	5908	5498	64207
Taylor and Francis	1306	1723	896	1099	1220	1154	1217	1349	1190	1646	1369	1450	15619
Wiley-Blackwell	1091	1108	660	586	640	651	619	918	767	223	293	1171	8727
Total	**13707**	**14434**	**11260**	**10301**	**10659**	**10303**	**10434**	**12466**	**11168**	**13429**	**13139**	**15592**	**146892**

Table 10: Usage of e-Resources

3.18 INFED Remote Access System: The Central Library provides remote access of more than 7820 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 **4605** 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.

4.0 Online E-resources

The Library provides access to two bibliographic databases (Table-11) and 7 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 7820 full-text e-journals has been provided to the users. The subscribed 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.	American Chemical Society	72
ii.	Economic & Political Weekly	1
iii.	JSTOR	3165
iv.	Oxford University Press	262
v.	Project Muse	676
vi.	Springer Link	2565
vii.	Taylor and Francis	1079
		7820

Table 13: Subscribed e-Resources

S. No	Name of the Databases/e-Journals Subscribed	No. of Full-Text e-Journals-e-Books
1	DELNET Pharmacy e-Journals	242
2	iThenticate Anti Plagiarism Software	1000 users
3	E-Books (Perpetual Access)	2323

5.0 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 Lakhs), ICT enabled infrastructure for online Learning & Perpetual E-Resources (Rs. 25 Lakhs) and Other Infrastructure including Furniture & Fixture (Rs. 15 Lakhs) from the University, out of which an amount of Rs. 74.95 Lakhs has expended by the Library. The breakup details of expenditure is given in table 14.

Table 14: Library Expenditure for the year 2022-23

S. No	Name of Budget Heads	Expenditure incurred 2020-21 (INR in Lakhs)	Total Allocation of Budget (INR in Lakhs)
1	**Books & journals**		**50.0**
i	Print Books	3963682	
ii	Print Journals	328138	
iii	e-Books (Perpetual Access)	708180	
2	**ICT enabled infrastructure for online Learning & Perpetual E-Resources**		**25.0**
i	iThenticate (Turnitin) Anti-Plagiarism Software	503408	
ii	INFED Remote Access	49560	
iii	ILMS Hosting Services	70800	
iv	Photocopy Machine	127236	
v	10 KVS Online UPS	498650	
vi	e-Books (Perpetual Access)	607737	
3	**Other Infrastructure including Furniture & Fixture**	151000	**15.0**
i	Book Stoppers		
ii	Library Furniture	487200	
Total		**7495591**	**90.00**

6.0 The Library at a Glance

The statistics at a glance of the Library for the year 2022-23 has given in the following table-15.

Table 15: Library at Glance for the year 2022-23

S. No.	Items	Total	Sections
1.	Books Purchased	2568	**Acquisition and Technical Section**
2.	Books Purchased for Amethi Satellite Centre	823	
3.	E-Books Subscribed	213	
4.	वर्ष में क्रय की गयी हिन्दी पुस्तकों की संख्या	491	
5.	Books received by Gratis/Donation	216	
6.	Expenditure on Books (In Rs.)	3963682	

7.	Expenditure on Books for Amethi Satellite Centre (In Rs.)	364130	
8.	Expenditure on Journals (In Rs.)	328138	
9.	Expenditure on e-Resources (Perpetual Access) (In Rs.)	1315917	
10.	Approximate value for received donated books (In Rs)	96808	
11.	Total number of Documents Technically Processed	2797	
12.	Full-text online journals accessible	7820	
13.	Bibliographic Databases	02	**Periodical Section**
14.	Print Journals Subscribed	69	
15.	Print Newspapers subscribed	21	
16.	Print Magazines subscribed	25	
17.	Expenditure on e-Journals and online databases (In Rs.)	Via e-SS	
18.	Number of Visitors in Periodical section	11574	
19.	Expenses on Newspapers	34939	
20.	Faculty Publications Displayed	150	
21.	Number of Gratis/ Gifted Journals Received	30	
22.	Seating capacity of users	360	
23.	Number of Registered users of Library	3426	**Circulation Section**
24.	Books issued to the Users	20163	
25.	Number of Books Consulted in library	403450	
26.	Users consulted in the Library	102428	
27.	Total Number of Smart ID cards Prepared	2458	
28.	New Registration of Users	2458	
29.	Miscellaneous Charges collected (in INR)	68768	
30.	Number of articles/documents downloaded/used from e-Resources	146892	
31.	Documents uploaded in **URKUND** Antiplagiarism Software	1633	**Cyber Section**
32.	Documents uploaded in **iThenticate** Antiplagiarism Software	5425	
33.	Number of Visitors in the Cyber/e-Library section	8261	
34.	Number of Computers in the Cyber Section	25	
35.	Number of Theses Uploaded on Shodhganga	485	
36.	Number of hits on Library Website	29408	
37.	Numbers of Theses uploaded in the IR of University	144	
38.	Remote login IDs & Password Provided to the Users	4605	

39.	Number of Theses Available	1987	
40.	Theses & Dissertations Received from Examination Section	136	**Theses Section**
41.	Processed Theses & Dissertations	136	
42.	Visitors in the Theses Section	1128	
43.	Number of days Library opened	301	
44.	Information Literacy Program/webinar/workshop Conducted	02	**Others**
45.	Use of e-Resources	146892	
46.	Faculty Publications Displayed in Library	150	
47.	Total Number of Books as on 31/03/2023	66404	

7.0 Library Staff

i. Dr. Sunil Goria, University Librarian – Overall administration, supervision and management of the University Library System, Implementation of ICT in the Library, etc.
ii. Dr. Om Prakash Saini, Assistant Librarian - In-charge of Periodical Section, Circulation Section, Photocopy Service, Braille Section and Maintenance of the Library.
iii. Dr. Nitesh Kumar Verma, Assistant Librarian -In-charge Cyber Section and Library Websites.
iv. Mr. R.K. Gupta, Personal Secretary to the Librarian - All the works related to the Library Office and management of library files.
v. Mr. Amit Kumar Verma, Professional Assistant - All job related to circulation Section i.e. membership Smart ID Cards, reference service, and usage RFID systems operations, etc.
vi. Mrs. Rina Kumari, Library Assistant - Assist in Acquisition and Technical Processing,
vii. Mrs. Avinash Kaur, Library Assistant - All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders, reference service.
viii. Mrs. Satvinder Kaur, Library Assistant -All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders, reference service.
ix. Mr. Daya Shanka, Library Attendant - Replacement of books.
x. Mr. Deewan Singh, MTS.
xi. Smt. Sunita, MTS

8.0 Publications/Membership

i. Goria, Sunil. Standing Committee Member of Government Libraries Section for 1st Term: 2020-2023, *The **I**nternational **F**ederation of **L**ibrary **A**ssociations and Institutions (IFLA). Netherland.*

Other Backward Classes Cell

The OBC Cell of Babasaheb Bhimrao Ambedkar University was constituted with Office order no. 1905/BBAU/2019 on 22/11/2019. The OBC Cell is a special cell to look into the matters of OBCs students and staffs of the institutions which was constituted in accordance with the XI plan guidelines of the UGC.

The OBC Cell of Babasaheb Bhimrao Ambedkar University was established with the purpose of empowering, 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. 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.

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

Office Infrastructure

1. OBC Cell has been allotted Room no. 308, 3rd floor of Ambedkar Bhawan of the University with furniture's and office equipment.
2. Official E-mail ID has been created for the cell.
3. Official OBC Cell link created on University website.

RESIDENTIAL COACHING ACADEMY

Dear Academy Aspirants,

Residential Coaching Academy was established in Babasaheb Bhimrao Ambedkar University, Lucknow in 2009 and academic Activities started in 2010 as UPSC resident coaching academy (By an Act of Parliament 1994) with the objects of promoting SC/ST/Minority marginalised section and for the women of the marginalised section to provide education for different competitive examinations viz. UPSC/UPPSC/UPSC (J)/Banking/RRB/SSC etc. To provide the advance lectures by different Ex-IAS officers and experts of different subjects from Government and Commercial Civil Services Coaching academies.

With above objectives, the Residential Coaching Academy, Babasaheb Bhimrao Ambedkar University, Lucknow has started its academic programmes which have employment potential and relevant for the development of Indian Marginalised Society.

This academy offers different competitive programmes or courses. The students are admitted through All-over India Entrance Test conducted at different centres purely on the basis of merit subject to the reservation policy of the University. We have built-up some good infrastructure such as RCA Administrative–Cum-Residential Block, School buildings, Women Cell, Day Care Centre, BBAU Service Scheme, NCC, Laboratories including Computer labs, Library, Students Hostel, Guest House, VC residence, staff quarters etc. We endeavour to make this academy a centre of academic excellence contributing to the growth of the higher education relevant for the development of Indian marginalised society.

Wish you all success

Yours

Prof. Sanjay Singh
Vice Chancellor
Babasaheb Bhimrao Ambedkar University
Lucknow

Dear Civil Service Aspirants,

Sir Edmund Hillary who was amongst the first to conquer the unconquered Mount Everest once told, "You don't have to be a hero to accomplish great things. You can just be an ordinary chap, sufficiently motivated to reach challenging goal.....My abilities have not been outstanding, but I have had sufficient strength and determination to meet my challenges and have usually managed with success with them". My ambition is to be prepared IAS officers to every aspirant who have joins the Residential Coaching Academy like climbing Mount Everest which was almost next to impossible.

Most of you may be ordinary youngsters with Himalayan dreams to conquer. Welcome to Residential Coaching Academy. I along with few Civil Service officers have teamed up with the subject experts of the day, to give you the best coaching module possible. The course modules of optional and General Studies have been meticulously designed to cater to the changing analytical patterns of UPSC examination in a successful manner. Each and every one of you will be given individual attention and guidance in accordance to your strong and weak areas.

Your IAS ambition may look like unconquerable Mount Everest if you keep seeing rather than start climbing. Start climbing with us hand and we would handhold you to make you realize that it is like any other mountain if you climb systematically. I am available full time in Residential Coaching Academy to guide you. I along with my team will make your journey to Residential Coaching Academy as simply as possible.

Wish you all success

Yours,
Prof. Surinder Kumar
Director
Residential Coaching Academy
Babasaheb Bhimrao Ambedkar University

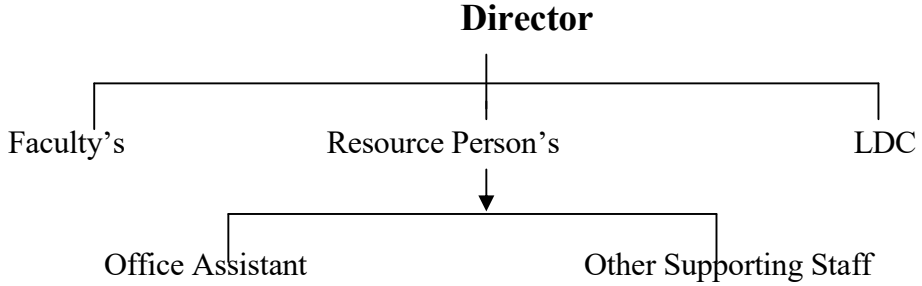
Prof. Surinder Kumar
Director, RCA

1. Introduction

Residential Coaching Academy (RCA) has been sponsored by the University Grants Commission, New Delhi to nourish the requirement of the aspirants for various competitive exams. RCA is established with a motto of nurturing the aspirants of various competitive exams belonging to Women and socially marginalized classes viz., SC, ST's and Minorities with residential facilities during their coaching period. The competitive exams include Union Public Service Commission, State Public Civil Services Commission, Uttar Pradesh Public Service Commission (Judiciary), Railway Recruitment Board, Staff Selection Commission and other similar exams.

The RCA is having exclusive infrastructure in BBAU campus separate building with state of the art facilities for competitive exams includes audio-visual class rooms, seminar hall, and computer lab with Wi-Fi facility. It also includes exclusive library with books for competitive exams, magazines, News Papers and study material etc. RCA is having a separate boy's hostel. It is also having a separate hostel for boys of 100 candidate's capacity. The hostel building for girls is yet to be sanctioned by UGC. Till then girls is accommodating at the University Girl's Hostel. The coaching classes are conducted by highly qualified professionals in the field of competitive exams.

2. Academy Profile:-



Staff:-

S. No.	Name	Designation
1.	**Prof. Surinder Kumar**	Director, RCA
2.	**Dr. Yuvana Satya Priya**	Assistant Prof., RCA
3.	**Mr. Rohit Dhanuk**	LDC, RCA

3. Courses Offered:-

Residential Coaching Academy provides Coaching Classes for following Competitive Exams:-

- **Union Public Service Commission (Prelims and Mains)**
- **Uttar Pradesh Public Service Commission (Prelims and Mains)**
- **Uttar Pradesh Public Service Commission (Judiciary)**
- **Staff Selection Commission**
- **Banking Recruitment Board**
- **Staff Selection Commission Etc.**

4.Students' admission to RCA, BBAU.

a. Admission process

- Advertisement for the admission was held on **28.01.2020** in National Dailies.
- Last date for receiving application was on **05.02.2020**
- National Level Entrance Exam was conducted in Lucknow and Delhi on **28.02.2020**
- Total number of applications received from the eligible candidates **- 496.**
- **DUE TO PENDAMIC COVID -19 (CORONA) THE ADMISSION PROCESS IS STOPPED.**

b. RCA has notified in National Dailies and Employment News for inviting applications from eligible candidates for providing a coaching classes under various programs (UPSC-CSAT, SSC, RRB and Banking) from 2011-12 to 2015-16. The candidates were admitted after conducting the National Level entrance test. The details of the students availed the coaching facilities in RCA, BBAU are presented as follows.

Sl. No.	Year	Appeared in Entrance Test	SC	ST	Women	Minorities	Total admitted students
1	2011-12	-	10	01	29	03	**43**
2	2012-13	153	47	-	45	13	**105**
3	2013-14	167	35	02	42	06	**85**
4	2014-15	217	67	01	26	06	**100**
5	2015-16	274	44	02	43	10	**99**
6	2016-17	598	52	01	41	06	**100**
Grand Total		**1409**	**255**	**07**	**226**	**44**	**532**

- There was a good response by the candidates and received 1409 applications. After the preliminary scrutiny by the faculty members 532 candidates were admitted for the different programs during 2012-2017.
- The candidates were belonging to SC (255), ST (07) categories and Minorities (44) and women (226) were availed the coaching.

c. The program-wise details are provided as follows.

Sl. No.	Year	UPSC (Prelims)	SSC/Banking /RRB	Total
1	2011-12	33	10	43
2	2012-13	70	35	105
3	2013-14	34	51	85
4	2014-15	65	35	100
5	2015-16	72	27	99
6	2016-17	82	18	100
Total		**356**	**176**	**532**

- 356 were trained to attend UPSC and UPPSC (Civil Services) exams and 176 were trained to take a Staff Selection Commission/Railway Recruitment Board/Institute of Banking Personnel Selection exams.

d. RCA, BBAU admitted to the students from all over the country, the state-wise details is as follows

Sl. No.	Year	UP	MP	JH	CH	New Delhi	TN	KA	J&K	TL & AP	Total
1.	2011-12	43	-	-	-	-	-	-	-	-	**43**
2.	2012-13	104	-	01	-	-	-	-	-	-	**105**
3.	2013-14	83	01	-	-	-	-	-	-	01	**85**
4.	2014-15	91	-	01	01	01	02	01	01	02	**100**
5.	2015-16	92	01	-	-	04	-	-	-	02	**99**
6.	2016-17	100	-	-	-	-	-	-	-	-	**100**
Total		**513**	**02**	**02**	**01**	**05**	**02**	**01**	**01**	**05**	**532**

- The candidates were belongs to Uttar Pradesh (513), Madhya Pradesh (02), Jharkhand (02), Chhattisgarh (01), New Delhi (05), Tamil Nadu (02), Karnataka (01), Jammu & Kashmir (01), Telangana and Andhra Pradesh (05) states.

e. The student are accommodated in the University Campus

Sl. No.	Year	Boys Hostel	Girls Hostel
1.	2011-12	-	-
2	2012-13	37	-
3	2013-14	23	9

4	2014-15	54	13
5	2015-16	44	21
6	2016-17	56	34
Total		**214**	**77**

214 Boys' were accommodated in the newly constructed RCA Boys' Hostel during 2012-13 to 2016-17. 77 RCA Girls were accommodated University Teachers' Residential quatrous because there is no enough Girls hostel in University. Therefore, there is a urgent need of constructing a RCA Girls.

4. Outcome of the coaching program.

The list of the successful candidates in various exams as follows

Sl. No.	Year	Students Qualified in various Competitive Examinations
1	2011-12	16
2	2012-13	7
3	2013-14	9
4	2014-15	10
5	2015-16	14
6	2016-17	07
Grand Total		**63**

Students Achievements

The following candidates qualified for various jobs under different Board and selection Commission

Sl. No.	Union Public Service Commission (Prelims)	Year
1.	Ramesh Kumar R.	2015
	Uttar Pradesh Public Service Commission (Civil Service)	
2.	Milind Sen	2016
3.	Shiv Kumar	2016
	Uttar Pradesh Public Service Commission (other exams)	
4.	Pradeep Kumar	2012
5.	Dinesh Kumar Verma	2012
6.	Sharada Devi	2012
7.	Imran Khan	2012
8.	Jitendra Bahadur	2013
9.	Mirdula	2013
10.	Istikhar Ali	2013
11.	Anupam Gupta	2013
12.	Amarjeet Kumar	2015
13.	Juhi Tiwari	2015
14.	Arvind Raj	2015
15.	Ranu Dhariwal	2016
16.	Amit Kumar Rajvansi	2016
17.	Praveen Kumar Ekka	2016
18.	Sunita Yadav	2015
19.	Pooja Singh Yadav	2015
20.	Shiva Dwivedi	2015
	Staff Selection Commission (SSC)	
21.	Poonam Yadav	2012
22.	Abhishek Chaudhary	2012
23.	Manoj Kumar	2012
24.	Jitendra Kumar	2012
25.	Ranjana	2012
26.	Bhanu Pratap	2012
27.	Vikash Kumar	2012
28.	Ankita Tiwari	2012

29.	Nishant Gautam	2012
30.	Heikam Farida Devi	2012
31.	Roshan Kumar Gautam	2013
32.	Kamendra Singh	2013
33.	Kul Kamal Raj	2014
34.	Ravi K Singh	2014
35.	Shishant Kumar	2016
36.	Harijan Raju	2016
37.	Amarnath	2017
	Institute of Banking Personnel Selection (IBPS)	
38.	Shailesh Kumar	2012
39.	Alka Verma	2012
40.	Anand Kumar	2014
41.	Abhinaya Kumar Gautam	2014
42.	Anil Kaushal	2014
43.	Vikash Kumar Singh	2014
44.	Kul Kamal Raj	2014
45.	Ambarish Gautam	2015
	State Bank of India (Prelim)	
46.	Shishant Kumar	2016
47.	Himanshu Verma	2016
48.	Shweta Shukla	2016
49.	Gyanendra Kumar Roa	2016
	NABARD	
50.	Vikas Kumar Singh	2014
	Bachelor of Education (B.Ed.)	
51.	Anand Kumar	2013
52.	Jagat Narayan	2017
	Uttar Pradesh Sub-ordinate Service Selection Commission (UPSSC)	
53.	Anand Kumar	2016
	Food Corporation of India (FCI)	
54.	Durvendra	2015
55.	Gujjarlapudi Asservadam	2015
	Agriculture Scientists Recruitment Board ASRB)	
56.	Juhi Tiwari	2014
	Staff Selection Commission (CGL)	
57.	Ravi Kumar Singh	2016
58.	Harijana Raju	2016
59.	Amarnath	2017
60.	Jagat Narayan	2017
61.	Naveen Kumar	2017
62.	Popin Kumar	2017
63.	Praveen Kumar	2017
64.	Sushil Kumar Brahmiya	2017
65.	Vineet Kumar	2017

6. Infrastructure Improved

In the stream light or in the period of the newly appointed Director, Prof. Ram Chandra the RCA has been developed rigid infrastructure for RCA.

i) RCA Library:-

- From the early start-up i.e from 2011 to 2015 in the RCA Library limited facilities has been available for the competitive examinations. RCA Library has, At the time of taking charge by the present Director (i/c), only **1200 books** were available in the RCA Library. With the hard working of Prof. Ram Chandra, as a Director the hard task of the Reformation of Library with furnished and

fully Air-condition facility and glass book shelves' has been completed. Now **2569 books** exclusively with competitive exams related books, 10 magazines (Hindi and English) are subscribed and procuring 5 National dailies newspapers.

ii) RCA Class Rooms:-

- Reformation of the classrooms into smart class rooms with Projector mounting and providing Laptop in each class with proper furniture's, and fully AC.

iii) RCA Computer Lab.:-

- Reformation of the RCA Computer lab with maintaining/establish (UPS) proper back up support for 18 desktop with Wi-Fi facility.

iv) RCA Boys Hostel:-

- There are 52 rooms are constructed with 2 boys sharing basis in each room. The RCA Boys Hostel is also having a common dining hall and recreation hall.
- The RCA Boys Hostel rooms are furnished with 2 sets of cot, bed, table and chair in each room.
- Reformation of Hostel Recreation hall with modern Gym equipments and **LED TV with DTH, HD connection.**
- Reformation of **Co-operative Mess Facility** and it also good furnished and maintaining a hygeniecity.
- Reformation of drinking water facilities providing newly **Water-Cooler with RO machine**. Fire extinguisher is installed in both RCA administrative cum class room building and Boys hostel.
- Security guards are deputed around the clock in both RCA administrative cum class room building and Boys hostel.
- Beautification has done in the RCA premises and outside the premises also maintain it by hiring a one Gardener. Timely SWACH BHARAT PAKHWARA has been organized to maintain it.
- One plumber and one electrician are outsourced for looking after the water and electricity related issues in both buildings.

v) RCA Girls Hostel:- RCA Girls hostel has been run in University A-types quarters.

- With the affords of the Director, RCA the reformation of the **Curtain facilities** in each room of the RCA Girls Hostel.
- Reformation of the drinking water facilities with provides the **Water Cooler opted with RO and Aqua Guard**.
- To kept the security point of view providing them **Store Well Almeria** with twin sharing in each phase.
- To provides the airy rooms reformation of the **Fan facilities** in each rooms.
- Regularly cleaning of storage water tank to maintain hygiene.

7. Academic Activities

1) Printing of Syllabus or Prospectus:-

- Reformation of the **Printing of Syllabus and Prospectus** for the RCA UPSC examination.

2) Regular Classes:-

- To provide the better education for the different competitive examination arranging regular classes by different experts Resource Persons as per syllabus.

3) Special Lectures:-

- On 19.07.2017, a special motivational Lecture was arranged. **Prof. Rajiv Bhandari** a Professor of Physics from Chandigarh University has delivered a lecture on Physics in General Science. He advised the candidates to build a management skill for the preparation of competitive exams. Prof R.C. Sobti. Vice-Chancellor, BBAU, Lucknow also motivated the candidates by emphasizing the preciousness of the time and it's justifiable usage.
- On 22nd July, 2017 a special motivational Lecture was arranged by **Prof. Ved Prakash** from Former Chairman UGC, New Delhi. They delivered lectures on General Science respectively.
- On 25-26th August, 2017 a special motivational Lecture was arranged by **Ms. Mira Bhandari and Prof. Rajiv Bhandari**. They delivered lectures on number system and General Science respectively.
- On 28th July, 2017 a special motivational Lecture was arranged by Prof. Manoj Dixit, Vice Chancellor, R.M.L Awadh University, Faizabad. They delivered lectures on **Indian Polity.**

- On 28th-30th July, 2017 a special motivational Lecture was arranged by **Ms. Ravi Mahajan and Prof. Kalpana Mahajan**. They delivered lectures on Current Affairs and Statistics respectively.
- **Two day Symposium** was also organized on 30-31st August, 2017 on - **"IPR uses in Agricultures".**
- On 02nd-03th September, 2017 a special Lecture was arranged by **Dr. Priyatosh Sharma**. They delivered lectures on **Medieval Indian History.**

8. Financial status of RCA, BBAU

- RCA, BBAU has been allotted with Rs. 1078.78 lakh fixed during the XI plan for the year 2009-10 under recurring head (Rs. 243.78) and non-recurring head (Rs. 835.00).
- The first installment was released Rs. 539.39 (UGC Ref No. F.56-1/2009(CU). Dtd 9th September 2009).
- The second allotment, Rs. 455.89 lakhs has been released (UGC Ref No. F.56-1/2009(CU). Dated 29th October 2012).
- So far, RCA, BBAU has received the sum of Rs. 995.28 lakh out of the sanctioned amount of Rs. 1078.78 lakh (Rs. 83.50 lakh balance).
- RCA, BBAU spends an amount of Rs. 940.33 lakhs as on 31.03.2016, out of sanctioned amount of Rs. 995.28 lakhs.

9. Challenges faced by RCA, BBAU

- There was a limited to rules/regulations and guidelines given by the UGC. Therefore, it took time to frame a proper structure, direction and shape in overall administrative issues.
- The majority of the admitted students are from Uttar Pradesh. Their knowledge and competency about the competitive exams are very poor. Therefore, it is lengthy process to make them competent. So, immediate result may not expected, in forthcoming days they will be definitely in various Government positions.
- Tracking the results achieved by the trained students is herculean task.
- Developing an overall infrastructure took lion share of the time.
- The availability of highly professional Resource persons are limited Lucknow. The remuneration is not good enough to hire the outstation Resource Persons.
- No RCA Girls' hostel

10. UGC's assistance to resolve the problems facing by RCA.

- Since, RCA is under project mode with renewal given on early basis, there is a uncertainty among faculty, administrative staff and also the students regarding the very continuation of the program. In this regard, RCA has to be converted from project mode to non-plan.
- Financial assistance for the Construction of RCA Girls' Hostel.
- Financial assistance to procure more computer desktops, furniture, other electronic gadgets for smart classes, online coaching program and English language lab.
- Highly qualified and professional teachers are not taking assignment in RCA due to meager amount of remuneration. Therefore, there is an urgency to revise the remuneration amount by UGC.
- There is a need for additional posts like Librarian, Hostel Wardens (Boys and Girls Hostel) and Assistant Staffs to them. Requesting UGC to sanction the above said posts.
- The drop outs of candidates are more. Because the admitted candidates are from the poor socio-economic backgrounds. They were unable to pay monthly mess charges and number of free ship recipients is very low. Therefore, action shall be taken to increase the free ship (preferably to all the admitted candidates)
- Mess charge rebate shall be given to all the admitted candidates.
- Financial assistance to enrich the Library, extending sports facility exclusively in RCA, Soil Filling around RCA Boys Hostel, Solar water heaters in RCA Boys' Hostel and Solar street lights nearby RCA premises.

11. Issues to be addressed in future days.

- Converting the RCA's project mode into plan mode on priority basis from 1st April 2017 onwards.
- Opportunity to interact/inviting the faculty members from other RCA.
- Sharing of the available resources in the respective RCA's.

- Permission for outside resource person to stay in RCA Boys' Hostel with nominal charges (Two rooms with attached bathroom may be reserved for the same. Food may be arranged at Hostel/canteen/university guest house on payment basis).

12. Appendix

- **Admission notice**

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
(A Central University)
Vidya Vihar, Raebareli Road, Lucknow-226025, UP

RESIDENTIAL COACHING ACADEMY

Admission Notice

The academy is providing Coaching for **UPSC (Prelims-2020)/UPPSC, RRB, Banking & SSC** to the candidates from SC, ST, Minority categories and Women. Application on the prescribed form is invited from the eligible candidates. The last date for submission of application is **……** The prescribed application form is available at the BBAU's website. Admission to the coaching program will be done through a National Level Entrance Exam conducted at Lucknow, Hyderabad & Delhi on **……**. The coaching classes will be conducted by highly qualified resource persons, including experienced civil service and banking professionals. 20 % of the total admitted students are provided with freeship of Rs. 2000/- pm as per the UGC norms.

Registrar

Website: www.bbau.ac.in, E-mail: surinderntls@gmail.com M.No : 9410334706

Admission Procedure:-

a. RCA has notified in National Dailies and Employment News for inviting applications from eligible candidates for providing a coaching classes under various programs (UPSC-CSAT, SSC, RRB and Banking) from 2011to 2017. The candidates were admitted after conducting the National Level entrance test.

Dr. Ambedkar Centre of Excellence (DACE)

Dr. Ambedkar Centre of Excellence (DACE) was set by Dr. Ambedkar Foundation Ministry of Social Justice & Empowerment,Govt.of India through MoU signed on 22-04-2022 for providing free coaching to Scheduled Caste students for UPSC Civil Service Examination. Prof Shashi Kumar has been appointed as Coordinator, DACE. 100 Students were admitted through Common Entrance Test from the 974 applicants in which number of Female-39 students and Male- 61students.

b. The DACE was inaugurated by Shri Asim Arun ji, Minister of State Social Welfare & tribal Affairs, UP Government on 1st October 2022. The DACE Classes were inaugurated by Shri Tufani Singh, Member UP State Scheduled Caste Commission on 14th October 2022. The classes were conducted through Resource Persons and the three Contractual Teachers. The students are provided library facilities in the RCA Library, where around 3000 books, magazine and newspaper are available. The setting up of DACE in our university is beneficial for the students in preparing of Competitive examinations.

FINANCIAL STATEMENT

ABSTRACT OF THE FINANCIAL STATEMENT

1st APRIL 2022 TO 31st MARCH 2023

		2022-2023		2021-2022	
S No.	**Particulars**	**Amount**	**Amount**	**Amount**	**Amount**
1	Total Receipts side of Receipts & Payment Account		1,78,87,14,619.40		1,56,54,54,331.90
	a) Grants Received During the year	1,02,54,04,237.00		95,29,56,518.00	
	b) Earmarked Fund	0.00		0.00	
	c) Interest received	46,85,493.00		-32,17,625.00	
	d) EMF Receipts	0.00		2,08,66,232.40	
	e) Other income	33,08,02,884.00		18,48,19,823.08	
	f) Any Other receipts	8,72,40,796.70		4,09,90,492.00	
	g) Opening Balance in Cash & at Bank	34,05,81,208.70		36,90,38,891.42	

2	Total Payment side of Receipts & Payment Account		1,78,87,14,619.40		1,56,54,54,331.90
	a) Expenses of Non Plan Account	99,95,09,967.00		1,03,21,80,840.20	
	b) Expenses of Plan Account	14,85,65,018.00		10,88,37,578.00	
	c) Earmarked Fund	3,47,78,536.00		2,92,54,203.00	
	d) Investment	18,87,27,000.00		6,02,526.00	
	e) Other Payment	17,62,57,743.00		5,39,97,976.00	
	f) Closing Balance in Cash & at Bank	24,08,76,355.40		34,05,81,208.70	
3	Income Plan / XII Plan		50,31,550.00		-4,45,009.00
	a) Grants / Subsides	50,31,550.00		-14,14,778.00	
	b) Interest Earned	0.00		9,69,769.00	
4	Expenditure Plan		50,31,550.00		21,842.00
	a) Establishment Expenses	0.00		6,908.00	
	b) Administrative Expenses	0.00		14,934.00	
	c)Academic Expenses	50,31,550.00		0.00	
	d) Repairs & maintenance	0.00		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		1,20,51,90,273.00		1,08,41,40,705.28
	a) Grants / Subsidies	95,03,55,600.00		88,99,06,017.00	
	b) Fees / Subscription	24,31,66,084.00		18,32,53,923.08	
	c) Interest Earned	40,12,529.00		-58,81,372.80	
	d) Other Income	76,56,060.00		1,65,20,466.00	
	e) Prior Period Income	0.00		3,41,672.00	
6	Expenditure - Non Plan		1,02,71,84,890.45		1,16,68,73,972.92
	a) Establishment Expenses	78,49,80,208.00		74,42,26,316.00	
	b) Administrative Expenses	12,25,03,612.00		24,27,97,015.00	
	c)Academic Expenses	4,03,73,393.00		7,99,90,938.00	
	d) Repairs & maintenance	1,32,94,196.00		2,72,77,100.00	
	e) Transportation Expenses	11,99,840.00		10,10,723.00	
	f) Finance Costs	0.00		45,276.20	
	g) Other Expenses	5,854.00		0.00	
	h) Prior Period expenditure	0.00		98,40,782.03	
7	Depreciation On Fixed Assets	6,48,27,787.45		6,16,85,822.69	
8	Profit / (Loss) Earned During The Year		17,80,05,382.55		-8,32,00,118.64

	Non Plan Account Profit	17,80,05,382.55		-8,27,33,267.64	
	Plan Account Profit	0.00		-4,66,851.00	
9	Fixed Assets & Capital WIP		2,80,62,14,317.42		2,72,36,62,581.87
10	Investment		0.00		
11	Current Assets, Loan & Advance		64,92,54,721.23		54,30,57,371.82
12	Earmarked Fund		3,35,42,653.87		4,35,32,417.87
13	Current Liabilities & Provisions		74,03,23,614.71		73,53,47,512.71
14	Capital Fund		2,68,16,02,770.07		2,48,78,40,023.11

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BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

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