

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY
LUCKNOW
प्रज्ञा शील करूणा
ESTABLISHED 1996

ANNUAL REPORT
2020-21



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)
Vidya Vihar, Raebareli Road, Lucknow - 226025

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Vidya Vihar, Raebareli Road, Lucknow - 226025

Toll Free: 1800-180-5789

Website- www.bbau.ac.in

Contents

- Deans of the Schools v
- Heads /Directors/Coordinators vi
- From the Vice Chancellor's Desk vii
- Board of Management ix
- Academic Council x
- Finance Committee xvi
- Planning Board xvii

1. **School of Agricultural Sciences and Technology 1**
   - Department of Horticulture 2
2. **Ambedkar School of Social Sciences (ASSS) 19**
   - Department of Economics 19
   - Department of Political Science 33
   - Department of Sociology 39
   - Department of Public Administration 55
   - Department of History 57
   - Centre for the Study of Social Exclusion and Inclusive Policy 67
3. **School of Earth & Environmental Sciences 74**
   - Department of Geology 74
   - Department of Environmental Microbiology 77
   - Department of Environmental Science 91
4. **School of Education 110**
   - Department of Education 110
5. **School of Home Science 117**
   - Human Development and Family Studies 117
   - Department of Food and Nutrition 118
6. **School of Information Science & Technology 140**
   - Department of Computer Science 140
   - Department of Library and Information Science 148
   - Department of Information Technology 162
7. भाषा एवं साहित्य विद्यापीठ 177
   - हिन्दी विभाग 177
8. **School of Legal Studies 185**
   - Department of Human Rights 185
   - Department of Law 204
   - Centre of Post Graduate Legal Studies 219
9. **School of Life Sciences 224**
   - Department of Biotechnology 224
   - Department of Zoology 235
10. **School of Management & Commerce 248**
    - Department of Rural Management 248
    - Department of Commerce 257
11. **School of Media and Communication 259**
    - Department of Mass Communication & Journalism 259
12. **School of Pharmaceutical Sciences 272**
    - Department of Pharmaceutical Sciences 272
13. **School for Physical and Decision Sciences 291**
    - Department of Chemistry 291
    - Department of Mathematics 304
    - Department of Physics 309
    - Department of Statistics 321
    - Integrated B.Sc.-M.Sc. Basic Science 332
14. **School of Performing Arts 336**
    - Department of Music 336
15. **School of Sanskrit & Indic Studies 337**
    - Department of Sanskrit and Indic Studies 337
16. **School of Yoga, Naturopathy and Cognitive Studies 338**
    - Department of Yoga 338
17. **University Institute of Engineering and Technology 339**
    - Department of Civil Engineering 339
    - Department of Computer Engineering 340
    - Department of Electrical Engineering 341
    - Department of Electronics & Communication Engineering 342
    - Department of Electronics & Communication Engineering 342
    - Department of Mechanical & Automobile Engineering 347
18. **BBAU Satellite Centre, Amethi 348**
    - Department of Information Technology 348
    - Department of Computer Science 349
    - Department of History 350
    - Department of Commerce 351
    - Department of Food Science & Nutrition 353
19. **Committee of Basic Facilities for Women (CBFW) & Gender Champions Committee (GCC) 354**
20. **Gautam Buddha Central Library 357**
21. **University Works Department 367**
22. **University Health Centre 372**
23. **Internal Quality Assurance Cell (IQAC) 374**
24. **National Cadet Corps 376**
25. **NSS CELL 378**
26. **University Placement Cell (UPC) 380**
27. **Office of Proctor 382**
28. **University Coaching Centre (RCP) 387**
29. **Recruitment Cell 389**
30. **Special Cell for the welfare of Scheduled Castes & Scheduled Tribes (SC/ST Cell) 390**
31. **Sports Section 395**
32. **Media Centre 398**
33. **University Sophisticated Instrumentation Centre (USIC) 400**
34. **Information & Guidance Bureau 402**
35. **Center for Industry Institution Partnership Program (CIIPP) 406**
36. **Dean Students' Welfare 407**
37. **Gardening and Beautification Section 409**
38. हिन्दी प्रकोष्ठ 412
39. **Financial Statement 416**
40. **Annual Report Committee 418**

Annual Report 2020-21

Visitor

Hon'ble President of India
Shri Ram Nath Kovind

Chancellor
Dr. Prakash C. Bartunia

Vice- Chancellor
Prof. Sanjay Singh

Registrar (I/c)	Prof. S. V. Babu
Finance Officer (I/c)	**Prof. Sanatan Nayak**
Controller of Examination (I/c)	Prof. Manish Kumar Verma
Librarian	Dr. Sunil Goria
Proctor	Prof. B. B. Malik
Dean Student's Welfare	Prof. B. S. Bhadauria

Deans of the Schools

i.	School of Information Science Technology	Prof. S. K. Dwivedi
ii.	Ambedkar School of Social Sciences	Prof. B. B. Malik
iii.	School of Life Sciences	**Prof. Kamal Jaiswal**
iv.	School of Earth & Environmental Sciences	**Prof. Naveen Kumar Arora**
v.	School of Home Science	Prof. Sunita Mishra
vi.	School of Education	**Prof. Harishankar Singh**
vii.	School of Legal Studies	Prof. Sudarshan Verma
viii.	School of Management and Commerce	Prof. M.S. Khan
ix.	School of Physical and Decision Science	Prof. B. S. Bhadauria
x.	School of Languages and Literature	Prof. Arbind Kumar Jha
xi.	School of Media and Communication	Prof. Govind ji pandey
xii.	School of Agricultural Sciences and Technology	Prof. Sanjay Kumar
xiii.	School of Pharmaceutical Sciences	Prof. Shubhini A. Saraf

Heads /Directors/Coordinators

1. Political Sciences	Prof. Shashi Kant Pandey
2. Sociology	Prof. Jaya Srivastav
3. Public Administration	Prof. Ripu Sudan Singh
4. History	Dr. S. V. Babu
5. Economics	Prof. Sanatan Nayak
6. Zoology	Prof. Kamal Jaiswal
7. Bio-Technology	Prof. Sangeeta Saxena
8. Environmental Sciences	Prof. Naveen Kumar Arora
9. Environmental Microbiology	Prof. Ram Chandra
10. Geology	Dr. Narendra Kumar
11. Human Development & Family Studies	Prof. Sunita Mishra
12. Food and Nutrition	Prof. Sunita Mishra
13. Information Technology	Prof. R. A. Khan
14. Computer Science	Prof. Sanjay K. Dwivedi
15. Library & Information Science	Prof. Shilpi Verma
16. Education	Prof. Arbind Kumar Jha
17. Human Right	Prof. Preeti Misra
18. CGPLIS	Prof. Priti Saxena
19. Law	Prof. Sanjeev Kumar Chadha
20. Rural Management	Prof. Kushendra Mishra
21. Commerce	Prof. M. S. Khan
22. Mathematics	Prof. B. S. Bhadauria
23. Chemistry	Prof. Gajanan Pandey
24. Physics	Dr. Bal Chandra Yadav
25. Statistics	Dr. Madhulika Dube
26. Integrated B.Sc.-M.Sc. Basic Science	Prof. Rajesh Kumar
27. Hindi	Dr. Sarvesh Kumar Singh
28. Mass Communication & Journalism	Prof. Gopal Singh
29. Horticulture	Prof. Sanjay Kumar
30. Pharmaceutical Science	Prof. Gaurav Kaithwas
31. Sanskrit and Indic Studies	Prof. Ripu Sudan Singh
32. Yoga	Prof. Harishankar Singh
33. Music	Prof. Harishankar Singh
34. University Institute of Engineering and Technology (UIET)	Prof. R.A. Khan
35. Centre for Industry Institution Partnership Program(CIIPP)	Prof. Rana Pratap Singh
36. Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP)	Prof. Sartik Bagh

From the Vice Chancellor's Desk



Babasaheb Bhimrao Ambedkar University is moving at a fast pace on the path of reaching its rightful place at National and International level through sustained efforts. It is my pleasure and privilege to present 24th Annual Report of the university for the year 2020-21. After the introduction of New Education Policy (NEP) by the Government, the University has set into motion various programs for holistic development of human resource and live up to its axiom 'Pragya Sheel Karuna' with utmost zeal, sincerity and determination. We remain committed to social justice and democracy, true to the values of Babasaheb Bhimrao Ambedkar, an icon of new India. It has led into the culmination of creativity, determination and commitment of excellence in faculties and students.

The accomplishments have made it possible to tread on an innovative trajectory of academic quality and excellence by all global standards. It has helped the University excel in research and the pursuit of knowledge. The University fraternity took this global crisis as an encounter and worked hard to keep the stride of development and growth. The University transformed itself in the new situation espousing novel policies. It has contributed immensely in innovation, entrepreneurship and collaborations. The direction of new education policy helped the University to initiate various novel programs and innovative ideas for the development of human resource.

The University broadened its knowledge base by networking & collaboration with various Centres of excellence and institutes by entering into Memorandum of Understanding. The outstanding institutions with which the University has entered into active collaboration during the year include Central Drug Research Institute, Indian Institute of Technology (BHU) and Swami Vivekananda Yoga Anusandhan Sanasthan (S-Vyasa).

Adding cap to its feather, an innovation, incubation and start up cell has been established which will go a long way towards 'Building India' initiative by the Government for the benefit of students. A road map for improving basic facilities has also started. The media centre has taken up a new ingenuity in content translation of modules in the disciplines of Human Rights, Economics and Political Science that will be available in Hindi on YouTube on the Consortium for Educational Communication, and Swayam Prabha Direct-to-home Channel of Ministry of Education. It is to mention here that several appointments have been made against the vacant positions in the University along with career advancement promotion of faculty members. The Satellite Centre at Tikarmafi, Amethi has undergone major academic and administrative changes that include restructuring of the Departments, establishing a wing of National Service Scheme (NSS) and expansion of the infrastructure facilities.

The alumni connect of the University has continuously strengthened and enhanced opportunities for students in their career, start-up and ensure comprehensive growth of the University. Similarly, through "EK Bharat-Shrestha Bharat", various cultural programs are regularly organised displaying the dire need of gender equality and various awareness campaigns of environment, health, yoga, sanitation etc. It has helped the students to be acquainted with all the local, national and global issues, besides the core disciplines they are pursuing.

With the deep sense of elation, I am delighted to apprise that BBAU holds 9th place among the 40 Central Universities as per the annual report of Ministry of Education. The NCC units of the University has achieved laurels and due to the exceptional performance, the rank of Honorary Colonel, Colonel Commandant of NCC has been conferred on the Vice Chancellor, which is a matter of pride for the University fraternity. The University has also been accorded International

Green Building Standard ISO 14001 for which the efforts of everyone, who worked hard for this goal is appreciated. During global crisis the University fraternity went in and around University neighbourhood to extend all possible support to the common people as part of social responsibility.

We are immensely grateful to the Ministry of Education and University Grants Commission for extending all possible support in the course of development of the University. We are also thankful to our faculty members, staff, students and many others in the community for their ongoing and commitments to our success. The University, a priority institution in global research and higher education, will always strive to embrace new challenges and shall contribute significantly to achieve excellence for our nation.



Sanjay Singh

Board of Management

1. **Prof. Sanjay Singh**
   Vice Chancellor, BBAU, Lucknow
2. **Prof. Sudarshan Verma**
   Dean, SLS
3. **Prof. Madhulika Dube**
   Head, Deptt. of Statistics
4. **Prof. Kameshwar Choudhary**
   DS, BBAU, Lucknow
5. **Dr. Shashi Kumar**
   Associate Professor, Deptt. of Human Rights, BBAU, Lucknow
6. **Dr. M.K. Padhy**
   Assistant Professor, DMCJ, BBAU, Lucknow
7. **Dr. Ashok Bajpai**
   Member, Rajya Sabha, 151-Janta Kuteer, Dharamshala Road, Hardoi, UP
8. **Shri G.C. Hosur**
   Joint Secretary (CU), Department of Higher Education, MHRD, New Delhi
9. **Prof. D.P. Singh,**
   Chairman, UGC, New Delhi
10. **Secretary BOM**
    Registrar, BBAU, Lucknow.

Academic Council

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

2. **Dr. G.N. Singh**
   Member Secretary, Indian Pharmacopoeia Commission
   Ministry of Health & Family Welfare, Government of India

3. **Prof. S. K. Dwivedi**
   Retd. Professor & Head
   Department of Political Science, University of Lucknow

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

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

7. **Prof. D.P. Singh**
   Department of Environmental Science
   Babasaheb Bhimrao Ambedkar University, Lucknow.

8. **Prof. R.P. Singh**
   Department of Environmental Science
   Babasaheb Bhimrao Ambedkar University, Lucknow.

9. **Prof. R.B. Ram**
   Department of Applied Plant Science
   Babasaheb Bhimrao Ambedkar University, Lucknow.

10. **Prof. Sunita Mishra**
    Department of Home Science
    Babasaheb Bhimrao Ambedkar University, Lucknow.

11. **Prof. Kameshwar Chaudhary**
    Department of Sociology
    Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

15. **Prof. S.K. Dwivedi**
    Department of Environmental Science
    Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

19. **Prof. B.S. Bhaduaria**
    Department of Mathematics
    Babasaheb Bhimrao Ambedkar University, Lucknow.

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

21. **Prof. Shubhini A. Saraf**
    Department of Pharmaceutical Science
    Babasaheb Bhimrao Ambedkar University, Lucknow.

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

23. **Prof. Bibhuti Bhushan Malik**
    Department of Sociology
    Babasaheb Bhimrao Ambedkar University, Lucknow.

24. **Prof. Sanjay Kumar**
    Deptt. of Horticulture
    Babasaheb Bhimrao Ambedkar University, Lucknow.

25. **Prof. S.K. Dwivedi**
    Department of Computer Science
    Babasaheb Bhimrao Ambedkar University, Lucknow.

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

27. **Prof. Manish Kumar Verma**
    Department of Sociology

Babasaheb Bhimrao Ambedkar University, Lucknow.

28. Prof. L.C. Malliah
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

29. Prof. Preeti Mishra
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

31. Prof. M.S. Khan
Department of Rural Management
Babasaheb Bhimrao Ambedkar University, Lucknow.

32. Prof. Surinder Kumar
Department of Statistic
Babasaheb Bhimrao Ambedkar University, Lucknow.

33. Prof. Kushendra Mishra
Department of Rural Management
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

36. Prof. V. Elangovan
Department of Biotechnology
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

39. Prof. Gopal Singh
Deptt. of Mass Communication & Journalism
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

41. Prof. Shashi Kant Pandey
Department of Political Science

Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

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

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

47. Prof. Shilpi Verma
Department of Library & Info. Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

49. Prof. Sura Darapuri
Department of History
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

51. Prof. Rajesh Kumar
Department of Microbiology
Babasaheb Bhimrao Ambedkar University, Lucknow.

52. Prof. Arvind Kumar Jha
Department of Education
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

55. Prof. Shikha
Department of Environmental Science

Babasaheb Bhimrao Ambedkar University, Lucknow.

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

57. Prof. U.V. Kiran
Department of HD&FS
Babasaheb Bhimrao Ambedkar University, Lucknow.

58. Prof. Gaurav Kaithwas
Department of Pharmaceutics
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

61. Prof. Ram Pal Gangwar
Department of Economics
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

63. Dr. Narendra Kumar
Head, Department of Geology
Babasaheb Bhimrao Ambedkar University, Lucknow

64. Dr. Shashi Kumar, Asso. Prof.
Department of Human Rights
Babasaheb Bhimrao Ambedkar University, Lucknow.

65. Dr. M.R. Vejendala, Asstt. Prof.
Department of History,
Babasaheb Bhimrao Ambedkar University, Lucknow.

66. Dr, Richa Kothari Tyagi, Asstt. Prof.
Department of Environmental Science,
Babasaheb Bhimrao Ambedkar University, Lucknow.

67. Dr. Sufiya Ahmed, Asstt. Prof.
Department of Law,
Babasaheb Bhimrao Ambedkar University, Lucknow.

68. Dr. Mahendra Kumar Padhy, Asstt. Prof.
Department of Mass Communication & Journalism,
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

72. Registrar
(Ex-officio Secretary)
Babasaheb Bhimrao Ambedkar University, Lucknow

Finance Committee

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

2. **Dr. Abhay Kumar Thakur**
   Finance Officer, Banaras Hindu University,
   Varanasi.

3. **Prof. Kameshwar Choudhary**
   Deptt. of Sociology, BBA University
   Vidya Vihar Raebareli Road, Lucknow

4. **Finance Officer**
   Jawaharlal Nehru University,
   New Delhi-110067

5. **Smt. Darshana M. Dabral**
   Joint Secretary & Finance Advisor
   Ministry of Human Resource Development,
   Shastri Bhawan, New Delhi-110 001

6. **Sh. G.C. Hosur**
   Joint Secretary (CU), MHRD,
   Shastri Bhawan, New Delhi-110 001

7. **Dr. J. K. Tripathi**
   Joint Secretary (CU), UGC,
   Bahadur Shah Zafer Marg, New Delhi – 110 002

8. **Finance Officer (I/c)**
   Ex-officio Secretary, BBAU, Lucknow

Planning Board

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

2. **Prof. Bhoomitra Dev**
   Ex-Vice-Chancellor

3. **Prof. P.K. Sinha**
   Ex-Vice-Chancellor
   RML Avadh University, Faizabad

4. **Er. Milind Kamble**
   Founder Chairman, DICCI

5. **Dr. Bijendra Singh**
   Director General, UPCAR, Lucknow

6. **Prof. Yogendra Pratap Singh**
   UGC Nominee

7. **Deputy Registrar**
   Finance, BBAU

8. **Registrar, BBAU**

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.

1. Number of Departments:

i. Department of Horticulture previously known as Department of Applied Plant Science (Horticulture) presently existing one.

ii. Department of Genetics and Plant Breeding (Proposed one)

2. Special Highlight of the Schools

In the beginning, university started offering a one year (two-semester) PG Diploma in Horticulture i.e. 'Seed and Nursery Production' under the Centre for Rural Technology (CRT) from academic session 1997-98 which was continued up to session 2000-01. Further, the course was upgraded to Master Degree Programme in Horticulture w. e. f. academic 2001-02 after creation of Department of Applied Plant Science (Horticulture) under the School for Bio-sciences and Bio-technology. Later on the department started Ph. D. programme in Horticulture from academic session 2003-04. Since then concerted efforts are being made to conduct research on various horticultural crops i.e. Fruit Science (Pomology), Vegetable Science (Olericulture) and Flower Production (Floriculture) including medicinal & aromatic plants, spices & condiments and ornamental aquatic plants in order to improve their production & productivity, protection and utilization.

For conducting experiments(Research trials), the department has two Horticultural Research Farms and a state-of-the art Laboratory and Green House Structures of various types' viz., fiber glasshouse, poly house, shade net house and wire net house. Besides this, Department organizes regular presentation of the students inform of seminars on a weekly basis, especially for the final year (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.

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. Ph.D.Horticulture
ii. M.Sc. (Ag.) Horticulture
iii. B.Voc. (Floriculture and Landscape Gardening)

2. Facilities available in the department:

i. 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

ii. Horticulture PG/Research Laboratories

Basic Laboratory equipment's available:

- Digital Hand Refractometers
- Digital Vernier Callipers
- Centrifuge
- Rotary Evaporator
- Spectrophotometer
- Spectrophotometer
- Laminar Air flow

In the pipeline:

- Electrophoresis unit
- Portable Digital Leaf Area meter
- Power Tiller

iii. Horticulture Research Farm

- Fruit Germplasm Block
- Various Protected /Greenhouse Structures
- Micro-irrigation systems like:
  i. Micro-sprinkler
  ii. Fogger
  iii. Drip irrigation
- Trainers' Training Centre (TTC) for Training, Demonstration and Extension etc.
- Equipments like mechanized Brush Cutter, Duster cum sprayer and Pole Pruner

3. Details of the faculty:

i. Prof. Sanjay Kumar

Professor& Head
Qualification- M.Sc.(Ag.), Ph.D. (Hort.) NET-ICAR
Teaching and Research Experience:22 Years
Field of specialization-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

ii. Prof. R. B. Ram

Professor
Qualification- M.Sc. (Ag.), Ph.D. (Hort.), B.H.U
Teaching and Research Experience:36 Years
Field of Specialization: Fruit Science (Pomology) in Horticulture under Agriculture Sciences.
Major Area of Research and field of interest: The major areas of research Inter alia include: Crop Improvement, Crop Production, Crop Protection and Crop Utilization.
Expertise has been acquired in Various branches of Horticulture viz. Fruit Science, Vegetable Science and Floriculture and Landscaping gardening in addition to Medicinal and Aromatic plants, species and condiments, plantation crop etc. through teaching, research, extension and

training programmes.

iii. Dr. Deepa H. Dwivedi

Professor
Qualification- M.Sc. (Ag.), Ph. D. (Hort.),
Research (R & D and Extension) and teaching experience- 21 years Approx
Field of specialization -Fruit Science (Pomology)
Area of work and field of interest in horticulture -
All branches of horticulture (Pomology, Floriculture & Landscaping and Olericulture including medicinal Aromatic Plants), especially fruit science and Floriculture.

iv. Dr. M. L. Meena

Associate Professor
Qualification-Ph.D. (Ag.) Horticulture (Vegetable Science), NET-ICAR
Teaching and Research Experience: 18 Years
Field of specialization-Vegetable Breeding in Horticulture under Agricultural Sciences
Area of work and field of interest in Horticulture-All branches of Horticulture (Olericulture), Pomology, Floriculture & Landscapingincluding Medicinal & Aromatic Plants, Spices and Condiments especially Olericulture.

v. Dr. Sutanu Maji

Assistant Professor
Qualification- M.Sc.(Hort.), Ph. D. (Hort.) in Fruits & Orchard Management, NET-ICAR
Teaching Experience : 8 years 10 months at PG & Ph. D Level
Research Experience: 11 years
Field of specialization: Fruit Science (Horticulture)
Area of work and field of interest: Organic nutrition, NRM, Waste management, Crop Regulation, Bio-control, Drying and dehydration, Horticultural research on Dragon fruit

vi. Dr. Ravi Shankar Verma

Assistant Professor
Qualification- M.Sc. (Ag.), Ph.D. (Hort.), NET-ICAR
Teaching and Research Experience: 06 Years
Field of Specialization: Fruit Science (Pomology)
Major Area of Research and field of interest: All branches of Horticulture especially Orchard Management, Protected cultivation, Integrated Nutrient Management, Nursery Management, Propagation Technology, HDP, PHT, Intercropping, Crop Regulation, Horticultural research

vii. Dr. Rubee Lata

Assistant Professor
Qualification- M.Sc. (Ag.), Ph.D. (Hort.), NET-ICAR
T**eaching and Research Experience:** 7.5 years (including Ph.D.)
Field of Specialization: Production technology of Fruit crops and ornamentals crops

4. 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

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

Prof. Sanjay Kumar

i. Expert member on selection committee of various posts of U.P.P. S.C., Allahabad
ii. Chairperson, Departmental Research Committee, BBAU, Lucknow
iii. Chairperson, Board of Post-Graduate Studies,BBAU, Lucknow
iv. Chairperson, Admission Committee,B.B.A.University, Lucknow
v. Member, Academic Council, B. B. A. University, Lucknow
vi. Member, School Board, S.B.&B.T., B. B. A. University, Lucknow
vii. Subject Matter Specialist of Affiliation Committee of Various Universities
viii. Coordinator(s), One-Day Lecture Series Seminar in Department of Horticulture
ix. Working as Head, Department of Horticulture w. e. f. 09.03.2019 to till date
x. Ph. D. Thesis evaluation and Viva-voce examination of B. H. U., Varanasi
xi. Ph. D. Thesis evaluation and Viva-voce examination of O. U. A. &T., Bhuvaneshwar
xii. Ph. D. Thesis evaluation of H. N. B. Garwal University, Srinagar (Uttrakhand)
xiii. Ph. D. Thesis evaluation of S. H. U. A. T. S., Naini, Prayagraj
xiv. M. Sc. (Ag.) Thesis (s) evaluation of S. V. P.U.A&T, Meerut
xv. Centre Superintendent of Dr R. M. L. National University, BBAU, Lucknow
xvi. Paper setter and Practical examiner of Integral University, Lucknow
xvii. Member Board of Studies of V.B.S. Purvanchal University, Jaunpur
xviii. Judge of Pradeshik Shak-Bhaji Evam Puspa Pradarshini, Raj Bhawan, Lucknow
xix. Expert member of promotion committee of B. R. D. College, Deoria
xx. Paper setter of S. H. U. A. T. S., Naini, Prayagraj
xxi. Paper setter of various courses of BUAT, Banda
xxii. Paper setter of CSAUA&T, Kanpur
xxiii. Expert member on selection committee of Resource person in HDFS, BBAU, Lucknow
xxiv. Member of Screening Committee of BBAU, Lucknow.

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. R. B. Ram

i. Expert member on selection committee of U.P.P. S.C., Allahabad
ii. Expert member on selection committee of U. P. Council of Agricultural Research, CIMAP and NBRI, Lucknow
iii. Expert member on selection committee of Institute of Co-operative & Corporate management, Research and Training, Indira Nagar, Lucknow
iv. Expert member on selection committee of Madan Mohan Malviya University of Engineering and Technology, Gorakhpur
v. Expert member in selection committee of Allahabad University, Allahabad
vi. As Expert on Selection Committee in Central Agricultural University, Manipur
vii. As Expert on Selection Committee in CISH and KVK, Lucknow
viii. Ph. D. Thesis evaluation and Viva-voce examination of Banaras Hindu University, Varanasi
ix. Ph. D. Thesis evaluation and Viva-voce examination of NDUA&T, Faizabad
x. Ph. D. Thesis evaluation and Viva-voce examination of Swami Keswanand Rajasthan Agricultural University, Bikaner Rajasthan
xi. As Expert on Selection committee in AKTU, Lucknow
xii. As Expert on Selection committee in APJKTU, Lucknow
xiii. Expert member on selection committee of KV, Lucknow
xiv. Centre Superintendent, Sagar University, MP
xv. Ph.D. Thesis evaluation CSAU&T, Kanpur

Life member of professional/academic bodies:

i. The Horticultural Society of India, New Delhi, India
ii. The Indian Society of Vegetable Science, Indian Institute of Vegetable Research, Jakhini Shahanshpur, 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

Dr. Sutanu Maji

i. Editorial member- Journal of Crop and Weed
ii. Life member- International Society for Minor Fruits, Medicinal and Aromatic Plants, Sri Lanka

Dr. Ravi Shankar Verma

i. Life member of Global Environment and Social Association (GESA), New Delhi, India
ii. Life member of Asian Biological Research Foundation (ABRF), Prayagraj, India since

December, 2019.

Dr. Rubee Lata

Life member of Asian Biological Research Foundation (MABRF), Prayagraj, India since December, 2019.

6. Details of Book Chapter in edited volume:

Dr. M. L. Meena

i. Rajmani Singh, M. L. Meena, Subhash Verma and Shatrunjay Yadav (2021). Annual Flowers. RECENT TRENDS IN HORTICULTURE. First Edition : 2021 (ISBN: 978-81-953069-8-5). Learning Media Publication, Meerut.
ii. M. L. Meena, Rajmani Singh, Lalit Kumar, Razaudin and ShatrunjayYadav (2021). Micro-Irrigation. RECENT TRENDS IN HORTICULTURE. First Edition : 2021 (ISBN: 978-81-953069-8-5). Learning Media Publication, Meerut.

Dr. Sutanu Maji

i. Sutanu Maji (2020). COVID 19: Challenges and opportunities in agri-sector. Contemporary Research in Management. Chapter 17. pp 168-171. ISBN 9789390307623.
ii. Sutanu Maji, Deepa H Dwivedi, Namrta Singh, Sachin Kishor and Munni Gond (2020). Agricultural waste: Its impact on environment and management approaches. Chapter 15. In: Emerging Eco-frendly green technologies for waste water treatment. Microorganisms for sustainability 18, Spinger Nature Singapore.

Dr. Ravi Shankar Verma

i. Ajay Yadav, **Dr. R.S. Verma**, Dr. Yogesh Prasad, Dr. S.S. Verma, RohitMaurya and Manoj Kumar**(2020).** Cultivation of Ber in India published in Advances in Horticulture Vol.14 Page no.79-97(ISBN-978-93-90217-94-6) published by AkiNik Publications, New Delhi.
ii. **R.S.Verma** and Shivendra Kumar (2020).Food and Nutritional Security through Horticulture published in Environment and Society Page no. 241-245 (ISBN-978-81-931362-3-3) published by Department of Zoology, Government PG College,Saidabad,Prayagraj and GESA,New Delhi.
iii. R.RameshBabu, DharmpalSingh,**R.S.Verma**,Shivendra Kumar and S.S.Verma(2020). Recent advances bulbous crops India published in Advances in Horticulture Vol.16 Page no.105-134(ISBN-978-93-90420-36-0) published by AkiNik Publications, New Delhi.

7. Paper published during the year by the faculty members

Prof. Sanjay Kumar

i. Rakesh Kumar Meena and **Sanjay Kumar**, M. L. Meena and Adesh Kumar (2020). Combining ability for yield and quality related traits in Tomato (Solanum lycopersicum L.). International Journal of Current Microbiology and Applied Sciences 9 (5): 2931-2935.
ii. M.L. Meena, Suresh Yadav, **Sanjay Kumar**, Rajmani Singh, Ruchika Abha and Rupesh Kumar Mandel (2020). Genetic Variability, Heritability and Genetic Advances in the Garlic Genotypes. Biosc.Biotech.Res.Comm. 13(1):335-339.
iii. Vijay Kumar Pandey, **Sanjay Kumar** and Rakesh KumarMeena (2020). Determination of Genetic Variability, Corelation Coefficient, Heritability and Genetic Advances in Tomato

(*Solanum lycopersicon* L.) Int. J. Pure App. Biosci. 8 (4): 535-538.

iv. Shatrunjay Yadav, **Sanjay Kumar** and Shubham Singh (2020). Effect of Different Varieties and Spacings on Growth and Yield Attributes of Garlic (Allium sativum L.). Indian Journal of Ecology 47(3): 863-865.

v. **Sanjay Kumar**, Pradeep Kumar, M.L. Meena, Rajeev Kumar, Ranjeet Rawat and Shatrunjay Yadav(2021). Influence of varieties and spacing on growth characters of sprouting broccoli (Brassica oleracea L. Annals of Plant and Soil Research 23(1): 99-103.

vi. Pradeep Kumar, **Sanjay Kumar**, M.L. Meena, Rajeev Kumar, Ranjeet Rawat and Shatrunjay Yadav(2021). Influence of varieties and spacing on yield and quality of sprouting broccoli (Brassica oleracea L.). Annals of Plant and Soil Research 23(1): 108-111.

vii. **Sanjay Kumar**, Rajesh Kumar Meena, Rakesh Kumar Meena, Shatrunjay Yadav and Vinit Kumar Meena (2021). Genetic variability, heritability and genetic advance studies in Amaranthus (Amaranthus tricolor L.). Annals of Plant and Soil Research 23(1): 77-81.

viii. M. L. Meena, T. R. Pankaj, **Sanjay Kumar**, Rajmani Singh and Ruchika Abha (2021). Correlation and path analysis in Garden pea (*Pisum sativum* L). Indian Journal of Agriculture and allied Sciences 7(1): 43-47.

ix. M. L. Meena, T. R. Pankaj, **Sanjay Kumar**, B. C. Shivran, Haarvindra Pal, Rajesh Kumar Meena and (2021). Correlation and path analysis for yield and yield attributing trais in Garden pea (*Pisum sativum* L). Indian Res. J. Genet. & Biotech. 13(1): 45-51.

x. Mata Prasad, M. L. Meena, **Sanjay Kumar**, Sutanu Maji and Rajmani Singh (2021). Effect of integrated weed management practices on yield and quality of Onion (**Allium cepa L**). South Indian Journal of Experimental Biology 11(3): 300-304.

Prof. R. B. Ram

i. Rupesh Kumar Mandal, Rubee Lata, RS Verma and **RB Ram** (2021). Effect of different substrates on yield of Oyster mushroom (Pleurotus florida). Journal of Pharmacognosy and Phytochemistry 2021; 10(4): 337-339.

ii. Rupesh Kumar Mandal, Rubee Lata, RS Verma and **RB Ram** (2021). Efficacy of different substrates on growth of Oyster mushroom (Pleurotus florida). The Pharma Innovation Journal 2021; 10(7): 1143-1145.

iii. P Sonkar, **RB Ram**, SK Chaturvedi, R Lata, D Maurya(2020). Chywanprash: One of the Commercial Aonla Product and its Nutritional Values in Relation to Human Health. Nutritional Trends in Family & Community 1, 78.

iv. R Lata, **RB Ram**, DH Dwivedi, ML Meena (2020). Spices and Health Care. Nutritional Trends in Family & Community 1, 93.

v. D Kumar, V Shukla, S Kumar, **RB Ram**, N Kumar (2020). Metal pollution index and daily dietary intake of metals through consumption of vegetables. International Journal of Environmental Science and Technology 17 (6), 3271-3278.

vi. L Kant, **RB Ram**, ML Harendra, SK Gautam (2020). Effect of boron and zinc on fruit yield and quality of pomegranate (Punica granatum L.), cv. Bhagwa. IJCS 8 (2), 2940-2945.

vii. A Yadav, **RB Ram**, R Lata, GC Yadav (2020). Effect of INM on growth, bulb yield and quality of onion (Allium cepa L.) cv. Agrifound Dark Red. International Journal of Chemical Studies 8 (1), 2514-2516

viii. N.K. Verma, **RB Ram**, T. Damodaran, R Lata and R.S. Verma. (2020). Evaluation of organic sources of nutrients, microbial inoculants coupled with mulching on growth parameters of strawberry cv. Chandler grown on partially reclaimed alkali soil of central Uttar Pradesh. International Journal of Advanced Biological Research. 10(3): 1-4.

ix. Neeraj Kumar Verma, **R.B. Ram**, R.S. Verma and R. Lata **(2020)** Effect of integrated nutrient management on physico-chemical attributes and B:C ratio of strawberry (*Fragaria × ananassa*Duch.) published in Annals of Plant and Soil Research 22(3): 301-304 (2020)

Prof. Deepa H. Dwivedi

i. N Singh, DH Dwivedi, S Kishor, S Maji (2021). Improvement in growth and yield of strawberry (Fragaria× ananassa Duch.) by mulch colour. Environmental Sustainability, 1-6

ii. R Lata, RB Ram, DH Dwivedi, ML Meena (2020). Spices and Health Care. Nutritional Trends in Family & Community 1, 93.

iii. M Verma, A Singh, DH Dwivedi, NK Arora (2020). Zinc and phosphate solubilizing Rhizobium radiobacter (LB2) for enhancing quality and yield of loose leaf lettuce in saline soil. Environmental Sustainability 3, 209-218

iv. S Maji, DH Dwivedi, N Singh, S Kishor, M Gond, RN Bharagava (2020). Agricultural waste: Its impact on environment and management approaches. Emerging Eco-friendly Green Technologies for Wastewater Treatment, 329-351.

v. K Singh, S Maji, DH Dwivedi, M Prasad (2020). Nutrient management of garlic (allium sativum l.) cv. bhima purple in an integrated way. Indian Journal of Ecology 47 (3), 712-715.

Dr. M.L. Meena

i. B. C. Shivran, **M.L. Meena**, Sanjay Kumar, H. Pal and Som Prakash (2021). Determine the combined effect of varieties and spacing on growth, yield and quality of knolkhol (Brassica oleracea var. gongylodes L.). The Pharma Innovation 10 (8) : 2349-8242

ii. B. C. Shivran, **M.L. Meena**, H. Pal and Som Prakash (2021). Effect of varieties and spacing on growth, yield and quality of knolkhol (Brassica oleracea var. gongylodes L.). Annals of Plant and Soil Research 23 (3):

iii. Suresh Kumar Yadav, **M. L. Meena**, Rajmani Singh and Shree Kant Maurya (2021). Correlation and path analysis for yield and yield attributing traits in garlic (Allium sativum L.). Res. Jr. of Agri. Sci. 12(4): 1165-1168

iv. Mata Prasad, **M. L. Meena**, Sanjay Kumar, Sutanu Maji and Rajmani Singh (2021). Effect of integrated weed management practices on yield and quality of onion (Allium cepa L.). South Asian Journal of Experimental Biology, 11(3): 300-304

v. Radeep Kumar, Sanjay Kumar, **M.L. Meena**, Rajeev Kumar, Ranjeet Rawat And Shatrunjay Yadav (2021). Influence of varieties and spacing on yield and quality of sprouting broccoli (Brassica oleracea L.) Annals of Plant and Soil Research 23(1): 108-111

vi. Sanjay Kumar, Pradeep Kumar, **M.L. Meena**, Rajeev Kumar, Ranjeet Rawat And Shatrunjay Yadav (2021). Influence of varieties and spacing on growth characters of sprouting broccoli (Brassica oleracea L.). Annals of Plant and Soil Research 23(1): 99-103

vii. **ML Meena**, T.R. Pankaj, Sanjay Kumar, Rajmani Singh and Ruchika Abha (2021). Correlation and path analysis for yield and yield attributing traits in garden pea. Indian Research J.genet,.and Biotech. 13(1): 45-51

viii. **ML Meena**, T.R. Pankaj, Sanjay Kumar, Rajmani Singh and Ruchika Abha (2021). Correlation and path analysis in garden pea. Indian J. of Agric.and Allied Sci. 7(1): 49-47

ix. Som Prakash, R.S. Verma **ML Meena**, Rajmani Singh and S.K. Maurya (2021). A review on abiotic stress in tomato. Indian J. of Agric.and Allied Sci. 7(1): 33-36

x. Rajmani Singh, **ML Meena**, Som Prakash, S.K. Maurya and P. Singh (2021). Effect of integrated nutrient management on growth parameters on African marigold. A review. Indian J. of Agric.and Allied Sci. 7(1): 9-12

xi. R. C. Meena, **M. L. Meena**, B. C. Shivran, Harvindra Pal, Rajmani Singh, B. L. Meena, Shatrunjay Yadav (2020). Effect of fertility levels and boron on vegetative growth parameters of cauliflower (Brassica oleracea var. botrytis L.) under Lucknow conditions. Environment and Ecology, 38 (3A): 493-498.

xii. M.L. Meena, Suresh Yadav, Sanjay Kumar, Rajmani Singh, Ruchika Abha and Rupesh Kumar Mandel (2020). Genetic variability, heritability and genetic advances in Garlic. BioSci. Biotech. Res. Comm. 13(1): 335-339

xiii. Rakesh Kumar Meena and Sanjay Kumar, **M. L. Meena** and Adesh Kumar (2020).Combining ability for yield and quality related traits in Tomato (Solanumlycopersicum L.). International Journal of Current Microbiology and Applied Sciences. 9 (5): 2931-2935.

Dr. Sutanu Maji

i. M. Gond, D.H. Dwivedi, S. Maji and S.Kishor (2020). Rapid Assessment of Variability in Water Chestnut (Trapa natans var. bispinosa Roxb.) through Fruit and Stomatal Analysis. Indian Journal of Ecology. 46 (3): 604-609. ISSN 0304-5250

ii. N K Malviya, R Chaurasiya and S Maji (2020). Use of coco peat for soilless cultivation of tomato. South Asian Journal of Experimental Biology. 10 (3): 169-175. ISSN 2230-9799. [DOI: 10.38150/sajeb.10(3).p169-175]

iii. Sachin Kishor, Deepa H Dwivedi, Munni Gond and Sutanu Maji (2020). Estimation of intra-cultivar diversity in Dashehari mango (Mangifera indica L.) through stone and kernel parameters. International Journal of Current Microbiology and Applied Sciences. 9 (5): 1271-1276. ISSN 2319-7706. https://doi.org/10.20546/ijcmas.2020.905.141

iv. Vinit Kumar Meena, Suatnu Maji, Rakesh Kumar Meena and Batti Lal Meena (2020). Effect of bio-fertilizer and kitchen waste manure on growth of chilli cv. Pusa Jwala. International Journal of Current Microbiology and Applied Sciences. 9 (6): 420-426. ISSN 2319-7706. https://doi.org/10.20546/ijcmas.2020.906.055

v. Prasenjit Kundu, Nayan Kumar Adhikary and Sutanu Maji (2020). A critical review on use of edible coating to enable shelf life of mango. Current Journal of Applied Sciences and Technology. 39 (27): 116-128 ISSN 2457-1024, Article no- CJAST.60248. DOI: 10.9734/CJAST/2020/v39i2730926

vi. K Singh, S Maji, D H Dwivedi and M Prasad (2020). Nutrient Management of garlic (Allium sativum L.) cv. Bhima Purple in an integrated way. Indian Journal of Ecology. 47(3): 712-715. Manuscript Number: 3071

vii. Mata Prasad, M L Meena, Sanjay Kumar, Sutanu Maji and Rajmani Singh (2021). Effect of integrated weed management practices on yield and quality of onion (Allium cepa L.). South Asian Journal of Experimental Biology. 11 (3): 300-304. DOI: 10.38150/sajeb.11(3).p300-304 ISSN 2230-9799

viii. Srikant Bharty, Sutanu Maji and Som Prakash (2021). Effect of GA3 and 2, 4-D on vegetative growth and yield of pomegranate (Punica granatum L.) cv. Bhagwa. The Pharma Innovation Journal. 10(2): 487-489. ISSN (E): 2277- 7695 (P): 2349-8242

ix. Vinit Kumar Meena, Sutanu Maji and Rakesh Kumar Meena (2021). Effect of combined use of fertilizer, biofertilizers and compost on yield and quality of chilli (Capsicum annum var. fruitescence) cv. Pusa Jwala. Annals of Plant and Soil Research. 23 (2): 145-148. ISSN https://doi.org/10.47815/apsr.2021.10047

x. Namrta Singh, Deepa H Dwivedi, Sachin Kishor and Sutanu Maji (2021). Improvement in growth and yield of strawberry (Fragaria x ananassa Duch.) by mulch colour. Environmental Sustainability. Pp 329-351. ISBN 9789811513893(print) 9789811513909 (online) https://doi.org/10.1007/s42398-021-00167-9

Dr. Ravi Shankar Verma

i. Neeraj Kumar Verma, R.B. Ram, T. Damodaran, R. Lata and R.S. Verma (2020) Evaluation of organic sources of nutrients, microbial inoculant coupled with mulching on growth parameters of strawberry cv. chandler grown on partially reclaimed alkali soil of central Uttar Pradesh published in I.J.A.B.R., VOL.10 (3) 2020:

ii. Neeraj Kumar Verma, R.B. Ram, R.S. Verma and R. Lata (2020) Effect of integrated nutrient management on physico-chemical attributes and B:C ratio of strawberry (Fragaria × ananassaDuch.) published in Annals of Plant and Soil Research 22(3): 301-304 (2020)

iii. Pradeep Kumar Bairwa, R.S. Verma, Harvindra Pal, SomPrakash, Shivendra Kumar and Bhag Chand Shivran(2020)Studies on physical characters of different cultivars of Aonla (EmblicaofficinalisGaertn) published in Indian Journal of Pure & Applied Biosciences Vol no. 8(4) Page no. 631-634.

iv. Samiksha, R.S. Verma, Vivek Kumar Patel, SomPrakash, Shree Kant Muarya andShivendra Kumar (2020)Genetic Divergence in Okra (Abelmoschus esculents (L.) Moench] published in Indian Journal of Pure & Applied Biosciences Vol no. 8(4) Page no. 635-638.

v. Pooja Mishra, Sunita Mishra &Ravi Shankar Verma (2020) Fortification of cookies with miracle powder : Ashwagandha and Moringa powder published in International Journal of Food Science and Technology Vol.10,Issue 2, Dec 2020,9-18.

vi. PragyaDubey, Sunita Mishra & Ravi Shankar Verma (2020) Nutritional composition of miracle cereal finger millet (Eleusinecoracana) and its innovative product development published in Research Journal of Agricultural Sciences 12(1):63-67.

vii. KamleshMeena, R.S. Verma, Harvinder Pal, SomPrakash and Shivendra Kumar(2020) Effect of foliar application of micronutrients on chemical characters of winter season guava (Psidiumguajava) cv.L-49. International journal of chemical studies.vol no. 8(6) page no. 416-417.

viii. Shivendrakumar, RB Ram, RS Verma, PradeepkumarBairwa and KamleshMeena(2020) Studies on chemical parameters of guava (Psidiumguajava L.) genotypes under Lucknow condition published in Multilogic in Science. Vol no. X,Issue XXXIV.

ix. Samiksha, R. S. Verma*, S. K. Verma, SomPrakash, Shivendra Kumar and Shree Kant Maurya(2021) Studies on correlation and path coefficient analysis in Okra [Abelmoschus esculents (L.) Moench]. Int. J. Curr. Microbiol. App. Sci(2021) 10(03): 277-284

Dr. Rubee Lata

i. Rupesh Kumar Mandal, Rubee Lata, RS Verma and RB Ram (2021). Effect of different substrates on yield of Oyster mushroom (Pleurotus florida). Journal of Pharmacognosy and Phytochemistry 2021; 10(4): 337-339.

ii. Rupesh Kumar Mandal, Rubee Lata, RS Verma and RB Ram (2021). Efficacy of different substrates on growth of Oyster mushroom (Pleurotus florida). The Pharma Innovation Journal 2021; 10(7): 1143-1145.

iii. P Sonkar, RB Ram, SK Chaturvedi, R Lata, D Maurya(2020). Chywanprash: One of the Commercial Aonla Product and its Nutritional Values in Relation to Human Health. Nutritional Trends in Family & Community 1, 78.

iv. R Lata, RB Ram, DH Dwivedi, ML Meena (2020). Spices and Health Care. Nutritional Trends in Family & Community 1, 93.

v. A Yadav, RB Ram, R Lata, GC Yadav (2020). Effect of INM on growth, bulb yield and quality of onion (Allium cepa L.) cv. Agrifound Dark Red. International Journal of Chemical Studies 8 (1), 2514-2516

vi. N.K. Verma, RB Ram, T. Damodaran, R Lata and R.S. Verma. (2020). Evaluation of organic

sources of nutrients, microbial inoculants coupled with mulching on growth parameters of strawberry cv. Chandler grown on partially reclaimed alkali soil of central Uttar Pradesh. International Journal of Advanced Biological Research. 10(3): 1-4.

vii. Neeraj Kumar Verma, R.B. Ram, R.S. Verma and R. Lata (2020) Effect of integrated nutrient management on physico-chemical attributes and B:C ratio of strawberry (Fragaria × ananassaDuch.) published in Annals of Plant and Soil Research 22(3): 301-304 (2020)

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

Dr. M.L. Meena

i. Attended the five Days e-FDP on "Ethical Circular & Sustainable Fashion Tran disciplinary Approaches" conducted by Amity School of Fashion Technology, Amity University, organising From , 12th to 16th july, 2021.

ii. Attended the five Days National Workshop on " Intellectual Property Rights" held from February 1to 5 2021, organised by Department of Law, BBAU in Assocition with Cell for IPR Promotion and Management, Lucknow.

iii. Attended the National e-Workshop on " National Level Assignment Based Workshop on Mendeley-A Referencing Software" organised by College of Community Science, AAU in Collabration with Exigencias Youth Foundation during the 18-25 Jan,2021.

iv. Attended the Two week National e- Training on Day " Indian Agricultural Education System and Entrepreneurship Scope in 21st Century" organised by National Agricultural Higher Education Project (IG) R. Panjabrao Deshmukh Krishi Vidyapeeth , Akola, during August, 05 – August, 14,2020, 2020.

Dr. Sutanu Maji

Conference Proceedings (International):

i. Singh, N., Dwivedi, D.H., Maji, S. and Kishor, S. (2020). Screening of phytometabolites in oil from cape gooseberry (*Physalis peruviana* L.) fruit pomace. Acta Hortic. 1292, 371-376 DOI: 10.17660/ActaHortic.2020.1292.49 https://doi.org/10.17660/ActaHortic.2020.1292.49 ISSN 0567-7572

ii. Kishor, S., Dwivedi, D.H., Maji, S. and Singh, N. (2020). Morphological characterization of intra-varietal heterogeneity in 'Dashehari' mango (Mangifera indica L.). Acta Hortic. 1297, 209-220. DOI: 10.17660/ActaHortic.2020.1297.29 https://doi.org/10.17660/ActaHortic.2020.1297.29 ISSN 0567-7572

Popular articles:

i. Mata Prasad, Sutanu Maji and Rajmani Singh. (2020). Kharif payaj ki unnatshil kheti. Marumegh Kishan E Patrika (ISSN 2456-2904).

ii. Ankit Kumar Goyal, Sutanu Maji, S K Goyal, Amit Kanojia and Suruchi Tomar (2019). Dragon fruit ek anokha phal. Vindhya Krishi, Kharif 2019. ISSN 0974-9934.

Dr. Ravi Shankar Verma

Seminars/Conferences/ Webinars attended:

i. Participated and presented paper on the Topic 'Biodiversity in fruit crops in International Global Conference on Our Biodiversity, Our Food & Our Health organized by Blue Planet Society Prayagraj, Global Environment and Social Association (GESA), New Delhi, Botanical Survey of India, CRC, Prayagraj Deptt. of Zoology Govt. PG College, Saidabad Prayagraj, U.P. and IASR Kolkata W.B., Indiafrom 21st - 22nd May 2019.

ii. Participated in National seminar in Prioritiesand strategies to boost farmers income held at IISR, Lucknow on14th June 2019.

iii. Participated and presented paper on the Topic 'Effect of Integrated Nutrient Management on Performance of Dragon fruit (*Hylocereusundatus*L.)' in National Seminar on the Occasion of National Unity Day on 'Horticulture: A Boon for Indian Economy' organized by Deptt of Horticulture held at Babasaheb Bhimrao Ambedkar University, Lucknow on 31st October, 2019.

iv. Participated in National Conference on Research Development in Fisheries held on Nov 7th – 8th,2019 organized by Department of Zoology, BBAU Lucknow.

v. Participated and presented paper on the Topic 'Food and Nutritional Security through Horticulture' 1st International Conference on Environment and Society (ICES 2019) organized by Global Environment and Social Association (GESA), New Delhi, DG PG College, Kanpur, U.P. and Asian Biological Research Foundation (ABRF), India.

vi. Participated in 'Puratan Chhatra Samagam Samarohevam do diwasiya rashtriya Sangosthi' on 'Rashtra Nirman main SaishikSansthano ka Yogdan: BhavishwavadiDristhtikod' held on 10-11th January, 2020 organized by Babasaheb Bhimrao Ambedkar University, Lucknow.

Dr. Rubee Lata

i. Participated in webinar on 'Production and Processing of Horticulture Crops' organized by Department of Horticulture, Aromatic and Medicinal Plants, Mizoram University on 26th May 2020.

ii. National Level Webinar on "Environmental Protection: Post COVID 19 Strategy and Public Participation" organised by the NSS unit of Institute of Commerce, Nirma University, Ahmadabad on 05 June 2020.

iii. International webinar on 'Accounting Education And Accounting Profession: Post Covid 19' organized by Institute Of Commerce, Nirma University (ICNU), Ahmedabad, India on 6th June, 2020.

iv. Participated in BSHF Webinar Series on 'Sea buckthorn: A Himalayan Wellness Crop organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 15th December, 2020.

v. Attended BSHF Webinar Series 2 TALK-7 on 'New Age Cultivation of Liliums and Uses' speaker:-Dr.Markandey Singh, Principal Scientist, Division of Floriculture and Landscaping, IARI, New Delhi organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 16th December, 2020.

vi. Attended BSHF Webinar Series-1, Talk-12 : "Home Gardening: The Way Forward To Be Safe and Healthy" by speaker:-Dr M L Chadha organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 19th December, 2020.

vii. Attended BSHF Webinar Series-2, Talk-8 : Lotus Cultivation and Uses by speaker:-Dr Lalita Kameswari, Senior scientist organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 23rd December, 2020.

viii. Attended BSHF Webinar Series-1, Talk-13 : "Andaman's Indigenous Vegetables for Nutrition and Entrepreneurship by speaker:- Dr. Shrawan Singh, Senior Scientist, IARI organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 26th December, 2020.

ix. Attended Hortalk-54 : Traditional & molecular breeding approaches to manage abiotic stresses in tomato, speaker:- Dr Nagendra Rai, Principal Scientist, ICAR-IIVR, Varanasi (UP) organized by Progressive Horticulture on 27th December, 2020.

x. Attended BSHF Webinar Series-2 Talk-9 'New Age Cultivation of Carnations and Uses', speaker:- Dr Youdh Chand Gupta, Dr. YSPUHF, Nauni, Solan (HP) organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 30th December, 2020.

xi. Attended BSHF Webinar Series-1,Talk-15 :" Off-season Vegetable Growing for Nutrition and Entrepreneurship", speaker :- Dr. Akhilesh Sharma, Professor & Head, Department of Vegetable Science & Floriculture, CSK Himachal Pradesh organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 16th January, 2021.

xii. Attended BSHF Webinar Series-2, Talk-11 : New Age Cultivation of Jasmine Flowers and Uses, speaker:- Professor M. Jawaharlal, Director of Extension Education, Former Dean of Horticulture, TNAU, Coimbatore, Tamil Nadu, organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 20th January, 2021.

xiii. Attended BSHF Webinar Series-2, Talk-12 : New Age Cultivation of Gerbera Flowers and Uses, Speaker:-Dr Puja Sharma, Associate Professor, Deptt of Floriculture & Landscape Architecture, Dr YS Parmar University of Horticulture &Forestry Nauni, Solan, HP organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 27th January, 2021.

xiv. Attended BSHF Webinar Series-1, Talk-17 : Genetic Resources of Vegetable Crops (A Potential Source of Nutrition and Entrepreneurship in NEH Region of India), Speaker:-Dr. Veerendra Kumar Verma, Senior Scientist-Horticulture (Vegetable Science) Incharge Division of Horticulture ICAR Research Complex for NEH Region Umiam, Meghalaya organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 30th January, 2021.

xv. Attended BSHF Webinar Series-2, Talk-13 : 'New Age Cultivation of Anthuriums and Uses', Speaker:- Dr.Mini Sankar, Assistant Professor, College of Agriculture,KAU, Vellanikkara, Thrissur, Kerala organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 3 February, 2021.

xvi. Attended BSHF Webinar Series-1, Talk_18 : Moringa for Nutrition and Entrepreneurship', Speaker:-Dr. T. Arumugam, Dean (Horticulture), Horticultural College and Research Institute, Periyakulam TNAU, Coimbatore, TN., Complex for NEH Region Umiam, Meghalaya organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 6th February, 2021.

xvii. Attended BSHF Webinar Series 'Vegetable for nutrition and entrepreneurship' on 'Capsicum for nutrition and entrepreneurship' organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 23rd January, 2021.

xviii. Attended BSHF Webinar Series-2, Talk-14 : New Age Cultivation of Tulips and Uses', Speaker:- Dr Imtiyaz T. Nazki, Professor, Division of Floriculture & Landscape Architecture, Faculty of Horticulture, SKUAST-K, Shalimar, UT-J&K organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 10th February, 2021.

xix. Attended BSHF Webinar Series-1, Talk-19 : "Mushrooms for Nutrition and Entrepreneurship", Speaker:- Dr Manjit Singh, Ex-Director ICAR-DMR, Solan, Vice President, WSMBMP, organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 13th February, 2021.

xx. Attended BSHF Webinar Series-2, Talk-15 : New Age Cultivation of Tuberose & Uses', Speaker:- Dr. Meenakshi Srinivas, Rtd. Principal Scientist & Head Division of Ornamental Crops ICAR-IIHR, Bangalore organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 17th February, 2021.

xxi. Attended BSHF Webinar Series-1, Talk-20 "Aquatic Vegetables for Nutrition and Entrepreneurship", Speaker:- Dr. Jitender Singh, Dean, Pt. KLS College of Horticulture and Research Station, Rajnandgaon, IGKV, Raipur, Chhattisgarh organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 20th February, 2021.

xxii. Attended BSFH Webinar Series-2, Talk-16 : New Age Cultivation of Heliconia and Uses', Speaker:- Dr. Safeena S. A. , Senior Scientist (Floriculture and Landscaping) Division of Flower and Medicinal Crops, ICAR – IIHR, Bengaluru organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 24th February, 2021.

xxiii. Attended BSHF Webinar Series-1, Talk-21 : Tropical Tuber Vegetables for Nutrition and Entrepreneurship', Speaker:- Dr. M. S. Sajeev, Principal Scientist & Head i/c Division of Crop Utilization, ICAR- Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 27th February, 2021.

xxiv. Attended BSHF Webinar Series-2, Talk-17 : New Age Cultivation of Alstroemeria and Uses', Speaker:- Dr Bharati Kashyap, Associate Professor (Floriculture and Landscaping), Department of Floriculture and Landscape Architecture, DR YS Parmar University, Solan, HP organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 3rd March, 2021.

10. Details of National Award/fellowship :

Dr. R. S. Verma

Distinguished Service Award - Given by GESA, New Delhi (India).

11. Students achievements:

i. 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	Lalit Kumar	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
2	Shatrunjay Yadav	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
3	Shreekant Maurya	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
4	Pradeep Kumar	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
5	Anushruti	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
6	Vikas Kumar Sonkar	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
7	Amit Kr. Bhargava	Prof. R. B. Ram, Professor, Deptt. of Horticulture
8	Rajeev Kumar	Prof. R. B. Ram, Professor, Deptt. of Horticulture
9	Prem Kumar	Prof. R. B. Ram, Professor, Deptt. of Horticulture
10	Viplaw Kumar	Prof. R. B. Ram, Professor, Deptt. of Horticulture
11	Mohit Kumar	Prof. R. B. Ram, Professor, Deptt. of Horticulture
12	Neeraj Kumar Verma	Prof. R. B. Ram, Professor, Deptt. of Horticulture
13	Mr. Shrikant Bharty	Prof. D. H. Dwivedi,Professor, Deptt. of Horticulture
14	Vishal Verma	Prof. D. H. Dwivedi,Professor, Deptt. of Horticulture
15	Sudheer Kumar Yadav	Prof. D. H. Dwivedi,Professor, Deptt. of Horticulture
16	Sooraj Maurya	Prof. D. H. Dwivedi,Professor, Deptt. of Horticulture
17	Rajesh Kumar Meena	Prof. D. H. Dwivedi,Professor, Deptt. of Horticulture
18	Mr. Bhagchand Shivran	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
19	Rajmani Singh	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
20	Ruchika Abha	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
21	Abhishek Tiwari	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture

22	Razauddin	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
23	Mata Prasad	Dr. Sutanu Maji, Asstt. Prof. Deptt. of Horticulture
24	Mayaram	Dr. Sutanu Maji, Asstt. Prof. Deptt. of Horticulture
25	Ramesh Chandra Meena	Dr. Sutanu Maji, Asstt. Prof. Deptt. of Horticulture
26	Som Prakash	Dr. R S. Verma, Asstt. Prof. Deptt. of Horticulture
27	Harvendra Pal	Dr. R. S. Verma, Asstt. Prof. Deptt. of Horticulture
28	Vipnesh Singh	Dr. R. S. Verma, Asstt. Prof. Deptt. of Horticulture
29	Dharmraj Meena	Dr. R. S. Verma, Asstt. Prof. Deptt. of Horticulture
30	Rupesh Kumar Mandal	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture
31	Shivendra Kumar	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture
32	Brajendra Kr. Pushkar	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture
33	Usha Shukla	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture

ii. M.Sc.(Ag.) Horticulture

Sl. No.	Name	Supervisor
1	Udayabhan Nishad	Prof. Sanjay Kumar, Professor & Head, Deptt. of Horticulture
2	Jaya Bharti Ahirwar	Prof. Sanjay Kumar, Professor & Head, Deptt. of Horticulture
3	Pratiksha	Prof. Sanjay Kumar, Professor & Head, Deptt. of Horticulture
4	Anil Salvi	Prof. Sanjay Kumar, Professor & Head, Deptt. of Horticulture
5	Sonam Meena	Prof. Sanjay Kumar, Professor & Head, Deptt. of Horticulture
6	Anuj Chaurasiya	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
7	Pooja Mishra	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
8	Ankita Gautam	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
9	Vishal Kumar	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
10	Viseshwar Dayal	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
11	Vipin Kumar	Prof. R. B. Ram, Professor & Dean, SAST, Deptt. of Horticulture
12	Rameshavar Lal	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
13	Kaushal Kishor	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
14	Rahul Kumar Meena	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
15	Ashok Kumar	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
16	Sunita	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
17	Ganesh Kr. Choupdar	Dr. M. L. Meena, Asstt. Professor, Deptt. of Horticulture
18	Narendra Kumar	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture
19	Sunil Kumar	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture

20	Pradhan Bairwa	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture
21	Vikram Meena	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture
22	Rohit Singh	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture
23	Sudhanshu Verma	Dr. Sutanu Maji, Asstt. Professor, Deptt. of Horticulture
24	Pawan Kumar Verma	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
25	Puneet Mishra	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
26	Ravikant	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
27	Nikita Divakar	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
28	Kriparam Meena	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
29	Shyam Kumar	Dr. Ravi Shankar Verma, Asstt. Professor, Deptt. of Horticulture
30	Sunil Kumar Sharma	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture
31	Devendra Kumar	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture
32	Paparam Ram	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture
33	Rajbanshi Yadav	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture
34	Mohit Kumar Gautam	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture
35	Rahul Kumar	Dr. Rubee Lata, Asstt. Professor, Deptt. of Horticulture

iii. Thesis Submission/Degree Awarded

Sl. No.	Name of students	Year of Submission	Topic	Supervisor
1	Mr. Pradeep Kumar	2021	Studies on the influence of varieties and spacing on growth, yield and quality traits of sprouting broccoli (Brassica oleracea L. var. italica Plenck.)	Prof. Sanjay Kumar
2	Mr. Neeraj Kumar Verma	2021	Efficacy of organics, bio-inoculant and mulching on the performance of strawberry (Fragaria x ananasa Duch.) cv. Chandler grown on partially reclaimed alkali soil of central Uttar Pradesh	Prof. R. B.Ram
3	Munni Gond	2020	Morphological and Molecular Analysis of Intervarietal Variability in Water Chestnut (Trapa natans var. bispinosa Roxb.) in Central Uttar Pradesh	Prof. Deepa H. Dwivedi

- **Number of student complete their Masters/Graduations/Diploma:** 35 (Thirty five)
- **Number of students selected in Civil services (UPSC/UPPSC):** 01(UPPSC)
- **Details of students selected for teaching in higher education:** 02 (Private Sector)
- **Number of student pursuing higher studies**: 09 (Nine)
- **Number of student selected on other government jobs/banking/school teaching etc.:** 02(Two)
- **Number of student awarded SLET/NET/JRF/any other fellowship:**
- **NET:** Result not declare

- **UGC Fellowship:** 11 (Eleven)

11. Google profile of the faculty members:

i. **Prof. Sanjay Kumar:** Citations -629, h index-14, i10 index-23
ii. **Prof. R.B. Ram:** Citations -732, h index-13, i10 index-20
iii. **Prof. Deepa H. Dwivedi:** Citations -226, h index-07, i10 index-04
iv. **Dr. M. L. Meena:** Citations -435, h index-11, i10 index-13
v. **Dr. Sutanu Maji:** Citations -654 h index-14, i10 index-22
vi. **Dr. R. S. Verma:** Citations -35 h index-03, i10 index-01
vii. **Dr. Rubee Lata:** Citations -141, h index-7, i10 index-4

Ambedkar School of Social Sciences (ASSS)

Ambedkar School of Social Sciences (ASSS) was earlier known as 'School for Ambedkar Studies' and later 'School of Ambedkar Studies for Social Sciences'. The School first started with the departments of Economics and History and later added two new departments and one Centre. Most recently, it added one more department. The School started its academic programme in the session 1997-98. It currently has five post-graduate and one undergraduate departments, which include Department of History, Department of Political Science, Department of Sociology, Department of Economics 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 organisations to enrich its academic programmes for increasing opportunities for employment of its products and contribute to social development of the people, particularly the marginalized. Presently, it has the following departments and center -

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 quality education and training through advance method of learning and engaging the students and faculties with meaningful research. The department is committed to make an institute of academic excellence in teaching & research in applied and contemporary economic issues. The department currently run M.A., M.Phil. & 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 order to cater to the demand of students.

1. Courses Offered:

i. M.A. in Economics

ii. Ph.D. in Economics

2. Facilities available in the Department:

i. Department has well-equipped computer centre with internet facility, access of major research databases, statistical software such as Stata & SPSS.

ii. Departmental air conditioned documentation centre has latest text and reference books, 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 latest computer facilities with statistical software and individual chamber.

3. Details of the Faculty:

i. Prof. N.M.P. Verma

- Professor,
- Qualification- M.A. , Ph.D.
- Specialization-Development Economics, Macro Economics, Industrial Economics

ii. Prof. Sanatan Nayak

- Professor & Head
- Qualification- M.A., M.Phil., Ph.D. M.Sc. (Ecology & Environment)
- Specialization- Environmental Economics, Econometrics, Computer Applications in Economics, Agricultural Economics.

iii. Prof. L.C. Mallaiah

- Professor
- Qualification- M.A. M. Phil.,Ph.D.
- Specialization- Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination

iv. Dr. D. K. Yadav

- Assistant Professor
- Qualification- M.A., Ph.D.
- Specialization- Monetary Economics, Econometrics Mathematical Economics, Statistics, Public Economics

v. Dr. Surendra Meher

- Assistant Professor
- Qualification- M.A., M.Phil., Ph.D.
- Specialization- Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics

vi. Dr. Pranav Kumar Anand

- Assistant Professor
- Qualification- M.A., M.Phil., Ph.D.
- Specialization- Agricultural Economics, Economics of Growth and Development, Quantitative

Methods, Public Economics & Indian Economy

vii. Dr. Surendra Singh Jatav

- Assistant Professor
- Qualification- M.A., M.Phil., Ph.D.
- Specialization-Economics of Climate Change, Environmental Economics, Microeconomics, Statistics, Agricultural Economics, Development Economics

4. Details of the Seminar/Conference organised by the Department:

National Conference on **"34th National Conference on Agricultural Marketing"** organized by BBAU-ISAM, Hyderabad, Organizing Conference Secretary Prof. L C Maillaiah" during 16th -18th March, 2021.

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

Prof. N. M. P. Verma

i. Editor-in-chief**,** International Journal of Social Science & Development Policy

ii. Editorial Board, International Journal of Economics & Finance, Toronto, Canada

iii. Editorial Board, International Banking & Finance, USA

iv. Editorial Board, Varta, published by Allahabad University

v. President, ASEDS, Lucknow

vi. Invited Member, Executive Committee, Indian Economic Association (New Registered)

vii. Life Fellow, Indian Social Science Academy, Allahabad

viii. Life Member, Indian Society of Labour Economics, Delhi

ix. Life Member, Indian Political Economy Association

x. Life member, Indian Institute of Public Administration, New Delhi

xi. Member, International Journal of Economics & Finance., Canada

Prof. Sanatan Nayak

i. Working as Finance Officer (I/C), BBAU.

ii. Working as Head, Dept. of Economics since February, 2019.

iii. Chairman in DRC and BPGS, OBC Committee.

iv. Member in School Board, AC, ICC etc.

Dr. Surendra Meher

i. Life Member, Indian Economic Association

ii. Life Member, Indian Society of Labour Economics

iii. Life Member, Association of Socio-Economic Development Studies Member, BPGS, Department of Economics

iv. Member, Research Advisory Committee, Department of Economics

v. Member, Annual Report Committee and Anti-Discrimination Committee, BBAU, Lucknow

Dr. Pranav Kumar Anand

i. Indian Economic Association (IEA), Estb. 1917: Life Membership (26th February, 2021)

ii. Member and Assistant Editor of International Journal of Social Science and Development Policy (IJSSDP), BBAU, Lucknow for 5 years Since 27/08/2020.
iii. Convener; IXth Convocation, 2020-2021: Seating Arrangement, BBAU.
iv. Member; Admission Brochure Committee, BBAU; for 2021-22; from 16-11-2020.
v. Member; Department of Skills and Vocational Studies; from 16-02-2021.
vi. Member, Information and Guidance Bureau (I & GB), BBAU; from 01-03-2021.
vii. Departmental Alumni Coordinator, Economics: Since, 2019-20
viii. DRC Member, DE, ASSS, BBAU (Since 02/03/2021)
ix. BPGS Member, DE, SEC, BBAU (Since 12/10/2017 to 2020)
x. Member Research Advisory Committee (RAC), Department of Sociology, BBAU; (Since 06/03/2020).

Dr. Surendra Singh Jatav

i. Assistant Editor of Frontiers of Climate Risk Management.
ii. Life Member of Indian Society for Ecological Economics.
iii. Life Member of Indian Society of Agricultural Economics.

6. Details of Books written /edited by faculty member:

Prof. N.M.P. Verma

Routledge Handbook of Exclusion, Inequality and Stigma in India, Routledge, 2020 World edition, US, UK

Dr. D.K. Yadav

Finacial Behaviour of Urban Destitute in India, along with Firdous Ahmad Malik and Dr. Hebatallah Adam, 2020, Notion Press, Chennai, India

7. Details of Books chapter in edited volume:

Prof. N.M.P. Verma

Degree of Financial Exclusion: A Comparative Study of Asian Countries in Routledge Handbook of Exclusion, Inequality and Stigma in India, Routledge, 2020, World edition, USA, UK

Dr. Pranav Kumar Anand

Farmers Issues: An Overview in Contemporary National Issues & Their Remedies (eds.) M.S Narayan, Wakil Kumar Yadav, Tajamul Islam, Notion Press Chennai, India.

8. Paper published during the year by the faculty members:

Prof. N. M. P. Verma

i. GDP movements in high and moderate HDI Economies: An Empirical Investigation along with Gaur, M., Kant, R., **Archives of Business Research**, Vol. 8, No. 6, 2020.
ii. Micro-Economic Determinants of High Technology Exports along with Gaur, M., Kant, R., **European Journal of Business & Management Research**, Vol. 5, No. 5, 2020.

iii. Decadal Decline in Growth and Employment, **Economy India**, February 2021.
iv. Theoretical relationship between Inflation and Unemployment: A Macro Study along with Pritinidhi, **International Journal of Humanities and Social Sciences**, Vol. 9, No. 2, 2020.

Prof. Sanatan Nayak

i. Future Climate Change impacts on Crop Productivity in Coastal Regions of India: A Panel Estimation, along with Surendra Singh and Alka Singh, **Climate Change**, Vol.6, No.21, 2020.
ii. Biophysical limits to Economic Growth and Sustainable Development: Perspectives and Approaches, **Asian Journal of Geological Research**, along with Surendra Singh Jatav and Sonali Narang, Vol 4, No.2, 2021.
iii. Globalisation and Natural resource Consumption in India: A Comparative Study of Pre and Post Economic Reform Period, along with Ekta Srivastava, **Utkal Historical Research Journal**, Vol.34, No.X, 2021.
iv. Development of gender sensitive vulnerability index for urban Indian slums, along with Surendra Singh, **Indian Journal of Traditional Knowledge**, Vol 19, No.3, 2020.
v. Impact of COVID-19 Induced Lockdown on Health and Education: A Survey Based Study along with Alka Singh and Vibha Singh, Innovative **Journal of Medical and Health Science**, Vol.10, No.9, 2020.
vi. Future Climate Change impacts on Crop Productivity in Coastal Regions of India: A Panel Estimation, along with Surendra Singh and Alka Singh, **Climate Change**, Vol.6, No.21, 2020.

Dr. D. K. Yadav

i. An Assessment of Regional Financial Penetration in Contemporary India along with Ekta, **International Journal of Creative Research Thoughts**, Vol. 9, No. 5, 2020.
ii. Awareness of Recent Financial Inclusion Schemes: A Field Level Investigation from Lucknow District along with Ekta, **Finance India Journal**, Vol. 34, No. 2, 2020.
iii. Regional Scenario of Financial Inclusion: Banks and Microfinance Services along with Ekta, **International Journal of Creative Research Thoughts**, Vol. 8, No. 5, 2020.
iv. Purpose of Savings and its Determinants in Case of Destitute Population: An Empirical Analysis of Slum Dwellers along with Firdous M.A., **International Journal of Social, Political and Economic Research**, Vol. 7, No. 3, 2020.

Dr. Surendra Meher

i. Growth and Performance of Micro, Small and Medium Enterprises in India: An Analysis of MSME Survey 2006-07 and NSSO 73rd Round 2015-16 along with Suhail Ahmad Bhat, **Soudh Sarita**, Vol. 7, No. 26(III), 2020.
ii. Trajectories of Rural Development through Khadi and Village Industries in India along with Suhail Ahmad Bhat, **Tathapi**, Vol. 19, No. 14, 2020.
iii. Sustainable Farmer's Participation and Agricultural Marketing System: A Case Study of Uttar Pradesh along with Shekhar, **Indian Journal of Economics and Development**, Vol. 16, 2020.
iv. Impact of Covid-19 Crisis on MSME Sector in India along with Suhail Ahmad Bhat, **NDIM's Journal of Business and Management Research**, Vol. 2, No. 2, 2020.

Dr. Pranav Kumar Anand

Sustainability concerns about Contract Farming on small and Marginal Farmers, Indian Journal of Economics and Development, Vol. 16, 2020.

Dr. Surendra Singh Jatav

i. Farmers' Perception of Climate Change and Adaptation Decisions: A Micro-level Analysis of Farmers in the Bundelkhand Region, India, **Ecological Indicators** (Elsevier), Vol. 116, (2020), ISSN- 1470160X.

ii. Development of Sustainable Livelihood security index for different agro-climatic zones of Uttar Pradesh along with Sanatan Nayak, **Journal of Rural Development** (NIRD, Hyderabad), Vol. 39, No. 1 (2020), ISSN- 09703357.

iii. Assessing livelihood vulnerability of farmers' in backward regions in India, **Indian Journal of Agriculture Research**, Vol. 54, No. 3 (2020), ISSN- 03678245.

iv. Data on social and health vulnerability in rural India: A case of Covid-19, **Data-in-Brief** (Elsevier), Vol. 31 (2020), ISSN- 23523409

v. Development of gender sensitive vulnerability index for urban Indian Slums along with Sanatan Nayak, **Indian Journal of Traditional Knowledge**, Vol. 19, No. 3 (2020), ISSN-09751068.

vi. Future Climate Change impacts on Crop Productivity in Coastal Regions of India: A Panel Estimation, along with Sanatan Nayak and Alka Singh, **Climate Change**, Vol.6, No.21, 2020.

vii. Development of gender sensitive vulnerability index for urban Indian slums, along with Sanatan Nayak, **Indian Journal of Traditional Knowledge**, Vol 19, No.3, July 2020.

viii. Future Climate Change impacts on Crop Productivity in Coastal Regions of India: A Panel Estimation, along with Surendra Singh and Alka Singh, **Climate Change**, Vol.6, No.21, 2020.

ix. Synergies and Trade-offs for Climate Resilient Agriculture in India: An Agro-Climatic Zone Assessment along with NP Singh, **Climatic Change** (Springer Nature), Vol. 116, No. 11, (2021), ISSN No. 01650009.

9. Attended/ participated/presented paper in conference/seminar/workshop inside country:

Prof. N. M. P. Verma

4th ASEDS conf as President, Ram Manohar Lohia Law University, Lucknow, March 2021.

Dr. D.K.Yadav

i. Attended one week Faculty Development Programme on Mentoring Pedagogy & Application of ICT tools for Online Classroom Delivery of Teachers, organized by E&ICT Academy, IIT Guwahati, sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India, during 27 October – 03 November, 2020.

ii. Attended one week Faculty Development Programme on Research Methodology, organized by E&ICT Academy, IIT Guwahati, sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India, during 23 – 28 November, 2020.

iii. Attended two week Refresher Course on Data Analysis with Statistical Methods, organized by Teaching Learning Centre, Ramanujam College, University of Delhi, sponsored by Ministry of Education, during 21st December, 2020 to 3rd January, 2021.

iv. Attended one week Faculty Development Programme on Advanced Time Series and Panel Data Analysis, organized by Department of Management Studies, JIMS, Vasant Kunj, New Delhi, during 5th – 10th July, 2021.

Dr. Surendra Meher

i. Attended one week Faculty Development Programme on Managing Virtual Classrooms and Open Educational Resources organized by Centre for Academic Leadership and Education Management (CALEM), Punjab University, Chandigarh under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with SWAYAM Cell, Institute of Educational Technology and Vocational Education & University Business School, Punjab University, Chandigarh, June 24-29, 2020.

ii. Attended one week Faculty Development Programme on Technology and Instructional Reforms with reference to Online Teaching, Learning & Evaluation organized by Centre for Academic Leadership and Education Management (CALEM), Punjab University, Chandigarh under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with SWAYAM Cell & Institute of Educational Technology and Vocational Education, Punjab University, Chandigarh, July 15-20, 2020.

iii. Attended one week Faculty Development Programme on ICT Enabled Research during COVID Pandemic organized by Staff Training and Research Institution of Distance Education (STRIDE), Indira Gandhi National Open University, Maidan Garhi, New Delhi, August 17-21, 2020.

Dr. Pranav Kumar Anand

Attended/ Refresher Course / Short Term Course:

i. One Week Online Training Programme on Developing Skill Development Strategies for Women Workers in the Informal Economy organized by the V.V. Giri National Labour Institute Sector-24, NOIDA, INDIA, August 24-28, 2020.

ii. One Week Online Faculty Development Programme on ICT Enabled Research during COVID Pandemic", Organized by SRIDE (Staff Training and Research In statute of Distance Education, IGNOU, New Delhi, August 17-21, 2020.

iii. One week Faculty Development Programme on Technology and Instructional Reforms with reference to Online teaching, Learning and Evaluation, Organized by Centre for Academic Leadership and Education Management (CALEM), Punjab University, Chandigarh, July 15 20, 2020.

iv. One week Faculty Development Programme on Managing Virtual Classrooms and Open Educational Resources, Organized by Centre for Academic Leadership and Education Management (CALEM), Punjab University, Chandigarh; June 24- 29, 2020.

v. Certificate Attended a webinar on Population & Development with special reference to Spiritual Socialism", by Department of Economics and Geography and SEWA (NGO); Rajiv Gandhi Government PG College, Ambikapur, Chattisgarh, July 11-12, 2021.

vi. Attended a webinar on Development Communication for a Sustainable Future: Revisiting Gandhian Model of Environmentalism; Organized by Mass Communication and Journalism, Babsaheb Bhimrao Ambedkar University, Lucknow, October, 20-21, 2020.

vii. Attended a webinar on Covid-19 and its Impact on Global Economy organized by Lead India Foundation, August 13, 2020.

viii. Attended a webinar on Implications of Covid-19 Crisis for Labour and Employment in India: Impacts, Strategies and Perspectivews Jointly organized by Institute for Human Development (IHD), International Labour Organisations (ILO) and The Indian Society of Labour Economics, June 8-9, 2020.

ix. Attended a webinar on Covid-19 Crisis: The Global Economy Reshaping organized by CMS, Jain (Deemed-To-Be University), Bengaluru, June 4, 2020.

x. Attended a webinar on Extent of E-Learning and Possibilities organized by Department Of Physical Education Ramabai Government Mahila Post Graduate College, Akbarpur, Ambedkar Nagar, UP & Internal Quality Assurance Cell (IQAC),Government Degree College, Achmohani, Siddharthnagar, UP, India, June 2nd, 2020.

xi. Attended a webinar on Quarantine and Prevention of Diseases: International and Comparative Law Perspectives, organized by Department of Human Rights BBAU, Lucknow, May 25, 2020

10. Attended/ Participated In Conferences / Webinars/ Seminars:

Dr. Surendra Meher

i. Presented a paper entitled "Agricultural Credit and Product Marketing in Uttar Pradesh" with Shekhar in 34th National Conference of Agricultural Marketing organized by Department of Economics, BBAU, Lucknow and Indian Society of Agricultural Marketing, Hyderabad during 16th-18th March, 2021.

ii. Presented a paper entitled "Economy of India with Challenges for Employment during COVID-19" with Ramesh Ram in 4th Annual Conference of ASEDS organized at Dr. Ram Manohar Lohia National Law University, Lucknow on March 19th -20th March, 2021.

iii. Participated in various webinars organized by Indian Society of Labour Economics, Indian Economic Association, National Institute of Rural Development and Panchayati Raj, Hyderabad, BBAU Lucknow, Lucknow University, Lucknow during the period 01.04.2020 to 31.03.2021.

Dr. Pranav Kumar Anand

i. Presented a paper entitled Sustainability concerns about contract farming on small and marginal farmers in 6th National Seminar jointly organized by Department of Economics, Punjabi University, Patiala and The Society of Economics and Development, Ludhiana, June 22th, 2020.

ii. Attended a webinar on Indian Labour Market And Labour Welfare: Need For Hardline Reforms" Organized By Department Of Economics (Aided), PSG College of Arts & Science, Coimbatore and Indian Economics Association (IEA) August 29, 2020.

iii. Attended a webinar on The Ethical and Economic Case for Basic Income in a time of Pandemics jointly organized by Institute for Human Development and The Indian Society of Labour Economics (ISLE), August 7, 2020.

iv. Attended a webinar on The Pandemic and Changing Structure of the World Economy: India's Big Opportunity and Big Risk jointly organized by Institute for Human Development and The Indian Society of Labour Economics (ISLE), July 27, 2020.

v. Attended a webinar on Role of MSMEs in Self reliant India, Organized by Indian Economic Association, July 26, 2020.

vi. Attended a webinar on Impact of Covid-19 in India: A Perspective organized by Mata Sundari College for Women, Department of Political Science, University of Delhi, June 10, 2020.

vii. Attended a webinar on Beyond Covid-19 Pandemic: Gauging Neoliberal Capitalism and Unipolar World order organized by O.P. Jindal Global University, May 30, 2020.

viii. Attended a webinar on Covid-19 and Social Security Measures for Unorganised Workers in India organized by Madurai Kamraj University, Tamilnadu, May 28, 2020.

ix. Attended a webinar on Impact of COVID-19 Lockdown on The Informal Economy organized by Institute for Human Development, The Indian Society of Labour Economics; May 26 2020.

x. Attended a webinar on Empowering MSMEs during Crisis time organized by RV Institute of Management, May 20-23, 2020.

xi. Attended a webinar on Post Pandemic Financial Stress in Indian Business Sector organized by Institute of Management Sciences, University of Lucknow, May 15-16, 2020.

11. Attended/ participated in conference/seminar/workshop outside country

Dr. Pranav Kumar Anand

Attended a webinar on Global Response to COVID-19 organized International Institute of Health Sciences, USA, May 23, 2020.

12. Details of invited lectures inside country.

Prof. N. M. P. Verma

i. Dr. Ram Manohar Lohia Avadh University Ayodhya on April 29,

ii. B. Kamala Nehru Institute of Technology and Social Science Sultanpur on June 2,

iii. Jhunjhunwala Institute of Management, Ayodhya on June 10, and

iv. Devi Ahilya University Indore on June 27,2020.

v. Lectures on Women empowerment, Entrepreneurship Development, Agricultural University, Jaipur dated March 4, March 8 & March 26, 20021, under Atma Nirbhar Bharat.

vi. Delivered keynote on "Indian Economic Performance in the Short Run, Central Institute of Buddhist Study, Leh (online)

vii. Delivered Valedictory address at Amity University, Lucknow ,International webinar on Disruptive Technology and Sustainability, October 29, 2020 aftenoon.

Prof. Sanatan Nayak

i. Delivered a special lecture on topic entitled **"Issues and Challenges in Indian Slums: Covid-19 and The Way Forward"**, BBAU Social Media, on July 31st, 2020, BBAU, Lucknow.

ii. Delivered a special lecture on topic entitled **"Urbanization and Slums in India: The Way Forward",** Uttar Pradesh Economic Forum, on August 30, 2020.

Dr. Surendra Meher

i. Delivered a lecture on topic entitled "Financing for Development, 2030 Global Agenda and Post Covid 19 Challenges", in 1st E-Conference of Jindal Centre of Global South, on December 16, 2020

ii. Co-Chair in Second technical session on "Marketing Models for Agricultural Produce in Vogue and Their Impact on Farm Economy" in 34th National Conference of Agricultural Marketing organized by Department of Economics, BBAU, Lucknow and the Indian Society of Agricultural Marketing, Hyderabad during 16th-18th March.

13. Students achievements:

i. Accomplishment of the students:

- **No. of student completed their Masters Degree.**
  32 Session 2020-21, (IVth Semester M.A. students)

- **Student selected in civil services (UPSC/UPPSC).**

a. Mr. Ankit Gupta, UPPSC, DIET Teacher, Mahatama Gandhi Inter Collage, Unnao, Uttar Pradesh
b. Mr. Pawan Kumar Rao, UPPSC, DIET Teacher, Sitapur, Uttar Pradesh
c. Ms. Priti Jha, UPPSC, DIET Teacher, Govt. Girls Inter Collage, Baharich, Uttar Pradesh

- **Student selection for teaching in higher education.**

a. Dr. Shivani Singh, Programme Officer, Population Council, New Delhi

b. Dr. Parul Verma, Assistant Professor (Contract Basis), Lovely Professional University, Jalandhar, Punjab
c. Dr. Deepanjali Das, Assistant Professor (Contract Basis), Lucknow Christian College, Lucknow, Uttar Pradesh
d. Dr. Pawan Kumar Gupta, Assistant Professor (Contract Basis), Department of Economics, Lucknow University, Lucknow, Uttar Pradesh
e. Dr. Rahul, Assistant Professor (Contract Basis), Swami Darshnanand Institute of Management and Technology, Haridhar
f. Dr. Ruchi Bhalla, Assistant Professor (Adhoc Basis), Jesus and Marry College Delhi University, Delhi

- **Student pursuing higher studies.**

a. Dr. Pragya Sharma, Senior Research Fellow (SRF), Oversight Committee National Green Tribunal
b. Dr. Stuti Haldar, Post Doctoral Fellow (PDF), Indian Institute for Human Settlements, Bangalore
c. Mr. Rizwan Ahmad, Ph.D. in Economics, Dr. Harisingh Gaur University, Sagar, MP
d. Mr. Satyendra Pratap Bharti, M.Phil. in Economics, B.B.A. University, Lucknow
e. Mr. Sukriti Pandey, M.Phil. in Economics, B.B.A. University, Lucknow
f. Mr. Naveen Linda, M.Phil. in Economics, B.B.A. University, Lucknow

- **Student selected on other government jobs/banking/school teaching etc.**

a. Dr. Altaf Ahmed – Sr. Executive (Economist), Jammu and Kashmir Bank, Srinagar
b. Mr. Yasar Mehnood – Junior Assistant, High Court of Jammu and Kashmir
c. Dr. Pritinidhi - Young Professional (Adhoc), Economics Planning Department of Commerce, New Delhi
d. Ms. Princy Agnihotri – Bank Clark, Bank of India, Luckonw
e. Ms. Medhavi Dyuti, -Bank Clerk, Bank of India, Hazaratganj, Lucknow

- **Student awarded SLET/NET/JRF any other fellowship.**

a. Mr. Ramesh Ram, M.Phil. in Economics, batch 2018-19, NET qualified in June, 2020
b. Mr. Yasar Mahmood, Ph.D. in Economics, batch 2018-19, NET qualified in June, 2020
c. Ms. Sukriti Pandey, M.A. in Economic Batch 2019-20, NET qualified in June, 2020.
d. Mr. Nakul Deowanshi, M.A. in Economic Batch 2019-20, JRF/NET qualified in June, 2020.
e. Mr. Satyendra Pratap Bharti, M.A. in Economic Batch 2019-20, NET qualified in June, 2020.

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

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

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1	Altaf Ahmad	Prof. N.M.P. Verma	An Analysis of Promotion and Performance of MSMEs : A Study of Jammu and Srinagar Districts
2	Parul Verma	Prof. L.C. Mallaiah	The Pertinence of Dr. B.R. Ambedkar's Views on Economic Development after New Economic Reforms in India
3	Pragya Sharma	Prof. Sanatan Nayak	Groundwater Sustainability : A Common Pool Resource Approach Towards its Management
4	Ruchi Bhalla	Dr. Surendra Meher	Interlinkages between Human Development Indicators and Economic Growth in India : A Study with Reference to Kerala and Uttar Pradesh
5	Ravindra Sah	Dr. Sanatan Nayak	Indoor Air Pollution and Poverty: Comparative Study of Rural Bihar and Rural Uttar Pradesh
6	Pratinidhi	Prof. N.M.P. Verma	Short Run Linkage between Inflation and Unemployment during Pre and Post-Recession : A Study of India
7	Pawan Kumar Gupta	Prof. N.M.P. Verma	Multinational's Investment in the Economy of Uttar Pradesh : A Study of Noida

b. Faculty wise supervision of the M.Phil. Dissertation Awarded:

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1.	Ashvanee Kumar	Prof. Sanatan Nayak	The Economic Assessment of Swachh Bharat Abhiyan (Gramin) in Uttar Pradesh : A Case Study of Auraiya Distrct
2.	Saleha Jameel Ansari	Dr. D.K. Yadav	Misalignment between Foreign Exchange Rate and Fundamental Variables: A Comparative Study of India, China and USA
3.	Asma Farooq	Dr. Pranav Kumar Anand	Status, Availability and Utilisation of Health Services for Women : A Study of Kulgam District of Jammu and Kashmir
4.	Shanu Kumar	Prof. N.M.P. Verma	An Analysis of Exchange Rate Determination and Factors Affecting its Volatility in India : A Time Series Analysis

c. Faculty wise supervision of the M.Phil. Dissertation Submitted:

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil. Topic
1.	Anjali Singh	Prof. N.M.P. Verma	Economic Evaluation of State Co-operative Agriculture and Rural Development Banks.
2	Pragya Patel	Prof. L. C. Mallaiah	Crude Oil Prices: Its Impact on the Profitability and Performance of National Oil Companies in India.

d. Faculty wise supervision of the Ph.D. Student pursuing Ph.D. degree:

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1	Priti Jha	Prof. Sanatan Nayak	Linkage between Trade and Scarcity of Water : A Case Study of Water Intensive Industry in Uttar Pradesh
2	Alka Singh	Prof. Sanatan Nayak	Displacement Due to Development of Projects: A Case Study of Lucknow District in Uttar Pradesh
3	Naveen	Prof. N.M.P. Verma	Political Economy of Public Expenditure in India during Post-Reform Period: Social Choice Vs Redistribution
4	Anjali Singh	Prof. N.M.P. Verma	An Economic Analysis of Investment and Marketing Efficiency of Jaggery Industry in UP: A Study of Ayodhya District
5	Ekta Srivastava	Prof. Sanatan Nayak	Economic Development and CO_2 Emissions: A Household Level Study of Lucknow District in Uttar Pradesh.
6	Mukesh Kumar	Prof. Sanatan Nayak	Capital Formation in Agriculture Sector in India: A Case Study of Bundelkhand Region
7	Pawan Kumar Rao	Prof. L.C. Mallaiah	Impact of New Economic Reforms on Leather Industries in Uttar Pradesh
8	Mohd Abdullah	Prof. L.C. Mallaiah	Human Development Index of Gujjars in Jammu and Kashmir
9	Vidhya Bharti Rai	Prof. L.C. Mallaiah	Economic Analysis of Cultivators in Uttarakhand: A Gender Persepective
10	Rabiya Javed	Dr. D.K.Yadav	Impact of Monetary and Fiscal Policies on Macroeconomic Variables.
11	Shekhar	Dr. Surendra Meher	Evaluation of Agricultural Market Efficiency in India: A Comparative Study of Punjab and Uttar Pradesh
12	Samarth Shukla	Dr. Pranav Kumar Anand	Sectoral Dualism in India: A Study of Structural Change since 1991
13	Yasar Mehmood	Dr. Pranav Kumar Anand	An Economic Analysis of Agricultural Sector in Jammu & Kashmir from Since 1991.
14	Debabrata Sahoo	Prof. Sanatan Nayak	Extraction of Mineral Resources & Its Impact on Rural Livelihood: A Study on Odisha (Tentative)
15	Kuhu Awasthi	Dr. Surendra Meher	Labour Productivity and Wages in the Organised Manufacturing Sector of India: An Interstate Analysis (Tentative)
16	Sadhana Singh	Prof. L.C. Mallaiah	Impact of Industrial Credit on Industrial Development in Uttar Pradesh with special reference to MSMEs (Tentative)
17	Manoj Kumar	Prof. Sanatan Nayak	Rural Healthcare Infrastructure in India: A Case Study of Primary Healthcare Infrastructure in Jaunpur District of Uttar Pradesh (Tentative)
18	Brijesh Kumar	Prof. N.M.P. Verma	Fiscal Policies and Its Impact on Slowdown in Manufacturing Sector in India Cases of Automobile Sector (Tentative)

19	Ved Prakash	Dr. Pranav Kumar Anand	Women's Participation and Employment Creation: Role of MGNREGA with Special Reference to Bareilly Division Uttar Pradesh (Tentative)
20	Supriya Gautam	Prof. L.C. Mallaiah	The Impact of FPO's on Socio Economic Development of Small and Marginal Farmers in Uttar Pradesh (Tentative)
21	Mohd Sadiq	Dr. Surendra Meher	Impact of Tourism on Employment and Income Generation in India: A Comparative Case Study of Kashmir and Ladakh (Tentative)
22	Vikas Pratap Singh	Prof. N.M.P. Verma	A Study OF Corporate Taxation and Its Impact on Net Income and Net Profit of Major FMCG Companies in India (Tentative)
23	Shreya Kanojia	Dr. D.K.Yadav	Interlinkage OF Agricultural Credit, Issue of NPA and Farmer's Income and Suicide: A Regional Analysis (Tentative)
24	Pushpendra Kumar Singh	Prof. Sanatan Nayak	Impact of Housing Poverty on Nutritional Level of Urban Slum in Uttar Pradesh (Tentative)
25	Ashu Chaudhary	Dr. Pranav Kumar Anand	A Study on Consumers' Perception and Satisfaction towards Organic Products in Lucknow District (Tentative)
26	Anushka Singh	Dr. Surendra Meher	Unpaid Care Work and Employment Dynamics among Females in India: A Case Study of Uttar Pradesh (Tentative)
27	Disha Ghildiyal	Prof. L. C. Mallaiah	Economic Analysis of Organic Farming in Uttarakhand (Tentative)

e. Faculty wise supervision of the Ph.D. Thesis Submitted:

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1	Firdous Malik	Dr. D K Yadav	Impact of Recent Financial Inclusion schemes on Financial Behaviour of Poorest of the Poor : A Comparative Study of Slum Dwellers and Beggars in Lucknow and Kolkata
2	Suhail Ahmad Bhat	Dr. Surendra Meher	An Economic Analysis of Small Scale Industries : A Comparative Study of Jammu and Kashmir
3	Ekta	Dr. D. K. Yadav	Micro-Finance Movement in India : A Comparative Study of Southern and Northern Part of India
4	Kanti Devi	Prof. N.M.P. Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons

f. Faculty wise supervision of the M.Phil. Students Submitted M.Phil. Degree:

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1.	Anjali Singh	Prof. N.M.P. Verma	Crude Oil Prices: Its Impact on the Profitability and Performance of National Oil Companies in India.
2.	Pragya Patel	Dr. L.C. Mallaiah	Economic Evaluation of State Co-operative Agriculture and Rural Development Banks.

g. Faculty wise supervision of the M.Phil. Student pursuing M.Phil. Degree:

Sl. No.	Name of Scholars	Name of Supervisor	Topic
1.	Nathoo Bharti	Prof. Sanatan Nayak	Water Degradation and Its Impact on Agriculture and livelihood: A Case Study of Rohini River in Maharajganj District UP (Tentative)
2.	Ramesh Ram	Dr. Surendra Meher	Trends and Patterns in Employment and Unemployment during the Post-Globalisation Period in India (Tentative)

h. PDF Submitted:

Prof. N.M.P. Verma-

PDF topic entitled **"Productivity Performance of Agro-Based Industries in Western Uttar Pradesh-An Analytical Study",** by Dr. Hemlata pursuing since Feb., 2017, ICSSR sanction letter no. F.No.-3-03/2016-17/PDF, dated 14.03.2017

i. PDF pursuing:

Prof. Sanatan Nayak-

PDF topic entitled **"Inequities and Health Costs Measurement in Urban Drinking water and Sanitation: A Case Study of Lucknow City",** by Dr. Rashmi Shukla pursuing since July, 2017, ICSSR sanction letter no. F.No.-3-05/2016-17/PDF/SC, dated 19.01.2017

14. Google profile of the faculty members.

i. Prof. Sanatan Nayak

Indicators	All	Since 2016
Citations	50	44
h-index	3	3
i10-index	2	2

ii. Dr. Surendra Singh Jatav

Indicators	All	Since 2016
Citations	64	59
h-index	4	4
i10-index	3	2

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, overhead projector, starboard, and photocopy machine.

1. Courses offered : M. A. & Ph.D

Duration of M.A. programme is 2 years and PhD minimum 3 Years and maximum 5 Years.

2. Facilities available in the Department:

Computer Lab cum Library

3. Details of the Faculty:

i. Prof. Shashi Kant Pandey

- Professor & Head
- M.A, Ph. D (BHU, Varanasi)
- **Areas of specialization:** Indian Politics, Local Self Government, Electoral Politics in India, Human Rights
- **Email**: skpabbau@gmail.com

ii. Prof. 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. Prof. Sartik Bagh

- Professor
- 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@gmail.com

iv. Dr. Siddhartha Mukerji

- Assistant 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

v. 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

vi. 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

4. Membership of Academic Bodies/ Editorial Board:

Prof. Shashi Kant Pandey

i. Indian Political Science Association

ii. Member: Editorial/ Advisory Board, Azad Academy Journal (ISSN Number 2248-9835)

iii. 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.)

iv. 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.

5. Chapter in Edited Book:

i. **Prof. Shashi Kant Pandey**, "Bhartya Janta Party Victory in Uttar Pradesh: A Shift from Caste Based Politics" in an book entitled *Electoral Dynamics in the States of India*, edited by Sandeep Shastri, Ashutosh Kumar and Yatindra Singh Sisodia (2021), Routledge

ii. **Dr. Siddhartha Mukerji**, "Recent transitions in India's Public Health Policy: layering patterns and inherent bottlenecks", in Rumki Basu's edited, *Democracy and Public Policy in the Post-Covid World: Choices and Outcomes*, 2021, London and New York: Routledge, pp.158-175

Journal papers:

i. Dr. Siddhartha Mukerji, "Social Roots of Local Politics: Women Contestants in the Panchayat Elections of Uttar Pradesh (2015)", Indian Journal of Gender Studies (Sage Publications), February 2021, Vol.28, No.1, pp.113-126

ii. Dr. Siddhartha Mukerji, "Social and Structural Change Through Digital India Programme: Innovations and Emerging Challenges", IASSI Quarterly, October-December, 2020, Vol.39, No.4, pp.684-698

iii. Dr. Siddhartha Mukerji, "Differing Manifestations of Regulations", The Book Review Journal, 12 December 2020, Vol. XLIV, No. 12, pp.19-20

iv. Dr. Preety Choudhari, An Analysis of Rawalpindi Conspiracy Case and Martial Law Imposition (1958), The Indian Journal of Politics, Vol.54, No.1-2, 2020,pp. 89-100.

v. Dr. Preety Choudhari, 'Importance of Hierarchy in Understanding Caste in India: Some Competing Theories,' Journal of Uttarakhand Academy of Administration Nainital (JUAAN), Vol.1, No. 4, 2020, pp. 41-54.

6. Paper Presentation/Participation in Seminar/Workshop/Conference/Symposium inside the country:

i. Prof. Shashi Kant Pandey, Delivered Lecture in a International Webinar organized by Department of Political Science, Lal Bahadur Shastri Post Graduate College, Gonda, U.P. on the topic "Covid 19 and Indian Politics " on 20 May, 2020

ii. Prof. Shashi Kant Pandey, Delivered Lecture in a National Webinar organized by Society for Promotion of Libraries, Uttar Pradesh and KISHNO Foundation, New Delhi on the topic "Relevance of Gandhian Thought in Post Covid Era" on 25 September, 2020

iii. Dr. Preety Choudhari, An online three days national symposium on " Covid 19 and the Indian Political Landscape:Reexamining the Indian Democratic System"organised by Vasanta College for Women, B.H.U.,Varanasi., 20-5-20

iv. Dr. Preety Choudhari, National E-Seminar on Swadwshi and Self -Reliance to fight Covid-1, Organised by K.S.Saket P.G.College,Ayodhya in collaboration with Institute of Engineering &Technology , Dr.Rammanhor Lohia Avadh Univetsity ,Ayodhya. 23-5-20

7. Consultancy:

i. Prof. Shashi Kant Pandey, Invited by DDUSIRD (Lucknow) for Assessment and Certification of Master Trainers/Resource Persons on 24-25 March ,2021

ii. Prof. Shashi Kant Pandey, Conducted Online Assessment Programme for SIRD (Tripura) for Assessment and Certification of Master Trainers/Resource Persons on 2-3 August ,2020

8. Invited lectures inside the country:

i. Prof. Shashi Kant Pandey, Delivered Lecture Organized by Rajiv Gandhi Study Circle, Bahraich as Chief Guest on the Topic "Rajiv Gandhi and His Vision of Modern India" on 29th August, 2020

ii. Prof. Shashi Kant Pandey, Delivered Lecture in a Faculty Induction Programme organized by the UGC- Human Resource Centre, BHU, Varanasi on the Topic " Indian Democracy at the Crossroads: Challenges and Opportunities" on 09 December, 2020

iii. Prof. Shashi Kant Pandey, Delivered online lecture organized by A.B.M. (P.G.) College, Jamshedpur on the topic as Key Speaker "Gandhi Darshan Evam Samajik Chetna Ka Swarup" on 2nd October,2020

iv. Prof. Shashi Kant Pandey, Delivered Lecture in a Refresher Course organized by the Department of Political Science, Allahabad University, Allahabad on the Topic " Bhartiya Janta Party Victory in Uttar Pradesh: A Shift from Caste Based Politics" on 10 October 2020

v. Prof. Shashi Kant Pandey, Delivered Lecture (Online) as a Key Speaker organized by NanaJi

Deshmukh Training and Research Institute, Jabalpur on the topic " Vartman Samay me Gandhi Darshasn Ki Prasangikta" on 24 October,2020

vi. Prof. Shashi Kant Pandey, Delivered Lecture Organized by the Department of Political Science , University of Lucknow on the Topic "Gandhi- Tagore Debate: Points of Convergence and Divergence" on 23 September,2020

vii. Prof. Sartik Bagh, "Multicultural Classrooms and Inclusive Pedagogies", HRDC, Jamia Millia Islamia, New Delhi, 28/11/2020.

viii. Prof. Sartik Bagh, "Mahatma Gandhi at Present Situation", Organised by Chintan Pravah, Lucknow, 29/09/2020.

ix. Dr. Preety Choudhari, Role of women in Munshi Premchad's Literature organised by Girls, P.G. College,Ghazi Pur.29th July

x. Dr. Preety Choudhari, Pragatisheel Sahitya ke Aaine me Munshi Premchand,organised by chain for change society,Lucknow.30 June2020

xi. Dr. Preety Choudhari, China Crisis: Our Options Beyond Rhetoric And Optics,organised by Sarokar a NGO based in western U.P.,11th July2020.

xii. Dr. Preety Choudhari, Sahitya,Patrkarita aour Stri,organised by Lucknow Book fair committee.8th March 2020.

xiii. Dr. Preety Choudhari, Lecture on Dr.Ambedkar's book" What Congress and Gandhi have done to the Untouchables.31st May2020

xiv. Dr. Preety Choudhari, Global Politics and Challenges for States During Covid 19.25th May,2020

xv. Ms. Manjari Raj Oraon, Constitutional Provisions and Women's Rights, Mohanlal Sukhadia University, Udaipur, Rajasthan, 06.03.2021

xvi. Ms. Manjari Raj Oraon, . Source of Law: Constitution, Mohanlal Sukhadia University, Udaipur, Rajasthan, 23.03.2021

xvii. Ms. Manjari Raj Oraon, Women's rights as human rights, Mohanlal Sukhadia University, Udaipur, Rajasthan, 24.03.2021

xviii. Ms. Manjari Raj Oraon, U. N. Conference and Convention on Women, Mohanlal Sukhadia University, Udaipur, Rajasthan, 26.03.2021

9. Details of research Projects:

Title of the Project	Funding Agency	Duration (Specific Dates)	Total Grant	Role PI/ Co-PI	Faculty Collaborators
Real Estate Sector and Rural Migration: A Study of Lucknow	Stockholm University, Sweden	2015-2020	Rs.500,000	Co-PI	Prof. S.K. Pandey, Prof. Sartik Bagh and Dr. Siddhartha Mukerji
Members of Parliament (MPs)and Contemporary Foreign Policy :An Analysis of Parliamentary Proceedings"	Lok Sabha, Government of India	2018-20	Rs. 10,00000	PI	Dr. Preety Choudhari

10. Students achievements:

i. Faculty wise Supervision of the Ph.D. degree awarded-

- Prof. Sartik Bagh – 01

- Prof. Ripu Sudan Singh – 01

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

- Prof. S. K. Pandey – 02
- Prof. Ripu Sudan Singh – 01
- Prof. Sartik Bagh – 01
- Dr. Siddhartha Mukerji – 01

iii. Faculty wise supervision of the students pursuing Ph.D.

S. No.	Name of Faculty	Name of the Scholars
1	Prof. Shashi Kant Pandey	Santosh Kumar
2		Mehdi Ali
3		Shraddha Mishra
4		Abhishek Kumar
5		Jitendra Singh Yadav
6		Shivendra Tiwari
7		Teeka Ram
8		Vimlesh Kumar
9		Rinkoo
10	Prof. Ripu Sudan Singh	Avneesh Kumar Gautam
11		Vikas Shukla
12		Nazir Hussain
13		Gukhu Mega
14		Kumari Pooja Bharti
15		Sikha Ojha
16	Prof. Sartik Bagh	Dinesh Kumar
17		Jay Bahadur Uttam
18		Sanjay Kumar
19		Mohamad
20		Pramod Kumar Sharma
21		Vivek Kumar
22		Balan G
23		Mridul Malay
24	Dr. Siddhartha Mukerji	Ajay Kumar Pathak
25		Pramod Kumar Pandey
26		Ram Surat Yadav
27		Anuj Kumar
28		Rakesh Kumar
29	Dr. Preety Choudhari	Ankita Shukla
30		Rekha Yadav
31		Ritesh Kumar
32		Shiv Kumar Kharwar

v. Accomplishments of students:

- Number of student completed their master/graduation/Diploma- **23 students completed master's programme of the Department**
- Number of student selected on other government jobs/banking/school teaching etc- **01 students selected in teaching position in government organization**
- Number of student pursuing higher studies -**01**
- Number of student awarded SLET/NET/JRF/any other fellowship-

  a.NET- 03

  b. JRF-01

Department of Sociology

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

1. Course Offered:

M. A., M. Phil & Ph. D Programmes

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

Departmental Computer Lab cum-Library available in the Department

3. Details of Faculty:

Sr. no.	Name	Designation	Qualification	Area of Specialization	Teaching Experience
1.	Kameshwar Choudhary	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Globalization; Development Perspectives; Sociology of Education; Sociological Theory	28 Years
2.	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	23 Years
3.	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	23 Years
4.	Birendra Narain Dubey	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Education; Tribal Sociology; Social Justice and Social Movements	21 Years
5.	**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	21 Years
6.	Brajesh Kumar	Assistant Professor	M.A., Ph.D. (BHU, Varanasi)	Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education	13 Years

7.	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.	6 months

4. Members /Fellowship of Professional/Academic Bodies/ Editorial board:

Prof. Kameshwar Choudhary

i. Member, Board of Studies, Deptt. of Sociology, A.M.U., Aligarh
ii. Member, Board of Studies, Sociology, RMN Lohia University, Faizabad
iii. Life member, Indian Sociological Society
iv. Life member, Indian Social Science Association
v. Life member, Indian Academy of Social Sciences

Prof. Bibhuti Bhushan Malik

i. Member, Peer Team, NAAC at West Bengal State University, West Bengal, Kolkata, 18th February 2021 to 21st February 2021
ii. Assessor, NAAC (National Assessment and Accreditation Council), Bangalore.
iii. Participated in a NAAC Awareness Programme, organized by Lucknow Public College of Professional Studies, Gomati Nagar, Lucknow on 22nd June 2019
iv. Expert in Public Service Commission /Higher Education Commission
v. Member of Selection and Screening Committees
vi. Member of Campus Development Committees
vii. Member (as Chairman EOC), Advisory Committee for all Issues related to PWD of the University, Babasaheb Bhimrao Ambedkar University, Lucknow since 24/3/2021
viii. Member, Open & Distance Learning, Babasaheb Bhimrao Ambedkar University, Lucknow, from 13th February 2021 onwards.
ix. Chairman, Committee for finalization of terms, conditions, age and qualification for appointment of Ambedkar Chair Professor, on 22/12/2020
x. Member, Committee for Purchase of UTM Fire Wall of the University Computer Centre, Babasaheb Bhimrao Ambedkar University, Lucknow 2020.
xi. Chairman as Proctor, Committee for Ventilation Grill in the Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow August 2020.
xii. Member, Committee for Designing the Main Gate of the University, Babasaheb Bhimrao Ambedkar University, Lucknow 2020.
xiii. Member of Other (Miscellaneous) Committees
xiv. Member, Committee for Issues of Dept. of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
xv. Member, Committee for pay Fixation of Prof. Ramchandra and F O Ramashankar Singh, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
xvi. Member, Committee for Remuneration of Guest Faculty/Resource Person, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020

Academic Leadership Programme:

Completed one week Online Training Programme on Academic Leadership on the theme of *Gender Equality* organized by Centre for Academic Leadership and Education Management (CALEM), Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), Ministry of Education, Govt. of India, at the UGC HRDC, Aligarh Muslim University, Aligarh from 16 March 2021 to 22 March 2021.

Prof. Manish Kumar Verma

i. Member, 'Institutional Ethics Committee', Sanjay Gandhi Post Graduate Institute for Medical Sciences (SGPGI), Lucknow from 15.11.2016 to 14.11.2019.
ii. Committee Member, Indian Sociological Society (ISS) from January 2016 to December 2021.
iii. Member, Academic Council, BBAU, Lucknow
iv. Member, School Board, School for Ambedkar Studies, BBAU, Lucknow
v. Member, International Sociological Association (ISA)
vi. Managing Committee Member, Indian Sociological Society (ISS)
vii. Life Member, Indian Sociological Society (ISS)
viii. Life Member, Rajasthan Sociological Association (RSA)
ix. Deputy Coordinator, UGC-SAP, BBAU, Lucknow
x. Peer Reviewer/Content Reviewer of Study Material, Sikkim Manipal University
xi. Course-Coordinator, Sikkim Manipal University
xii. Secretary, RC-07, Rural, Tribal and Peasant sociology of Indian Sociological Society (ISS)
xiii. Member, Advisory Board, journal 'Abhisaran', Bid, Maharastra
xiv. Member, Editorial Board, journal 'Research Process', Aurangabad, Maharastra
xv. Member, Editorial Board, International Journal, "Social Science and Development Policy", Lucknow
xvi. Member, BPGS, Department of Sociology, Tripura Central University, Agartala
xvii. Member, BPGS, Department of Sociology, University of Ranchi, Ranchi
xviii. Member, Editorial Board, journal 'Research Process', Aurangabad, Maharastra
xix. Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow
xx. Member, DRC, Deptt. of Sociology, BBAU, Lucknow

Prof. Birendra Narain Dubey

i. Life Member, International Sociological Association
ii. Life Member, Indian Sociological Society
iii. Chairman, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow
iv. Chairman, 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. Life Member, Indian Sociological Society.
ii. Member, American Sociological Society.
iii. Life Member, Asian Association of Women's Studies.
iv. Life Member, Indian Association of Women's Studies.
v. Life Member, Indian Social Science Academy.
vi. Life Member, Indian Social Science Association.
vii. Life Member, ASEDS
viii. Member, Editorial Board, All Journals published by Rajakiya Sangrahalaya, Jhansi.
ix. Member, Editorial Board, Indian Journal of Bio-Research, Social Science Volume, Lucknow.
x. Member, Editorial Board, Research Post Journal, Jaipur.
xi. Member, Academic Council, Babasaheb Bhimrao Ambedkar University, Lucknow.
xii. Chairperson &Member, Departmental Research Committee (DRC), Department of Sociology, SAS, BBAU, Lucknow.
xiii. Chairperson &Member, Board of Post-Graduate Studies (BPGS), Department of Sociology, BBAU,Lucknow.
xiv. Chairperson &Member, Internal Quality Assurance Cell (IQAC), Department of Sociology, BBAU, Lucknow.
xv. Member, Implementation of National Education Policy, BBAU, Lucknow
xvi. Member, Manpower Monitoring Committee, BBAU, Lucknow
xvii. Member, Gender Champion Committee, BBAU, Lucknow
xviii. Member, Committee to explore the possibilities for submitting the application for Open and Distance Learning, BBAU, Lucknow.

Dr. Brajesh Kumar

i. Lifetime Member, Indian Sociological Society, New Delhi.
ii. Lifetime Member, Indian Association of Teacher Educators, Bareilly.
iii. Member, International Sociological Association, Madrid, Spain.
iv. Member, International Union for the Scientific Study of Population.

Dr. Ajay Kumar

i. Life Member (LMI-3836), Indian Sociological Society, New Delhi.
ii. Member of Research Committee-9, Dalits and Backword Classes, Indian Sociological Society, New Delhi.
iii. Member of Research Committee-10, Gender Studies, Indian Sociological Society, New Delhi.
iv. Member of Research Committee-17, Social Movements, Indian Sociological Society, New Delhi.
v. 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.
vi. Member, DRC, Deptt. of Sociology, BBAU, Lucknow
vii. Member of Research Degree Committee of University (RDCU) BBAU.
viii. Member, Editorial Board, the perspective International Journal of Social Science and Humanities.

5. Detail of books written/edited by faculty members:

Prof. Manish K. Verma

"Environment, Development and Sustainability in India: Perspectives, Issues and Alternatives', edited book published from Springer Nature, Germany. 2021. (ISBN: 978-981-33-6248-2)

6. Details of book Chapter in edited volume

Prof. Bibhuti Bhushan Malik

"Tribal Development and Social Exclusion: Nuances of Alternative Development Paradigm", *Tribes in Transition: Contemporary Discourses,* Sudheer Srivastava and Saubhagya Ranjan Padhi (ed.), Gyan Publishing House, New Delhi, 2020, ISBN No. - 978-81-2129884 (Page No. 95-106) (with Saubhagya)

Prof. Manish K. Verma

"Impact of Poverty and Exclusion: An Empirical Analysis", paper Published in NMP Verma & Alpana Shrivastava edited book on, "The Routledge Handbook of Inequality, Exclusion and Stigma in India", Routledge, Taylor & Francis Group, United Kingdom. 2020. [ISBN: 978-0-367-27238-8 (hbk); ISBN: 978-0-429-29570-6 (ebk)]

Dr. Ajay Kumar

Kumar Ajay. (2021) ''गाँधी–आंबेडकरः साझा सपनों के लिए रिक्त स्थान'' in yatindra singh Sidodiya, Gopal Krishn Sharma, Ashish Bhatt (Ed.), महात्मा गाँधीः इक्कीसवीं सदी का भारतीय एवं वैश्विक परिप्रेक्ष्य. Under the Publication MPICSSR, Ujjain.

7. Paper published during the year by the faculty members:

Prof. Bibhuti Bhushan Malik

"Impact of the Covid-19 Pandemic on Lifestyle and Well Being of Population" (co-author) *Indian Journal of Pure & Applied Bioscience,* Volume 9, Issue 3, May – June 2021, {ISSN: 2582 – 2845} pp 64-72, DOI: http://dx.doi.org/10.18782/2582-2845.8690

Book Review:

"The Politics of Poverty Reduction in India: The UPA Government, by James Chiriyankandath, Diego Maiorano, James Manor, and Louise Tillin, 2004 to 2014. Hyderabad: Orient Black Swan, 2020", *Sociological Bulletin*, Volume 69 Issue 3 September- December 2020, {ISSN0038-0229} (pp 418 – 420).

Prof. Manish K. Verma

"Impact of the Covid-19 Pandemic on Lifestyle and Well Being of Population" (co-author) *Indian Journal of Pure & Applied Bioscience,* Volume 9, Issue 3, May – June 2021, {ISSN: 2582 – 2845} pp 64-72, DOI: http://dx.doi.org/10.18782/2582-2845.8690

Book Review:

Lalta Prasad book "Betwixt Development and Discontent: Dalit Adivasis on the South-Eastern Margins of Uttar Pradesh", Delhi: Concept Publishing Company Pvt. Ltd., 2017, Published in Sociological Bulletin, Vol 69, Issue 3, November-December 2020. (ISSN 0268-5809)

Dr. Brajesh Kumar

"Incidence and Intensity of Academic Deprivation among Children in India", *Journal of Society and Change*, Vol. XIV, No. 1, pp. 7-15.

Dr Ajay Kumar

i. [Kumar, Ajay. (2021). ''भारत में समाजशास्त्र का उद् भव एवं विकासः एक दृष्टि'' A research paper has been published in **भारतीय समाजशास्त्र समीक्षा**, INDIAN SOCIOLOGICAL SOCIETY (ISSN 2349-1396). Vol.– 8(1) 3–74, 2021, Published by SAGE Publications. [UGC-CARE List Group I-Social Sciences Sr.No.38.] See Source: https://ugccare.unipune.ac.in/Apps1/User/WebA/DesciplinewiseList?DiscpID=3&DiscpName=Social%20Sciences]

ii. [Kumar, Ajay. (January-2021). "हिंदी लोकवृत्त की समस्याएं: अस्मिता बनाने बिगाड़ने के खेल में मूल कार्यभार से दूर होते गए' A discussion research paper has been published in Bharteey Bhasha Parishad monthly journal Vagarth (ISSN 2394-1723). Vol.– जून 2021 : वर्ष 27 II अंक 307, (online) UGC-CARE List Group I-Indian Languages Sr.No.105] See Source : https://vagartha.bharatiyabhashaparishad.org/hindi-lokvritt-kii-samasyaen/ https://ugccare.unipune.ac.in/Apps1/User/WebA/OtherLanguage]

iii. [Kumar, Ajay. (2020). ''अस्पृश्यता एवं जाति विवादः कलंकित मानवता के खिलाफ गाँधी–अम्बेडकर का साझा संघर्ष'' A research paper has been published in Samajik Vimarsh vol. 3 issue no. 1. Council for Social Development, New Delhi, Published by SAGE. [UGC-CARE List Group I-Social Sciences Sr.No. 240] ISSN: 2581 6543, See Source: https://ugccare.unipune.ac.in/Apps1/User/WebA/Desciplinewise List? Discp ID=3&Discp Name= Social % 20Sciences

Book Review:

Kumar, Ajay. (Volume 8, Issue 15, Januray-June-2020). A Book Review Paper on ''दलितों में भी दलितः बात से बात खडिंत आख्यान, भारतीय जनतंत्र में अदृश्य लोगः बद्री नारायण" A Book Review Article has been published in प्रतिमानः समय, समाज, संस्कृति, समाज–विज्ञान और मानविकी की पूर्व–समीक्षित अर्धवार्षिक पत्रिका, Vol. 8, Issue 15, January-June-2020, Centre For The Study Of Developing Societies, New Delhi, Published by Vani Publications.

8. Attended/Participated in Conferences/Seminars/Workshop inside country:

Dr. Jaya Shrivastava

i. Participated the special lecture on "Caste Based Discrimination and Its Effect on Financialization & Crime Reporting"organised by Department of Economics, School of Economics & Commerce (SEC), BBAU, Lucknow on February 6th, 2020.

ii. Participated in One Day Awareness Generation Programme in University on Problem of Addiction among Youth and Role of Various Stakeholders in Drug Demand Reduction, sponsored by National Institute of Social Defence, Ministry of Social Justice & Empowerment, Govt. of India organised by Centre for the Study of Social Exclusion and Inclusive Policy (CSSIEP), B. B. Ambedkar University, Lucknow on November 27th, 2019 and performed the duty of a Judge in the Slogan and Poster competitions organised on "Drug Abuse and Its Ill Effects".

Dr. Brajesh Kumar

i. Webinar on "Consequences and Challenges of Reverse Migration in India", Organised by IIHMR University, Jaipur, April 26, 2020.

ii. National Webinar on "Changing Methods of Working and Technology", Organised by Hansraj College, University of Delhi, May 27, 2020.

iii. Webinar on "Heartful Leadership: Transforming Education and Supporting Sustainability", Organised by IIHMR, University, Jaipur, June 20, 2020.

iv. Management Development Programme on "How to Conduct Qualitative Research", Organised by IIHMR, Jaipur, July 09-11, 2020.

9. Attended/Participated in Conferences/Seminars/Workshop outside country:

Prof. Manish K. Verma

Presented a paper on, **"Displaced people in a Volatile World: The Nuances of Infrastructure and Livelihood"** in the IV ISA Forum of Sociology of International Sociological Association at Porto Alegre, Brazil from Feb' 23-28, 2021.

Prof. Jaya Shrivastava

Participated in the special lecture on "Caste Based Discrimination and Its Effect on Financialization & Crime Reporting" organised by Department of Economics, School of Economics & Commerce (SEC), BBAU, Lucknow on February 6th, 2020.

10. Details of invited lectures inside country:

Prof. Kameshwar Choudhary

i. Delivered lecture as panel expert on "Globalisation, Inequality in Opportunities and Democratic Discontent", in National Webinar organised by Shia P.G. College, Lucknow, held on May 16-17, 2020.

ii. Delivered lecture on "Mixed Methods in Social Research", in Refresher Course in Sociology & Social Work, organised by Deptt. Of Sociology, University of Jammu, on 20.02.2021.

Prof. Bibhuti Bhushan Malik

i. Delivered lecture in Pre-PhD coursework Sociology on "Subaltern Prospective: David Hardiman" organized by Hindu P.G. College, Muradabad, Uttar Pradesh on 2nd August 2021

ii. Delivered lecture in Pre-PhD coursework Sociology on "Subaltern Prospective: Dr. B. R. Ambedkar" organized by Hindu P.G. College, Muradabad, Uttar Pradesh on 21st June 2021

iii. Delivered Lecture on 'Dr. B.R. Ambedkar: Contribution and Idea for Nation Building' organized by University School of Open Learning (USOL), Panjab University, Chandigarh on 23rd April 2021

iv. Delivered Lecture on *Globalisation, Environment and Development: Ethical and Empirical Paradox* at the National Seminar on Social Ecology, Environment and Sustainable Development in Uttar Pradesh: Issues and Challenges organized by Dept. of Sociology, Lucknow University, Lucknow on 20-21 March 2021

v. Delivered Lecture on 'Relevance of Social Science in Present Context' by Deogiri College, Aurangabad on 12th March 2021

vi. Delivered the keynote address of the National E-seminar on 'Advance Research Methodology in Social Sciences organized by Department of Sociology and History, Sir Sayyed College, Aurangabad, Maharashtra on 28th December 2020

vii. Delivered Lecture on 'Changing Dimensions of Caste in Indian Society organized by Badlav Santhan, Udaipur on 6th December 2020

viii. Delivered Lecture on 'Nuances of National Education Policy-2020' organized by Department of Sociology, Punjab University, Chandigarh on 24th October 2020

ix. Delivered Lecture on 'New National Education Policy-2020: Coordination with Students for better learning Environment' organized by Tilak Mahavidyalaya, Auraiya, Uttar Pradesh on 11th September 2020

x. Delivered Lecture on 'Participatory Research and Case Study Method' organized by Rabindranath Tagore University, Bhopal, Madhya Pradesh on 27th August 2020

xi. Delivered Lecture on 'New Education Policy 2020: Prospectus and Challenges organized by

xii. Academic Board, Laluk College, Assam on 18th August 2020

xiii. Delivered Lecture as Keynote speaker on 'Environment, Health and Corona Pandemic' at National Webinar Series on "Cross-Platform Dialogues: A National Webinar Series Across Eight Disciplines" Organized by P.G. Department of Sociology, Rajiv Gandhi University, Rona Hills, Arunachal Pradesh on 28th July 2020

xiv. Delivered Lecture as Keynote speaker on 'Labourers in India and Corona Pandemic: The Coping Strategies' at two days National Webinar on "Social Responsibility during the time of Global Pandemic in 21st Century" Organized by P.G. Department of Sociology, Sambalpur University, Jyoti Vihar, Burla, Odisha in collaboration with Indian Sociological Society (ISS), New Delhi, on 2nd and 3rd July 2020.

Prof. Manish K. Verma

i. Delivered Invited Lecture as Resource Person on 12th March 2021 on the theme "**Sampling and sampling Techniques**" to the participants of Seven Days International Research Methodology Workshop conducted by the Centre for the Study of Social Exclusion and Inclusive Policies, University of Hyderabad in collaboration with ICSSR regional center Hyderabad scheduled during March 16-21, 2021.

ii. Delivered Invited Lecture as Resource Person on March 20, 2021 on the theme "**Environmental Movements in India**" in a National Seminar organized by the Department of Sociology, University of Lucknow, Lucknow on the theme, **"Social ecology, Environment and Sustainable Development in Uttar Pradesh: Issues and Challenges"** scheduled on March 8 - 14, 2021.

iii. Delivered Invited Lecture as Resource Person on 20th March 2021 on the theme "**Environmental Movements**" to the participants of Refresher Course conducted by the UGC-HRDC, North Eastern Hill University, Shillong on the theme, **"Forecasting Social Unrest: Cliodynamics"** scheduled during March 16-21, 2021.

iv. Delivered Invited Lectures as Resource Person on 13th March 2021 on the theme "**Environmental Movements in India**" to the participants of Third / Fourth Faculty Induction Program conducted by the UGC-HRDC, BHU, Varanasi scheduled between February 26 – March 21, 2021.

v. Delivered Invited Lecture as Resource Person on 19th February 2021 on the theme "**Development induced displacement and Social Justice**" to the participants of 121 / 122 Faculty Induction Program / Orientation Program conducted by the UGC-HRDC, DDU, Gorakhpur University, Gorakhpur.

vi. Delivered two (02) Invited Lectures as Resource Person on 4th December 2020 on the theme "**Development, Social Justice and Environmental Issues in India**" to the participants of First / Second Faculty Induction Program conducted by the UGC-HRDC, BHU, Varanasi scheduled between December 1 – 28, 2020.

vii. Delivered Invited Lecture as Key Note Speaker on 20th October 2020 on the theme

"**Strategies of Atma Nirbhar Bharat in the Context of Youth Migrant Labourers**" in a National Webinar organized by Patna Women's College, Patna.

viii. Chaired a session on, **"Development Communication for a Sustainable Future: revisiting the Gandhian Model of Environmentalism"** in an International Web Seminar organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow on October' 20-21, 2021.

ix. Delivered Invited Lecture as Key Note Speaker in the Valedictory Session on the theme "**Expanding Horizons of Sociology: Basic Institutional Changes**" in a International Webinar organized by Sociological Society, Himachal Pradesh on 18th October 2020.

x. Delivered Invited Lecture as Resource Person on 14th October 2020 on the theme "**Development, Marginality and the Issues of Displacement: A Multi-disciplinary Approach**" to the participants of Ph.D. Course work of the University of Kota, Kota.

xi. Delivered Invited Lecture as Resource Person on "**Development, Marginality and the Issues of Displacement**" in Faculty Induction Training Program being organized by Faculty Development Centre (FDC), Iswar Saran PG College, University of Allahabad, Prayagraj on 22 Sept' 2020 scheduled between 16 Sept' 2020 to 1 Oct' 2020.

xii. Delivered Invited Lecture as Resource Person on 19th August 2020 on the theme "**VII Criteria of NAAC**" in a Webinar organized by the IQAC Cell (Under UGC PARAMARSH scheme) of Ranvir Thakur Rananvijay PG College, Amethi scheduled between August 12-19, 2020.

xiii. Delivered Invited Lecture as **Key Note Speaker** on 29th July 2020 on the theme "**Environment, Development and Covid- 19**" in a National Webinar organized by Post Graduate Govt. PG College for Girls, Sector 42, Chandigarh.

xiv. Delivered Invited Lecture as Resource Person on 1st July, 2020 on the theme "**Environment, Society and Covid- 19**" in a National Webinar organized by Ethnographic and Folk Culture Society, Lucknow in Collaboration with Deptt. of Sociology, University of Lucknow, Lucknow on the theme, **"Covid- 19: Socio-cultural and Biological Issues"** scheduled on June 30 & July 1, 2020.

xv. Delivered Invited Lecture as Resource Person on June 30, 2020 on the theme "**Socio-economic and Political Impacts of Covid-19**" in an International Webinar organized by Arya Kanya Mahila PG College, Varanasi on the theme, **"Issues and Challenges to Indian Society in Scenario of Covid-19"** scheduled on June 30 - July 1, 2020.

xvi. Delivered Invited Lecture as Guest of Honour on 28th June 2020 on the theme "**Environmental Imact of Covid- 19**" in an International Webinar organized by Ranvir Thakur Rananvijay PG College, Amethi on the theme, **"Impact of Covid-19 in India"** scheduled on June 28-29, 2020.

xvii. Delivered lecture as Guest of Honor on 20th June 2020 in the 1st **Bihar Sociological Society** Webinar on, **"Human Development in Bihar: Contemporary Issues and challenges"** held on June' 20-21, 2020

xviii. Chaired a session on, **"Migration and Reverse Migration"** in the 1st **Bihar Sociological Society** Webinar on, **"Human development in Bihar: Contemporary Issues and challenges"** held on June' 20-21, 2020

xix. Delivered Invited Lecture as Resource Person on 31st May, 2020 on the theme "**Impact of Covid-19 on Family, Marriage and Kinship in India**" in an International Webinar organized by Government Thakur Ranmat Singh College, Rewa in collaboration with RC-02, Indian Sociological Society on the theme, **"Impact of Lockdown on Family, Kinship and Marriage"** scheduled on May 24, 31st & June 7, 2020.

xx. Delivered Invited Lecture as Key Note Speaker on 27th May 2020 on the theme "**Impact of Covid- 19 on Migrant Labourer of Bihar: A Sociological Analysis**" in a National Webinar

organized by T.N.B. College, Bhagalpur.

xxi. Delivered Invited Lecture as Resource Person on 30th April 2020 on the theme "**Environment, Development and Covid-19**" in a National Webinar organized by DAV PG College, Varanasi on the theme, **"Corona Calamity: Its Social and Economic Consequences on India"** scheduled on April 20-21, 2020.

Prof. Birendra N. Dubey

i. **Delivered a lecture as the Keynote speaker** at the National webinar on the theme "New Education Policy 2020: Future prospects and Challenges" jointly organized by Dr. Ambedkar Government PG College, Unchahar, Rae Bareli and Government Degree College, Haripur, Nihasta, Raebareli, Uttar Pradesh, June10, 2020.

ii. **Delivered a lecture as a panelist** at the National webinar on the theme "Migration: Role, Reasons and Responsibilities" organized by Department of Sociology, S.S. Khanna Girls' Degree College, Prayagraj, Uttar Pradesh, June08, 2020.

iii. **Delivered a lecture as a panelist** at one-day National webinar on the theme "Impact of COVID-19 on Indian Society and Culture" organized by Department of Sociology, R.S. PG College, Rudrapur, Deoria, Uttar Pradesh, June02, 2020.

iv. **Delivered a lecture as a panelist** at one-day National webinar on the theme "COVID-19: Issues, Challenges and Opportunities"organized by IGNOU Regional Centre, Lucknow, Uttar Pradesh, May 17, 2020.

v. **Delivered a lecture as a panelist** at two-day International webinar on the theme "Socio-Cultural and Economic Impact of COVID-19 Pandemic:A Global Perspective" organized by the Department of Sociology, M.B.P. Government PG College, Ashiana, Lucknow,Uttar Pradesh, June 13-14, 2020.

Prof. Jaya Shrivastava

i. **Delivered an invited lecture as a Key Note Speaker in a national webinar** on the topic "Domestic Violence" organized under Misssion Shakti(An initiative of Govternemnt of Uttar Pradesh) organized by P. G. Department of Sociology, Isabella Thorbourn College, Lucknow, on March 13th, 2021.

ii. **Delivered an invited lecture as a Key Note Speaker** on the topic "Mainstreaming through Gender Sensitization and Legal Awareness" in a webinar on "Gender Sensitization: Issues and Challenges in 21st Century" organized by Kr. R. C. Mahila Mahavidyalaya, Mainpuri, Dr. Bhimrao Ambedkar University, Agra on September 27th, 2020.

iii. **Delivered an invited lecture as a Resource Person** on the topic "Alternative Research Approaches to the Identification of Marginalized Local People's Problems and their Solutions" in a "7 Days Faculty Development programme in Social Sciences" organized by Department of Sociology and Social Work, Rani Durgawati University, Jabalpur, M.P. on July 12th, 2020.

iv. **Delivered an invited lecture as a Resource Person** for the Five Days Online Programme organized by Faculty of Law, University of Lucknow on "Legal Research Methodology on the topic "Socio-Legal Research" on July 7th, 2020.

v. **Delivered an invited lecture as a Resource Person** on the topic "Impact of COVID-19 on Indian Rural Women" in a National Webinar organized by Department of Sociology & IQAC Cell, D.P. Vipra College, Bilaspur, M.P. on June 27th, 2020.

vi. **Delivered an invited lecture** as a Resource Person on the topic "Formulation of Research Problem" in the Seven Days Faculty Development Programme on Research methodology organized by Netaji Subhash Chandra Bose Governemnt Girls P.G. College, Aliganj, Lucknow on June 23rd, 2020.

vii. **Chaired and addressed a technical Session** "PS IX: Education" in a National Conference on Human Development in Bihar: Contemporary Issues and Challenges organized by Bihar Sociological Society (BSS) on June 21st, 2020.

viii. **Delivered an invited lecture** as a Resource Person on "Impact of COVID-19 induced Lockdown on Indian Women: Problems and Possibilities" in a National Webinar organized by Department of Sociology and Social Work, Rani Durgawati University, Jabalpur, M.P. on June 14th, 2020.

ix. **Delivered a Public Talk/Lecture** on the topic "Culture, Caregiving and COVID-19 Crisis: Understanding the Plight of Elderly in India" in the live lecture series organized by Babasaheb Bhimrao Ambedkar University Social Media Team on Facebook Live, June 6th, 2020.

11. Details of invited lectures outside country:

Prof. Manish K. Verma

i. **Chaired** a session on, **"Role of Local Governments and their Relationship with Governments at the Regional and National Levels in Different Countries"** in the IV ISA Forum of Sociology of International Sociological Association at Porto Alegre, Brazil from Feb' 23-28, 2021.

ii. **Organized** a session on, **"Ecology, Environment and Sustainable Development: Issues of Climate Change, Mountain Cities, Demographic Pressure and Tourist Influx"** in the IV ISA Forum of Sociology of International Sociological Association at Porto Alegre, Brazil from Feb' 23-28, 2021.

iii. **Presented** a paper on, **"Neo-Capitalism, Special Economic Zones and Involuntary Displacement: Resistance among Rural people in a Volatile World"** in the IV ISA Forum of Sociology of International Sociological Association at Porto Alegre, Brazil from Feb' 23-28, 2021.

12. Details of National awards/fellowship:

Prof. Bibhuti Bhushan Malik

Social Scientist Award Conferred during National Webinar on Changing Dimensions of Caste System in Indian Society Organised by Badlav Sansthan, Udaipur, on 6th December 2020.

13. Students achievements:

Number of students completed their Masters	M.A.	15
Number of students selected in civil Services	UPSC	02 (Dy. SP. & SDM)
Number of students selected on other government job	Govt. Job.	01(Sri Nagar)
	Teaching in Higher Education	05 (Assistant Professor Degree Collages)
	Teaching	01 (Gov. of Delhi)
Number of students awarded NET/JRF/GATE any other fellowship		GATE – 03, NET- 02 RGNF – 02

i. Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Usha Bharti Singh	Dr. Brajesh Kumar	-	Aspects of Motherhood- Understanding the Complexities and its Relation with Consciousness and Identity of Women	University
2	Akanksha Shukla	Prof. B.B. Malik	-	उत्तर प्रदेष में समन्वित बाल विकास परियोजना के क्रियान्वयन की स्थितिः लखनऊ जिले के लाभार्थियों का एक समाजषास्त्रीय अध्ययन (Implementation Status of Integrated Child Development Scheme in Uttar Pradesh: A Sociological Study of the Beneficiaries of Lucknow District)	JRF
3	Preeti Yadav	Prof. B.N. Dubey	-	Health Care Programmes and Nutritional Status of Women and Children: A Sociological Study of Lucknow Slums	JRF
4	Aarti Kureel	Prof. Manish K. Verma	-	महिला स्वास्थ्य सम्बंधित योजनाओं का क्रियान्वयन एवं इसका मातृत्व स्वास्थ्य पर प्रभावः लखनऊ जिले का एक समाजषास्त्रीय अध्ययन (Implementation of Women Health Related Schemes and its Impact on Maternal Health: A Sociological Study of Lucknow District)	RGNF
5	Neha Kumari	Prof .Jaya Shrivastava	-	भारतीय समाज में बलात्कार पीड़ित महिलाओं के प्रति अभिवृत्तिः लखनऊ जिले का एक समाजषास्त्रीय अध्ययन ;Attitudes Towards Women Rape Victims in Indian Society: A Sociological Study of Lucknow District	RGNF
6	Reshmi Limboo	Prof. B.N. Dubey	-	Globalisation, Ethnic Identity and Tribe: A Sociological Study of Limboo Tribe of Sikkim	NFHE
7	Ruchi Awasthi	Prof. B.B. Malik	-	Sociology of Sanitation: A Study of Scavengers of Lucknow	University
8	Ishdep Kaur Bhandari	Prof. B.N. Dubey	-	Globalization, Social Inequality and Third Gender: A Study of Lucknow City	University

ii. Ph.D thesis submitted during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Sunita Bharti	Dr. Brajesh Kumar	--	mPp f'k{kk e¡ iFke ih<h d¡ fo/kkfFk;k¡ dh pukfr;k¡ ,oa ifrfØ;k¡ y[kuÅ ft y¡ d¡ ; okvk¡ dk lekt'kkL=h; v/;;u (Challenges and Response of First Generation Students in Higher Education: A Sociological Study of Youth in Lucknow District)	RGNF

iii. Students pursuing Ph.D.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Shikha Singh	Prof. K. Choudhary	--	Religiosity Among Hindus: A Study of Lucknow City	UGC-JRF
2	Harishchandra Mishra	Prof. K. Choudhary	--	Continuity and Changes in the Caste System: A study of two selected villages of Tiloi block in Raebarelly district	University
3	Jyoti Shukla	Prof. K. Choudhary	--	Culture, Environment and Impact of Tourism in a Meghalaya Village	UGC-JRF
4	Saurabh Kumar	Prof. K. Choudhary	--	Working Condition of Contract Labour: A Sociological Study of Selected Hospitals at Dehradun	UGC-JRF
5	Ashok Kumar Sonkar	Prof. K. Choudhary	--	nfyrk¡ e¡ ox± foHkktu ,oa fodkl % bykgkckn ft y¡ d¡ p;fur xkWo dk v/;;u (Class Division among Dalits and Development: A Study of selected Villages of Allahabad District)	UGC-JRF
6	Tripti Kanojiya	Prof. K. Choudhary	--	Social Background and Career Aspirations of Students in Higher Education: A Study of two Selected Universities in Lucknow	University
7	Manashi Mahi	Prof. B.B. Malik		Elementary Education and RTE: A Study of Selected Districts of Odisha	
8	Vijay Laxmi Mall	Prof. B.B. Malik		Sociology and Human-Animal Interaction : A Study of Lucknow	
9	Dipak Kumar Khrwar	Prof. B.B. Malik		tutkfr] ikfjfLFkfrdh ,oa fodkl % lkuHkn {k= dk ,d lekt'kkL=h; v/;;u (Ttibe, Ecology and Development: A Sociological Study of Sonbhadra Region)	
10	Ramesh Kumar	Prof. B.B. Malik		Social Phlilospphy of Kabir and Kabir Panth: A Sociological Study of North India	

11	Soniya Singh	Prof. M. K. Verma		LoPNrk ,o LokLF; lEcfU/kr enn% bykgkckn "kgj d p;fur efyu cfLr;k dk ,d lekt"kkL=h; v/;;u (Issues of Sanitation and Health: A Sociological Study of Selected Slums of Allahabad City)	
12	Khushboo	Prof. M. K. Verma		Globalisation and New Tourism: A Sociological Study of Wellness Tourism with Special focus on Yoga	
13	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	
14	Pawan Kumar	Prof. M. K.		River Bank Erosion, Displacement and Sustainability: A Sociological Study of People affected by River Sharda	
15	Km. Manisha	Prof. M. K. Verma		efgyk;] o)koLFkk ,o LokLF;% fcgkj d Nijk ftyk dk ,d lekt"kkL=h; v/;;u (Women, Ageing and Health: A Sociological Study of Chapra District of Bihar)	
16	Bhavna Sharma	Prof. M. K. Verma		efgyk LokLF; ,o vk;'eku Hkkjr i/kkue=h tu vkjkX; ;kstuk% mRrj in"k d nk ftyk dk ,d lekt"kkL=h; v/;;u (Women's Health and Ayushman Bharat Pradhan Mantri Jan Arogya Yojana: A Sociological Study of Two Districts of Uttar Pradesh)	
17	Riya Singh	Prof. M. K. Verma		To be finalized	
18	Abhishek Kumar	Prof. B.N.Dubey		Digitalization in India and Women: A Sociological Study of Hazaribag District	
19	Durga Prasad Yadav	Prof. B.N.Dubey		Hkkjr e fn0;kx tu dh mPp f'k{kk lcfU/kr ljdkjh uhfr;k% y[kuÅ 'kgj d p;fur fo"ofo|ky;k dk lekt"kkL=h; v/;;u (Government Policies for Higher Education of Differently Abled People in India: A Sociological Study of Selected Universities in Lucknow City)	
20	Nistha Chaturvedi	Prof. B.N.Dubey		Live-In Relationship and its Impact on Family and Marriage System: A Sociological Study of Delhi- NCR	
21	Agnivesh Pandey	Prof. B.N.Dubey		To be finalized	
22	Anurag Kumar	Prof. B.N.Dubey		To be finalized	
23	Shruti Singh	Prof. B.N.Dubey		To be finalized	
24	Rahul Kumar Yadav	Prof. Jaya Shrivastava		Violence against Dalit Women: A Case Study of Lucknow & Azamgarh District of Uttar Pradesh	

25	Komal Gautam	Prof. Jaya Shrivastava		Gender Based Violence on Campuses in India: A Sociological Study of Selected Universities of Lucknow City of Uttar Pradesh	
26	Dilip Kumar	Prof. Jaya Shrivastava		Issues of Intersecting Inequalities and Inclusiveness in Higher Education in India: A Sociological Study of Lucknow City of Uttar Pradesh	
27	Mudasir Qadir	Prof. Jaya Shrivastava		Men, Masculinity and Violence against Women: A Sociological Study of Selected Districts of Jammu and Kashmir	
28	Varsha Singh	Prof. Jaya Shrivastava		Work Challenges of ASHA Workers: A Sociological Study of Selected Blocks of Lucknow District	
29	Aparna Verma	Dr. Brajesh Kumar		Juvenile Delinquency in Lucknow: A Sociological study	
30	Sanjay Kumar Gautam	Dr. Brajesh Kumar		Unemployment and Employability among Urban Educated Youth: A Sociological Study of Lucknow District of Uttar Pradesh.	
31	Anand Kumar	Dr. Brajesh Kumar		To be finalized	

iv. M. Phil degree awarded

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Shweta Singh	Prof. B. N. Dubey	--	lo f'k{kk vfHk;ku rFkk ckfydkvk e vf/kxe x.koRrk% jk;cjyh tuin d ljuh Cykd d ifj"knh; fo|ky;k dk lekt'kkL=h; v/;;u (Sarva Shiksha Abhiyan and Learning Quality among Girls: A Sociological Study of Government school in Sareni Block of Raebareli District)	Not Availing Fellowship

v. Students pursuing M.Phil

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Alka Gautam	Prof. B. N. Dubey	--	To be finalized	University
2	Kamlesh Yadav	Prof. M. K. Verma	--	To be finalized	University
3	Kushagra Anand	Prof. Jaya Shrivastava	--	To be finalized	University
4	Mamta	Prof. Jaya Shrivastava	--	To be finalized	University
5	Pooja Tripathi	Prof. M. K. Verma	--	To be finalized	University
6	Sushil Kumar	Prof. B. B. Malik	--	To be finalized	University

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

Sl. No.	Name Students	Books	Articles/ Paper	Book Chapters
1	Ms. Komal Gautam	--	02	--
2	Ms. Shikha Singh	--	02	--
3	Mr. Rahul Kumar Yadav	--	02	--
4	Ms. Varsha Singh	--	01	--
5	Mr. Ramesh Kumar	--	02	
6	Mr. Ashok Kumar Sonkar	--	01	--
7	Ms. Jyoti Shukla	--	01	--
8	Ms. Aparna Verma	--	01	--

15. Google profile of the faculty members:

1. Prof. Kameshwar Chaudhary- Yes
2. **Prof. Bibhuti Bhushan Malik- Yes**
3. **Prof. Manish K. Verma- Yes**
4. **Prof. Birendra Narain Dubey- Yes**
5. **Prof. Jaya Shrivastava- Yes**
6. **Dr. Brajesh Kumar- Yes**

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 four teachers and around four hundred students. Since its inception, the department has been concentrating on maintaining global standards in its teaching as well as co-curriculum activities. So far, it has organized around two national symposiums which were very well received in academia and in media. Its teachers and students are deeply interested in understating the administrative and social problems around them. The department is committed to give new directions to the teaching methods and research areas in the discipline. The Department offers unique opportunities in the discipline as it is the only department of Public Administration, which offers undergraduate courses in the Ambedkar School of Social Sciences. Presently, the department is offering B.A. (Hons.) Public Administration, M.A. Public Administration and Ph.D. program.

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

Objectives of the Department-

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

1. Course offered:

i. B.A. (Hons.) Public Administration
ii. M.A. in Public Administration
iii. Ph. D in Public Administration

2. Proposed Courses:

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

3. Future Plans of the Department:

Introducing more courses in both M.A and Ph.D. Prorgrammes that are socially relevant. Some of these courses to be introduced in future are: M. Phil. Public Administration, Certificate course in NGO Management, Certificate course in Urban Governance, Certificate course in Hospital Management

- International collaboration with prestigious institutions
- Inviting faculty from India and abroad as visiting professors
- Faculty exchange programme
- To start a research journal in the department
- To start a departmental library

4. Faculty details:-

i. Prof. Ripu Sudan Singh

- Professor and Head
- **Qualification-**M.A, M.Phil, PhD
- **Area of Specialization-** International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics

ii. Dr. O.P.B. Shukla

- Associate Professor
- **Qualification-**Ph.D.
- **Area of Specialization-** Indian Government and Politics , Public Policy , Development and Social Policy , Good Governance, Governance and allied fields ,Administrative System

iii. Dr. Vibhooti Narayan

- Assistant Professor
- **Qualification-**M.A, Ph.D.,
- **Area of Specialization-** Indian Polity & Governance, Financial Administration, Public Policy, Indian Administration etc.

iv. Dr. Pradeep Kumar Singh

- Assistant Professor
- **Qualification-**Ph.D.
- **Area of Specialization-** Public Policy , Development and Social Policy , Administrative Theory and Thought , Good Governance, Governance and allied fields , Financial Administration and Organizational Behavior

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 centers 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, Srilanka, 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, Srilanka. 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.

1. Courses offered

i. M.A
ii. M.Phil
iii. Ph.D

2. Facilities available in the Department

- Departmental Library

3. Details of Faculty

i. Prof. S. Victor Babu

- Professor & Head
- M.A, M.Phil & Ph.D
- **Area of Specialization**- Late Medieval Indian History, Environmental History and Christianity in North East India and Historiography

ii. Dr. Shura Darapuri

- Professor
- M.A, M.Phil & Ph.D
- **Area of Specialization-** Modern Buddhist movements

iii. Dr. V. M. Ravi Kumar

- Assistant Professor
- M.A, Ph.D
- **Area of Specialization-** Modern Indian History, Environmental History, Dalit and Tribal History of modern India

iv. Dr. Renu Pandey

- Assistant Professor
- M.A, Ph.D
- **Area of Specialization-** General Studies Business History, Modern Social Thinkers

v. Dr. Sidharth Shankar Rai

- Assistant Professor
- M.A, D.Phil
- **Area of Specialization-** Ancient History & Archaeology

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

Prof. S. Victor Babu

i. Indian History Congress L.M No. 2332
ii. Northeast History Congress
iii. Andhra Pradesh History Congress
iv. Member, South Indian History Congress
v. DRC Chairperson
vi. Member, Academic Council, Nagaland Univesity, Kohima.
vii. Member, Social Science School Board, Nagaland University, Kohima.
viii. Member, Expert committee of I.C.H.R for the award of J.R.F
ix. Chairman, Board of Postgraduate Studies, Dept. of History & Archaeology, Nagaland University, Kohima.
x. Chairman, Board of Undergraduate Studies, Dept. of History & Archaeology, Nagaland University, Kohima.
xi. Member, Academic Council, B.B.Ambedkar University, Lucknow

Prof. Shura Darapuri

i. Indian History Congress
ii. UP History Congress
iii. All India Rights Organization (A Chapter of Naina Dayal Foundation)
iv. Maha Bodhi Society of India
v. Member, DRC, Department of History, BBAU
vi. Member, BPGS, Department of History, BBAU
vii. Member, School Board, SASSS, BBAU
viii. Member Academic Council, BBAU
ix. Member, RDCU, Department of History, BBAU

Dr. V.M Ravi Kumar

i. Member in Indian History Congress
ii. Life member in Uttar Pradesh History Congress

Dr. Sidharth Shankar Rai:

i. Associate, Electronic Cultural Atlas Initiative, University of California, Berkley, USA
ii. Life Member, Indian Science Congress Association, India
iii. Life Member, Indian Society of Prehistoric and Quaternary Studies, India
iv. Member, Departmental Admission Committee, Department of History, BBAU
v. Member, Departmental Research Committee, Department of History, BBAU

5. Details of Books written / edited by faculty members

Dr. V.M. Ravi Kumar

i. V.M. Ravi Kumar Colonial forestry and railways in South India in G Nayak (ed), History of railways in South Asia not lodge New Delhi, 2021. .
ii. V.M. Ravi Kumar, Discourse on Indian Civilisation: A Study on of B.R. Ambedkar in M. Abrham (ed) Dalits in India; problems programmes and empowerment, 2021 pp 46-55.

6. Paper Published during the year by the faculty members

Dr. V. M. Ravi Kumar

i. Arvind Swroop and V.M. Ravi Kumar, Emergence of Eco-Feminism in India: A Survey of Literature, Studies in Indian Place Names, Vol 40, no. 60, 2020, pp. 672-683.
ii. V.M. Ravi Kumar caste system and ecology in India: Environmental History & caste system in Tatnapi, Vol-09 issue 38, June, 2020, PP III-122.

Dr. Sidharth Shankar Rai

Elemental composition and microstructure analysis of archaeological copper from Central Ganga Valley, India SS Rai, Current Science 120 (12), 1894-1904 Accepted in March 2021.

7. Attended/participated in Conferences/seminar/workshop inside Country

Prof. S. Victor Babu

i. Two Day Online National Conference on Migrant Labour: A Political - Economic – Social - Cultural Perspective 26th – 27th June, 2020.

ii. "CONSTRUCTION OF SHILPKAR IDENTITY IN NORTHERN INDIA: A NON-SANSKRITIZATION MODEL" 9th International Conference on Social Sciences May 2-4, 2021 / 'Nakhchivan' University, Azerbaijan.

Prof. Shura Darapuri

i. International Webinar on "Essence of Religious Education to Conserve Environment" organized by Nisarga Mitra (Eco Club) in association with University of San Francisco, California, US. on 29th March 2021.

ii. International Webinar on Digital Humanities (Session-6) organized by Department of English Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with the Australian National University, Canberra, Australia and Flame University, Pune, Maharashtra, India on 24th March 2021.

iii. International Webinar on "Anti-Caste Politics and Environmental Justice"-Chapter-6 organized by Ambedkar Study Centre, Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Anti-Racist Policy and Research Centre, American University, Washington DC, USA. On 19th February 2021.

iv. Webinar organized by NAAC "Upanyasa Malika"-Quality Assurance System,11th February 2021.

v. Web Seminar on "Educational Management and its Implications to Higher Education" on 4th February,2021 organized by NAAC.

vi. International Webinar on Global Standards in Library Science organized by Department of information and Library Science, Seshadripuram Evening Degree College, Bengaluru in association with MYRA School of Business, Mysuru, India on 4th February 2021.

vii. One Week National Workshop on "Research Methodology" organized by Govt. Auto. Girls P.G. College of Excellence, Sagar (M.P.) from 1.2.2021-7.2.2021.

viii. International Webinar on "Digital Humanities" (Session-3) organized by Department of English, Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Emory University, Atlanta, United States on 30th January, 2021.

ix. E-workshop on "Targeting Journals for Publications" organized by Pharma State Academy on 24th January 2021.

x. One Week online workshop on "Training on Statistical Data Analysis using SPSS" organized by Science Tech Institute" Lucknow, Uttar Pradesh, January 21st -27th 2021.

xi. Attended Webinar on "Human Values and Professional Ethics" organized by NAAC, on 20th January 2021.

xii. International Webinar Series on "Anti-Caste Politics and Environmental Justice" Chapter-5 organized by Ambedkar Study Centre, Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Anti-Racist (ARPC) Research and Policy, Centre, American University, Washington DC, USA held on 19th January 2021.

xiii. Attended One-Day National Symposium on "Swami Vivekanand: Life and Mission" organized by ICHR, Ministry of Education, Government of India,12th January, 2021.

xiv. International Webinar on "Environmentalism: Religious and Cultural Context" organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Nisarga Mitra (Eco Club), Loyola Marymount University, Los Angeles, US, 9th January, 2021.

xv. International Webinar on "Islam, Gandhi's Nai Taleem and Self-Directed Education" organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Centre for Islamic Studies, University of Oxford, UK on 30th December, 2020.

xvi. Attended Indian History Congress on 28th -29th December 2020 (online)

xvii. Attended E-Workshop on MOOC Development, organized by Pharma State Academy on 25th November, 2020.

xviii. ISCS-MEA Webinar on Indo-Bhutan Connectedness, organized by Institute of Social and Cultural Studies, India, State Division, Ministry of External affairs, Ministry of External Affairs, Kolkata,6th November 2020.

xix. Attended National Webinar on "Vigilance Awareness Week, Vigilant India, Prosperous India" organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 29th October, 2020.

xx. Two Day International Webinar on "Development of Communication for a Sustainable Future: Revisiting the Gandhian Model of Environmentalism" organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow, on 20th and 21st October,2020.

xxi. One day International Webinar on the occasion of 150th Birth Anniversary of Mahatma Gandhi "Relevance of Gandhian Philosophy and Present Mass Media Scenario" organized by Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow, on 1st October, 2020.

xxii. International Webinar organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Bengaluru City University, Bengaluru, India International 7"Human Rights Law: Sexual Orientation and Gender Identity," 22nd September, 2020.

xxiii. International Webinar on "Anti-Caste Politics and Environmental Justice"-Chapter1, organized by Ambedkar Study Centre, Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with Anti-racist Research and Policy centre, American University Washington DC, USA and Ashoka University, Haryana, India-14th September, 2020.

xxiv. International Webinar on "Personal Financial Management for Professionals During Covid-19", Department of Commerce, Seshadripuram Evening Degree College, in Bengaluru, Karnataka in association with Finance Academy Australia, Melbourne, Australia an IQAC Initiative,11th September, 2020.

xxv. Aacharyadevo Bhava" an online address by Shri Ramesh Pokhriyal 'Nishank'Ji Honourable Minister of Education, Govt of India, organized by NAAC on 11th September 2020.

xxvi. International Virtual Conference on "Cultural Heritage: Beyond Boundaries" organized by Department of Ancient Indian History, Culture and Archaeology, Kanya Gurukul Campus, Dehradun, Gurukul Kangri Vishwavidyalaya, Haridwar (Uttarakhand), India in collaboration with Dr. Janak Singh Socio Cultural Educational Society, Bareilly, U.P., India, 28th -29th August, 2020.

xxvii. International Webinar on "The Challenges and Scientific Advances of SARS-COV 2" organized by Department of Microbiology Assam University in collaboration with Springer Nature and Society for Environmental Sustainability on 27th August,2020.

xxviii. International Webinar on "Rabindranath Tagore -Nature‟s Philosopher" organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka in collaboration with Indian Studies Centre, Chulalongkorn University, Thailand and The Sustainability Platform Asia (TSP Asia) An IQAC Initiative, 26th August,2020.

xxix. Web Seminar on "NAAC Assessment and Accreditation Process (Women's University)" organized by NAAC, 6th Aug 2020.

xxx. Webinar on "Assessment Accreditation Process for Women College" organized by NAAC on 5th of August 2020.

xxxi. Two Days Webinar on "Criterion 7 of NAAC, Innovations and Best Practices", organized by Govt. Auto. Girls P.G. College of Excellence, Sagar (M.P.) 30th-31st July,2020.

xxxii. International E-Conference on "Role of Environment and Natural Science in Covid- 19 Times", (ICRENSCT) organized by Department of Chemistry, Lucknow Christian Degree College in collaboration with Society for Science of Climate Change and Sustainable Environment, New Delhi, July 29th -31st 2020.

xxxiii. Higher Education with Special Emphasis during COVID-19" an online address by Shri Pralhad Joshi Honourable Minister of Parliamentary Affairs, Coal and Mines NAAC on 16th July 2020 organized by NAAC.

xxxiv. International Webinar on "Covid-19 and Environmental Linkages" organized by Department of Environmental Science, Babasaheb Bhimrao Ambedkar University in collaboration with Society for Environmental Sustainability and Springer Nature, 29th June, 2020.

xxxv. For spreading awareness message and positivity of Yoga, participated in the online celebration of 6th International Day of Yoga (IDY 2020) on 21st June, 2020.

xxxvi. Participated in Gender Dialogues- "Stereotyping and Bias, Equality and Women's Rights in the Digital Age" on 19th June, 2020, organized by Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh in collaboration with University Grants Commission.

xxxvii. One day International Webinar on "Global Health Crisis and Socio-Economic Impact of Covid-19: A Geographical Perspective" organized by Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, 18th June, 2020.

xxxviii. An online address by Honourable Governor of Meghalaya Shri Tathagata Roy Ji "Reflections of Higher Education Scenario – Post COVID-19" on 13th June 2020 organized by NAAC.

xxxix. An online address by Dr. Ramesh Pokhriyal 'Nishank'ji, Hon'ble Minister Human Resource Development on NAAC web platform to all the HEIs of the country on the topic "Turn the Challenges to Opportunities: COVID-19 Pandemics and Measures to combat in Higher Education of India" on 28th May, 2020 organized by NAAC.

Dr. V. M. Ravi Kumar

i. Presented paper entitled: History of Crime in and around Forests in United Provinces, 1900-1930, 2019.

ii. Eco-Hierarchicus: Conceptualizing Caste System in Indian Ecological Process, National Seminar organized by Human Rights Department, BBAU, 2019.

iii. History of crime in and around forests in South India (1885-1930), presented in Indian History Congress, Held at Kerala, 2019.

iv. Satish and V.M. Ravi Kumar, **History of Forest Panchayats in Andhra 1885-1930, Indian History Congress, 2019.**

Dr. Sidharth Shankar Rai

i. Completed One Week Faculty Development Programme on "Open Source Tools for Research" from June 08 - June 14, 2020. From Pandit madan mohan malaviya, national mission on teachers and teaching teaching learning centre, ramanujan college (university of delhi)

ii. Indian History Congress, 28-29/12/2020

8. Details of invited lectures inside country

Prof. Shura Darapuri

Keynote speaker at National Webinar on "Revival of Buddhism in India" held on 13th June, 2020 organized by Department of Social Science, Central Institute of Buddhist Studies, Ladakh.

Dr. Sidharth Shankar Rai

i. Delivered an invited talk on "Application of Geoinformatics in Tribal Research" in Department of History, Don Bosco College, Nagaland, 21.10.2020

9. Students achievements

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

Ph.D degree Awarded during the year			
Sl. No.	**Students Name**	**Supervisor**	**Title**
1.	Mohd.Ashraf Wani	DR.V.M.RAVI KUMAR	AGRO ECOLOGY OF KASHMIR DURING DOGRA STATE(1880-1950)
2	Ishan khan	DR.V.M.RAVI KUMAR	SOCIAL HISTORY OF LEATHER INDUSTRY AND TECHNOLOGY IN UNITED PROVINCES A STUDY OF AGRA(1860-1950)
3	Thaw Ba Na	Prof. Shura Darapuri	"A Critical Study of Monastic Education in Myanmar AD 1044 (Bagan Period) to AD 1885 (Kone Baung Period)"
4	Shivangi	Dr. V.M. Ravi Kumar	From God To Doctor: Paediatric Medicine in Colonial and Post-Colonial Uttar Pradesh (1880-1980)'
5	Panda Wantha	Dr. V.M. Ravi Kumar	The Refuge in Buddhism: A Comparative Perspective'
6	Pon Nyar Nanda	Prof. S. Victor Babu	Buddhist Councils: A Historical Study
7	Dhammasara	Prof. S. Victor Babu	Theravada Buddhism in Myanmar and Environmental Ethics (1752-1819)
8	Isha Tamta	Prof. S. Victor Babu	CONSTRUCTION OF SHILPKAR IDENTITY IN COLONIAL UTTARKHAND
9	Asmita Yadav	Prof. S. Victor Babu	COPARCENARY RIGHTS OF HINDU WOMEN IN UTTAR PRADESH (1956-2011)
10	Ayushi Visen	Prof. S. Victor Babu	Social History of Food in Uttar Pradesh, 1950-2010
11	Becha Lal	Prof. S. Victor Babu	EMERGENCE OF CHRISTIAN EDUCATIONAL AND MEDICAL INSTITUTIONS IN UNITED PROVINCES, 1920-1947

13	Pretty Pushkar	Prof. S. Victor Babu	हिन्दी उपन्यास साहित्य में नारी चित्रण का इतिहास 1950–2000 (उ0 प्र0)
14	Arvind Swaroop	Dr. V.M. Ravi Kumar	Dalit Environmentalism in India: An Analysis of Dalit Movement in Uttar Pradesh (1870-1980)

ii. Ph.D thesis submitted during the year

Students Name	Supervisor	Title
Rakesh Kumar	**Prof. Shura Darapuri**	Social History of Barua Buddhist Community in Uttar Pradesh: With Specific Reference to Lucknow (1947-2000)

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

Sl. No.	Supervisor	Name of Research Scholars
1	**Prof. S. Victor Babu**	Mukesh Chandra
2		Osadhatheri
3		Toolika Rani
4		Janita
5		Mercy
6		Dheeraj Kumar
7		Satyamev Bharteey
8	Prof. Shura Darapuri	Rakesh Kumar
9		Alok Saroj
10		Ranjeet Kumar
11		Pannesi
12		Wasfi Fatima
13		Anubha Chaturvedi
14		Basant Kumar kanaujiya
15	**Dr. V.M. Ravi Kumar**	Sathish Kumar Chevuri
16		Rohit Verma
17		Kaushalya Kumari
		Nay Mein Da

18	Dr. Sidharth Shankar Rai	Rajiv Kumar Pandey
19		Prerana Rai
20		Sheetal Kumari

iv. Faculty wise supervision of the student pursuing M.Phil degree.

Sl. No.	Name of Students	Supervisor
1	Prof. S. Victor Babu	Shubham Yadav
2		Trishala Raj
3	Prof. Shura Darapuri	Manish
4	Dr. V. M. Ravi Kumar	Amit Kumar
5		Shivangi Maindola
6		Priyanka Mishra
7	Dr. Sidharth Shankar Rai	Pallavi Rai
8	Dr. Renu Pandey	Neha Dixit

v. M.Phil. thesis submitted during the year

Sl. No.	Students Name	Supervisor	Title
1.	Owais Ismaeil	Prof. S. Victor Babu	Christian Missionaries and Emancipation of Women in Princely State of Jammu & Kashmir: A Case Study of Srinagar district (1854-1947**)**
2	Neeraj Kumar	Dr. Sidharth Shankar Rai	छोटानागपुर क्षेत्र के बृहत पा ाा.िक संस्कृति का पुरातात्त्विक अध्ययन

vi. Number of students selected on other Government job

Name of Students	Course/Class	Session	Name of the Organisation where Employed	Package/DOJ (if available)
Dr. Ishan Khan	Ph.D.	2015-2020	IEC University, Baddi, H.P.	28/06/2021
Dr. Shivangi	Ph.D.	2021-22	Lovely Professional University, Jalandhar.	13-07-2021
Dr. Pretty Pushkar	Ph.D.	2016-2021	Uttar Pradesh Secondary Education, Lucknow	Will be joined soon.
Dr. Mohd. Ashraf Wani	Ph.D.	2015-16	Government Boys degree college Udampur, Jammu & Kashmir	Sept, 2020

Rakesh Kumar	Ph.D.	2015-16	Basic Education Sitapur	07/12/2020

10. Google profile of the faculty members

i. **Prof. S. Victor Babu**
Google Scholar Profile: Yes
https://scholar.google.co.in/citations?user=XkDprYUAAAAJ&hl

ii. **Dr. Sidharth Shankar Rai**
Google Scholar Profile: Yes
https://scholar.google.com/citations?user=yawNUIQAAAAJ&hl

Centre for the Study of Social Exclusion and Inclusive Policy

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

Some key objectives as per UGC Guidelines

i. Conceptualizing discrimination, exclusion and inclusion based on caste /ethnicity and religion;
ii. Developing understanding of the nature and dynamics of discrimination and exclusion;
iii. Contextualizing and problematizing discrimination exclusion and inclusion;
iv. Developing an understanding of discrimination at an empirical level;
v. Formulating policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination.

Functions as per UGC Guidelines

i. Teaching course at the M.A. and M. Phil levels, leading eventuality to full-fledged M.Phil and even M.A. programmes in Social Exclusion Studies
ii. Undertaking M.Phil and Ph.D supervision.
iii. Collecting information on Social Exclusion and building up a database.
iv. Carrying out detailed analyses based on the socio-economic data generated by government agencies.
v. Organizing regular conferences, seminars and symposia on the theme of Social Exclusion.
vi. Publishing regularly the research findings of the Faculty and students.
vii. Organizing public lectures on the subject by eminent scholars.
viii. Reaching out to scholars, especially young scholars, in other universities and colleges through an active programme of inviting Visiting Faculty.
ix. Establishing links with Civil Society Organizations engaged in combating Social Exclusion.

1. Courses Offered

CBCS papers at PG Level

i. Social Exclusion and Inclusive Development:CSS101(CBCS Open Elective Paper)
ii. Public Policy, Governance and Development(CSS 102)

2. Facilities

i. Specialised Library : Documentation

ii. **Dossiers on the following themes (Ongoing)**

- Social Exclusion: Concepts and Perspectives
- Gender and Social Structure/ Politics
- Gender and State Policy
- Dalit Women
- Social Philosopher/ Philosophy
- Gender Movement
- Gender and Violence
- Gender and Justice
- Women and Development
- Caste and Politics
- Gender and Literature
- Exclusion and Inclusion: Empirical Aspects
- Minorities
- SocialJustice

iii. Newspaper Clippings on related themes

3. Faculties

i. Dr. Prasamita Mohanty,

Associate Professor- cum -Deputy Director

ii. Dr. Rudra Prasad Sahoo,

Assistant Professor- cum -Assistant Director

iii. Dr. Bibekananda Nayak

Assistant Professor -cum -Assistant Director.

iv. Dr. Sangeeta Krishna

Assistant Professor- cum- Assistant Director

v. Dr. Md. Reyaz

Ahmad, Research Associate

3. Co curricular Activities/cultural

Dr. Sangeeta Krishna,

- **Assistant Professor- cum- Assistant Director**
- **Coordinator,** for data collection of CSSEIP for IQAC.

4. Membership

Dr. Bibekananda Nayak,

- **Assistant Professor- cum- Assistant Director**
- Life Member- LMI3060- Indian Sociological Society
- Life Member-778-Indian Association for Social Sciences and Health
- Life Member-0134- Association for Socio-Economic Development Studies-

- Life Member: Indian Political Economic Association

Dr. Sangeeta Krishna,

- **Assistant Professor- cum- Assistant Director**
- Life Member, Association of Socio-Economic Development Studies, (ASEDS) LM 01
- Life Member, Indian History Congress, IHC(LM 2203)
- Life Fellow, Indian Academy of Social Sciences(IASS)LF 2187/463/2014
- Life Member, North East India History Association(NEHA)
- Life Member, Centre for Scientific & Innovative Research Studies(CSIR

Dr. Md. Reyaz Ahmad

- Life- Member, Indian Political Science Association
- Life-Member, Association of Socio-Economic Development Studies,

5. Generation of Reading & Instructional Material

Dr. Sangeeta Krishna,

- **Assistant Professor- cum- Assistant Director**
- Prepared **course material** on **Unit 1 and Unit 2** of Ambedkar Studies for MPDC**205** (Master of Personality Development Course)

6. Edited Books

Dr. Rudra Prasad Sahoo,

- **Assistant Professor- cum- Assistant Director**
- Prof. Narottam Gaan and Rudra Prasad Sahoo edited, India's Engagement with
- Global Powers: Issues and Challenges, Writer's Choice, New Delhi, 2020, ISBN:
- 978-9384081317

7. Details of Chapters in edited Books

Dr. Bibekananda Nayak,

Assistant Professor- cum- Assistant Director

i. The book chapter on "Inclusive Education Policy for Tribal Ashram School in Odisha" by Bibekananda Nayak in the edited Book entitled ' Tribal Development in India : Challenges and prospects in Tribal Education', by Prof.R R Patil, Sage Publication Ltd, London, New Delhi ,2020, ISBN9789353884277, pp.249-263

i. The book chapter on "Ecology and Development: The Paradox of Indigenous and Modern Health Practices of Kondh Tribe of Orissa" by Dr.Bibekananda Nayak in the edited Book entitled 'Anthropology, Health & Development: Trends and Future Perspectives', by Prof. Gautam K Kshatriya, Anjali Kumari & Nupur Mahajan, B.R Publishing Corporation, Delhi, 2020, ISBN9789388789356, pp.119-149.

ii. The book chapter on "Development, Industrial Pollution and Living Environment in Odisha : A Case of Jharsuguda District" by Dr. Bibekananda Nayak & Doleswar Bhoi in the edited Book entitled 'Environmental Sustainability, Social Justice and Law', by Dr. Sadhna Gupta, Mittal Publications, New Delhi ,2020, ISBN978-81-949360-6-0, pp.239-256

iii. The book chapter on "Use of ICT in the Education of Tribal Students in India " by Dr.Bibekananda Nayak & Doleswar Bhoi in the edited Book entitled 'Trends in ICT Enabled Education', by Dr.Mrutyunjaya Mishra & Prof.B.C.Mahapatra, Aradhana Brothers Publishers & Distributors, Kanpur ,2021, ISBN978-81-948933-0-1, pp.239-258

iv. The book chapter on "Indian Diaspora, Women and Social Challenges: Mapping through Gender Perspectives" by Dr.Bibekananda Nayak & Doleswar Bhoi in the edited Book entitled 'Gender Dynamics and the Emerging Issues in 21st Century', by Aliva Mohanty, Sayantani Behura, Geetanjali Naik, Suprit Panigrahi, Mittal Publications, New Delhi ,2021, ISBN978-93-90692-18-7, pp.241-260

v. The book chapter on "Inclusive Educational Rights for the Differently abled children: Constitutional and Human Rights Perspective " by Dr.Bibekananda Nayak in the edited Book entitled 'Human Rights and Justice under Constitution of India : Realizing the promises for ourselves" by Dr. Sadhna Gupta, APH Publishing Corporation, New Delhi ,2021, ISBN978-93-89875-76-8, pp.67-82

Dr. Rudra Prasad Sahoo,

Assistant Professor- cum- Assistant Director

'India's Nationalist government under Modi and its Neighborhood foreign policy with special reference to Pakistan: An analysis' in Prof. Narottam Gaan andRudra Prasad Sahoo edited, India's Engagement with Global Powers: Issues andChallenges, Writer's Choice, New Delhi, 2020, ISBN: 978-9384081317

Dr. Sangeeta Krishna,

Assistant Professor- cum- Assistant Director

Chapter on Women Development to Women-Led Development: Analyzing the Contours of New Paradigm in the Contemporary Times edited by MK Agarwal Northern Book Centre, New Delhi 2021(In press)

8. Papers Published Journals

Dr. Sangeeta Krishna,

Assistant Professor- cum- Assistant Director

i. Migrant Labour, Informal Economy & Covid 19 Pandemic: Narratives on Choice Between Life and Livelihood *Social Action*, Vol.72, No.1 April- June 2021ISSN No.0037-7627**(UGC –Care List)**

ii. *Dalits in the History of Freedom Struggle :Within And Beyond Texts Studies in Humanities and Social Sciences : Journal of the Inter-University Centre for Humanities and Social Sciences,IIAS, Shimla* ISSN No.0972-1401**(UGC –Care List)***(Forthcoming)*

Dr. Md. Reyaz Ahmad,

Research Associate

i. Contemporary Issues and Problems of Indian Civil Servants ; An Evaluation with the Perspective of Public Personnel Administration, SHODH SANCHAR BULLETIN, ISSN - 2229-3620 , Vol. 10, Issue 39, July-September 2020 ,Page Nos. 41-46.(UGC- CARE listed)

ii. Second Administrative Reforms Commission (ARC) Recommendations on Refurbishing of Personnel Administration; An Analysis, SHODH SARITA , ISSN - 2348-2397 , Vol. 7, Issue 27, July-September, 2020,Page Nos. 112-117.(UGC- CARE Listed)

iii. Training of Indian Civil Servants in the Contemporary Context:Problems of Training-Management and Need for Reforms,(in Hindi)DRISHTIKON, ISSN- 0975-119X, Year-12, Vol-4, July-Aug. 2020, Pp. 215-222. (UGC- CARE Listed)

iv. Indian Civil Servants in the Contemporary Context: Issues and Need for Reforms (in Hindi) DRISHTIKON, ISSN- 0975-119X, Year-12, Vol-3, May-June 2020, Pp. 42-51. (UGC- CARE Listed)

v. Three Minnowbrook Conferences of New Public Administration (NPA); Changing Nature of Public Administration in the Contemporary Era of Globalisation, SHODH SANCHAR BULLETIN, ISSN - 2229-3620 ,APPROVED UGC- CARE, Vol. 10, Issue 38 (V) April-June 2020 ,Page Nos. 7-11. (UGC- CARE Listed)

9. Paper presentation in Seminar Workshops inside the country

Dr. Bibekananda Nayak

Assistant Professor- cum- Assistant Director

i. International virtual seminar on "Retrospect and Prospects of MSMEs in Post Covid Participated -19" on 25-26th June 2020, organised by Kalinga Institute of Social Sciences, Bhubaneswar

ii. Participated international seminar on "Current Trajectory in Indian Foreign Policy", 17-20 June 2020, organised by Shaheed Bhagat Singh College, University of Delhi

iii. Two days international webinar on "International order in the post covid -19 world: Great power and the emerging trends" on 24-25th July, 2020, organised by Faculty of Social Science, Kolhan University, Chaibasha

iv. Three days international webinar on "Social Impact of Covid-19: Challenges and Prospects" on 4-6th July, 2020, organised by Department of Sociology, PPN College, CSJM University and Sangyartham Research Foundation, New Delhi.

v. Two days National webinar on "Geo-politics and Epidemics: with special reference to covid-19" on 29-30th May, 2020, organized by Faculty of Social Science, Kolhan University, Chaibasha

vi. participated in A Three-Day National Webinar on 'Covid -19 & Indian Economy' held during 9th June - 11th June, 2020 organised by School of Social Sciences, Central University of Gujarat, in collaboration with Students for Holistic Development of Humanity (SHoDH) & Knowledge Partner ICSSR, New Delhi.

vii. two-days International Virtual Conference on "Retrospect and Prospects of MSMEs in the Post COVID - 19" held on 25 - 26 June, 2020, organised by the School of Resource Management, KISS Deemed to be University

viii. Participated National Webinar on "Science, Technology and Marginalised Sections: Scope and Opportunities in contemporary India", 13-06-2020, organised by Dialogue for Academic Justice (DFAJ).

ix. Participated National Webinar on "Higher Education in India: Accessibility, and Exclusion", 26-06 2020, organised by Dialogue for Academic Justice (DFAJ).All India Networking Organization of Teachers' Associations, Delhi

x. Participated on "Ageing: Abuse &Neglect", 24-06-2020, organised by Indian Academics for Graduate.

xi. Participated National Webinar on "Research Methodology in Physical Education", 07-07-2020, organised by Sri Kolli Nageshwar Rao Gangaiah Government First Grade College Gangavathi-583227, Karnataka In Collaboration with Physical Education Federation of India (PEFI) Karnataka

xii. Participated international virtual seminar on "Impact Assessment of COVID-19 ", on 10 June 2020, organised by Department of Geography Government Lohia College, Churu, Rajasthan

xiii. Participated International virtual seminar on "Corona Pandemic, Dislocation and Livelihood Challenges: Multilevel Perspectives on Concerns and Coping Strategies", on 04th June 2020, organised by Department of Geography Government Lohia College, Churu, Rajasthan.

xiv. Participated in one day International webinar on "MGNREGA IN THE TIMES OF COVID-19"

organized by CSSEIP, Faculty of Social Sciences, BHU, Varanasi & Human Empowerment and Research Society, Varanasi,on 07 June, 2020

xv. Participated in one day National webinar on "How to develop e-content ?Distance teaching with IT enabled service" 11th July 2020, organised by Government Arts College, Sikar, Rajasthan

xvi. Participated one day national webinar on "Revisiting Gandhi Swaraj to faces challenges in Covid-19 crises", 30-05- 2020, organised by Vivek Kanwar Singh University, Ara, Bihar.

xvii. Participated on "Global Research pandemic to Covid 19" on 13/06/2020, organised by Alumni Association JNU, New Delhi

xviii. Participated on "Self-Reliant India: National Security Perspectives" on 20/06/2020, organised by Alumni Association JNU, New Delhi

xix. Participated on "Self-Reliant India: Aspiration and Opportunities" on 24/05/2020, organised by Alumni Association JNU, New Delhi

xx. Participated in the Global Webinar Series – I on "South China Sea & the Emergence of Great Powers Rivalry" on 4th September 2020 organized by Department of Political Science, Jawahar Lal Nehru College, Chakradharpur.

xxi. participated in the Online Lecture Series titled "The Mind Matters", organized by The Department of Sociology, St. Xavier's College, Burdwan from 6th July, 2020 to 30th July, 2020.

xxii. Participated National Campaign on "Spilt Free India movement" to prevent Covid -19 on June to August , 2020,organised by NSS, Tata Trust, New Delhi

10. Courses

Dr.Bibekananda Nayak,

Assistant Professor- cum- Assistant Director

i. Faculty Development Programme (FDP) on "Managing Virtual Classrooms and open Educational Resources" on 24-29th June ,2020, Organised by Centre for Academic Leadership and Education Management (CALEM), Panjab University, Chandigarh, under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with SWAYAM Cell, Institute of Educational Technology and Vocational Education & University, Business School, Panjab University, Chandigarh.

ii. National Workshop (Faculty Development Programme) Technology and Instructional Reforms with reference to Online Teaching, Learning & Evaluation (Through Online Mode)" on 15-20th July ,2020, Organised by Centre for Academic Leadership and Education Management (CALEM), Panjab University, Chandigarh, under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with SWAYAM Cell, Institute of Educational Technology and Vocational Education & University, Business School, Panjab University, Chandigarh

iii. Participation in FDP 7days "Faculty Development Programme in Social Science" organized by the Department of Sociology and Social Work, Rani Durgavati Vishwavidyalaya, Jabalpur during 07-13 July, 2020.

iv. participated in the One-Month Online Gender Sensitization and Capacity Development Programme on "Humanitarian Crisis during COVID 19", organized by the Research Centre for Women's Studies (RCWS), SNDT Women's University, Mumbai, in collaboration with the University Grants Commission, New Delhi from 24th August to 23rd September 2020

v. Participation in the Online Training Programme on "Gender, Work and Development" Organised by the V. V. Giri National Labour Institute, Naida, India during August 05-07, 2020.

vi. participation in the Online Training Programme on "Affirmative Policies Pertaining to Equity

and Parity for Enhancing Women Participation in the Labour Market" organized by the V. V. Giri National Labour Institute during September 28- October 02, 2020.

vii. Participation in the Online Training Programme on "Mainstreaming Gender Issues in the Employment" organised by the V. V. Giri National Labour Institute during September 07-11, 2020.

viii. Participation in the Online Training Programme on "Labour Market and Employment Policies" organised by the V. V. Giri National Labour Institute during August 24-26, 2020.

ix. participation in the Online Training Programme on "Developing Skill Development Strategies for Women Workers in the Informal Economy" organised by the V. V. Giri National Labour Institute during August 24-28, 2020.

x. Faculty Development Programme (FDP) on "ICT enabled Research During Covid Pandemic" on 17-21st August ,2020, Organised by Staff Training and Research Institute of Distance Education (STRIDE), Indira Gandhi National Open University, Maidan Garhri, New Delhi.

xi. One week International workshop on "Stay Home Stay Safe: Exploring Gender Equality in the New Normal" (UDAAN) from July 21 - July 25, 2020 under the directive of UGC Notification, F. No. 11-6/2020 (GS) dated 25th June, 2020. Organised by Women Study Cell, Vasant Kanya Mahavidyalaya Kamachha, Varanasi, Uttar Pradesh, India

11. Organization Training & Sensitization Programme Organized/webinar

i. Dr. Rudra Prasad Sahoo, Assistant Professor- cum- Assistant Director

ii. The webinar on "Equity and Inclusion in Higher Education (NEP-2020):Perspective from SC/ST" organized by CSSEIP, BBAU, Lucknow on 2November 2020

12. Details of lecture Lectures/Talk inside the country

i. Dr. Sangeeta Krishna, Assistant Professor- cum- Assistant Director

ii. Lectures on Unit 1 on Legal History in BA-LLB, Department of Law, School for Legal Studies during 02 January 2020- 2020.

iii. Dr.Bibekananda Nayak, Assistant Professor- cum- Assistant Director

iv. Presented paper as resource person " Equity and Inclusion of SC and ST in New Education "on the national seminar on theme "National Educational Policy 2020: Vision for Equity & Inclusion In Higher Education" (21ST Feb.2021), organised By Bidya Bharti Higher Education Santhan & DrSukantala Mishra Rehabilitation University, Lucknow

School of Earth & Environmental Sciences

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, paleontology & 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:

i. To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.
ii. To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of geology
iii. To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking geology with biological, chemical and physical sciences.
iv. 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.
v. To make teaching in geology theoretically rich along with regular field trips
vi. To motivate and inform students about the opportunities and future prospects in the field.
vii. To develop the overall personality of students and prepare them to compete and success in their endeavors.
viii. To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

1. 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:

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

3. Facilities available in the Department:

- 01 Laboratory
- 04 Lecture Rooms
- 01 Departmental Library

4. Faculty details:

Dr. Narendra Kumar

- Associate Professor
- Qualification- M.Sc. Ph.D. (Environmental Science)
- Area of Specialization -Environmental Toxicology and Phytoremediation, Environmental Impact Assessment and Management, Ground Water Pollution

5. Other departmental level Academic Activities:

i. Geo Youth Fest-

GEOYOUTH FEST was organized on 7th of February, 2020. This day was chosen to spread the awareness about Geology and their future objectives. That event was basically based on acquaint young minds with the subject that aims to unravel the dynamics of the planet of the Earth. Different activities were conducted on this occasion.

a. Poster Competition
b. Rangoli Competition
c. Geological model competition
d. Quiz competition

ii. Fossil day-

Fossil day was celebrated on 16th of October, 2019. 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.

iii. Foundation day

Foundation day of department was celebrated on 9 August, 2019 whose theme was “Current Scenario and Future Aspects of Geology”. To make the celebrations worth remembering, various activities and competitions were conducted on this occasion. The students made different models and posters related to Earth’s structure, its geomorphic features.

5. Students achievements:

i. M.Sc. Dissertation Completed:

Name of Faculty	No. of students
Dr. (Mrs.) Vertika Shukla	03
Dr. Priyanka	03
Dr. Anis	02
Dr. Sushil Kumar Bharti	03
Dr. Dhananjay Kumar	02
Mr. Ravindra Kumar	03
Mr. Sonu Kumar	03

ii. Details of students selected for teaching in higher education.

- Vaibhav Jaiswal selected for M.Tech. Applied Geology, NIT, Raipur
- Shubham Mishra, M.Tech. Course in Rs and GIS, 22 Aug. 2020, Indian Institute of Remote Sensing, DehraDun, Uttarakhand

iii. Number of student awarded SLET/NET/JRF/any other

- Fellowship

  Miss Ananya Srivastava, CSIR-NET, LS

  Research Scholars

Department of Environmental Microbiology

Department of Environmental Microbiology (earlier known as Department of Microbiology till 2020) 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 Programme running in the Department viz. M.Sc. in Industrial Microbiology & M.Sc. in Food Microbiology and Toxicology that take care of the applied aspects of Microbiology and are industry and job oriented. Five year Integrated Basic Sciences run by the Department has been placed under School of Physical and Decision Sciences from the Academic Session 2021-2022. At present, there are two Professors and seven Assistant Professors in the department with diverse fields of specialization namely Microbial Ecology, Bioremediation and Metagenomics, Rhizosphere Biology/Microbiology, Stress Physiology and General Microbiology. The department has well equipped M.Sc. Laboratory and developing state of the art research laboratories.

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

The emphasis of research in the Department is on utilizing microbes for enhancing crop yields in eco-friendly manner, biocontrol of pathogens, biodegradation of industrial wastes with emphasis on distillery and pulp paper industry, and microbe based foods for nutritional security. The Department has research grants from National funding agencies like DST, DBT and UGC. Department was included in FIST Programme of Department of Science and Technology, Government of India, New Delhi at Level 1 and a grant of Rs. 28 lakhs was sanctioned under the scheme. Rhizosphere Biology laboratory of the Department hosted a CV Raman International Fellow during 2017-2018, putting the University on the international map. In future, the Department vows to create excellence in the field of bioremediation, sustainable use of natural resources which is one of the target area of research. Students in the Department are trained for all the modern techniques in Microbiology and Biotechnology. Regular seminars and interaction meetings as per UGC guidelines are organized regularly in the department. The students of final semester also have to carry out dissertation work in which they get to know about how to pursue minor research projects.

1. Course offered:

- Ph.D. Environmental Microbiology
- M.Sc. Environmental Microbiology
- M.Sc. Food and Microbial Technology
- M.Sc. Industrial Microbiology

2. Facilities available in the Department

i. M.Sc. laboratory

ii. Research laboratory
iii. Smart Classroom
iv. Departmental Library

3.Details of faculty:

i. Prof. Ram Chandra

- **Specialization**: General Microbiology, Bioremediation and Metagenomics of industrial polluted site, bacterial assisted phytoremediation and ecorestoration of polluted site, Microbes and environment stress management
- **Experience:** Teaching: 15 years
- Research: 30 Years
- **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: 20 years
- Research: 20Years
- Qualification: M.Sc., Ph.D.

iii. Dr. Vinay Singh Baghel

- **Specialization**: Environmental Microbiology/ Env. Biotechnology/ Toxicology
- **Experience:** Teaching: 12 years
- Research: 09Years
- **Qualification:** M.Sc., Ph.D.

iv. Dr. Jay Shankar Singh

- **Specialization**: Microbial Ecology and Environmental Microbiology
- **Experience:** Teaching: 15 years
- Research: 15Years
- **Qualification:** M.Sc., Ph.D.

v. Dr. Ram Naresh Bhargava

- **Specialization**: Bioremediation of Environmental Pollutants and Metagenomics analysis
- **Experience:** Teaching: 09 years
- Research: 12Years
- **Qualification:** M.Sc., Ph.D.

vi. Dr. Pankaj Kumar Arora

- **Specialization**: Bacterial Genomics and Bioremediation
- **Experience:** Teaching: 05 years
- Research: 05Years
- **Qualification:** M.Sc., Ph.D.

vii. Dr. Digvijay Verma

- **Specialization**: Metagenomics, Microbiomics, Microbial diversity, Industrial Enzymes
- **Experience:** Teaching: 2.5 years

- Research: 11Years
- **Qualification:** M.Sc., Ph.D.

viii. Dr. Ravi Kumar Gupta

- **Specialization**: Microbial genetics, genes and small noncoding RNA regulation, bacterial pathogenesis in animal models and Nanotherapuetics.
- **Experience:** Teaching: 03 years
- Research: 12Years
- **Qualification:** M.Sc., Ph.D.

ix. Dr. Harish Chandra

- **Specialization**: Immunotoxicology; Immunoproteomics of microbial pathogens; Environmental Microbiology, Novel Drug Targets/ Vaccine Development; DC-T cell Interaction; Host-Pathogen Interaction; Microbiome/Metagenomics
- **Experience:** Teaching: 14 years
- Research: 14Years
- **Qualification:** M.Sc., Ph.D.

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

Prof. Ram Chandra

i. **Fellow,** Association of Microbiologists of India **(AMI**) **(2013)**
ii. **Fellow,** The Biotech Research Society of India **(BRSI), (2013)**
iii. **Fellow,** The Academy of Environmental Biology **(AEB),** Lucknow **(2008)**
iv. Selected Member (M.N.A.Sc.) **The National Academy of Sciences, India (NASI) (2013)**
v. Life member of **The Sugar Technologist of India (STAI),** Memb. No. 6445
vi. Life member of **Society of Toxicology**, India
vii. Life member of **Academy of Environmental Biology**, India
viii. Life member of **Association Microbiologist of India (AMI),** India
ix. Life member of **Indian Science Congress Association**, India
x. Life Member of **the Biotech Research Society**, India
xi. Life Member of **National Academy of Sciences**, India
xii. Life Member of **the Association for Overseas Technical Scholarship (AOTS),** Japan
xiii. Life members of **Indian Network for Soil Contamination Research (INSCR)**, New Delhi
xiv. Member of **American Society for Microbiology (ASM),** USA
xv. Life Member of **International Society of Environmental Botanists (ISEB)**

Prof. Rajesh Kumar

i. Life Member of **Association of Microbiologists of India**. Membership No.1224-1998
ii. Life Member, **Indian Science Congress**, Membership No. L23732, Agriculture and Forestry Sciences.
iii. Life Member, Asian **PGPR Society, ICRISAT Patancheru**, Hyderabad
iv. Life Member, **Microbiologists Society**, India, Membership No LM-284, September, 2019

Dr. Ram Naresh Bharagava

i. Life Member of the **Indian Science Congress Association (ISCA),** Kolkata, India

ii. Life Member of the **Association of Microbiologists of India (AMI),** India
iii. Life Member of the **Biotech Research Society of India (BRSI),** Trivandrum, India
iv. Life Member of the **Academy of Environmental Biology (AEB),** Lucknow, India

Dr. Digvijay Verma

i. Life Member of **Association of Microbiologists of India** (AMI)
ii. Life Member of **Biotech Research Society of India** (BRSI)
iii. Life Member of **Indian Science Congress Association** (ISCA, India)
iv. Associate editor in **BMC Microbiology**
v. Review Editor in **Frontiers in Microbiology**

Dr. Ravi Kumar Gupta

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

Dr. Pankaj Kumar Arora

i. Editorial Board Member of Scientific Reports, Data in Brief, Journal of Indian Botanical Society
ii. Academic Editor of PLOS ONE
iii. Associate Editor of Frontiers in Microbiology

5. Details of book written/edited by faculty members

i. Book titled "Microbes for Sustainable Development and Bioremediation" (2019) Edited by **Ram Chandra** and R.C. Sobti, published by CRC Press (Taylor & Francis Group), USA. ISBN: 9780367226008
ii. Book entitled "Phytoremediation of Environmental Pollutants" (2017) Edited by **Ram Chandra**, N.K. Dubey, Vineet Kumar, published by CRC Press (Taylor & Francis Group), USA. ISBN: 9781138062603
iii. Book entitled "Environmental Science and Engineering Volume 6: Toxicology" (2016) Edited by **Ram Chandra,** Bhola R. Gurjar, J.N. Govil, published by Studium Press LLC, USA, ISBN: **1626990948**
iv. Book entitled "Environmental Waste Management" (2015) Edited by **Ram Chandra,** published by CRC Press (Taylor & Francis Group), USA, ISBN: **9781498724746**
v. Book entitled "Distillery Wastewater Pollution and Bioremediation " (2014) Edited by **Ram Chandra,** published by CRC Press (Taylor & Francis Group), USA, ISBN: 9788123925035
vi. Book entitled "Advances in Biodegradation and Bioremediation of Industrial Waste" (2015) Edited by **Ram Chandra,** published by CRC Press (Taylor & Francis Group), USA, ISBN: 9781498700542
vii. Book entitled "Bacterial metabolism of melanoidins from distillery effluent" (2012) Edited by Ram Naresh Bhargava & **Ram Chandra,** published by Lambert Academic Publishing, ISBN: 9783848449033
viii. Book titled "Microalgae in Waste Water Remediation" (2021) Edited by Arun Kumar, **Jay Shankar Singh**, published by CRC Press (Taylor & Francis Group), USA. ISBN: **9780429298080**.

ix. Book titled "Microbial Services in Restoration Ecology" (2020) Edited by **Jay Shankar Singh,** SR Vimal, published by Elsevier. ISBN: 9780128204276.
x. Book titled "Biochar Applications in Agriculture and Environment Management" (2020) Edited by **Jay Shankar Singh,** C Singh, published by Springer. ISBN: **978-3-030-40997-5**.
xi. Book titled "Fate and transport of subsurface pollutants" (2020) Edited by Pankaj Kumar Gupta & **Ram Naresh Bharagava**, published by Springer Nature, Singapore. ISBN: **978-981-15-6564-9**.
xii. Book titled "Microbial Technology for Health and Environment. Vol. 22" (2020) Edited by **Arora, Pankaj Kumar**, published by Springer Nature, Singapore. ISBN **978-981-15-2679-4.**
xiii. Book titled "Microbial Technology for the Welfare of Society" (2019) Edited by **Arora, Pankaj Kumar**, published by Springer Nature, Singapore. ISBN **978-981-13-8844-6**
xiv. Book titled "Microbial metabolism of xenobiotic compounds" (2019) Edited by **Arora, Pankaj Kumar**, published by Springer Nature, Singapore. ISBN **978-981-13-7462-3**

6. Details of book chapter in edited volume

i. Sonam Tripathi, Kshitij Singh and Ram Chandra, "Adaptation of bacterial communities and plant strategies in amelioration and eco-restoration of organo-metallic industrial waste polluted site" in Microbes in Land Use Change Management. Elsevier (2021)
ii. Ram Chandra and Vineet Kumar, "Bacterial-Assisted phytoextraction Mechanism of heavy metals by native hyperaccumulator plants from distillery waste-contaminated site for Eco-restoration" in Microbes for Sustainable development. CRC Press (Taylor & Francis Group) (2020)
iii. S. Yadav,K. Singh R. Chandra, "Plant Growth- Promoting Rhizobateria (PGPR) and Bioremediation of Industrial waste" in Microbes for Sustainable development. CRC Press (Taylor & Francis Group) (2020)
iv. Ram Chandra and Vineet Kumar, 'Phytoremediation: A green sustainable technology for industrial waste management" in Phytoremediation of Environmental Pollutants. CRC Press (Taylor & Francis Group) (2018)
v. Rastogi S and Kumar Rajesh Remediation of heavy metals using non-conventional adsorbents and biosurfactant producing bacteria. In Environmental Degradation: Causes and Remediation Strategies (2020).
vi. Rastogi, S., Ratna, S., Said, O. B., & Kumar, R. Physiological and molecular aspects of retrieving environmental stress in plants by microbial interactions. In Microbes and Signaling Biomolecules Against Plant Stress (pp. 107-125). Springer, Singapore. (2021).
vii. Ratna, S., Rastogi, S., & Kumar, R. Phytoremediation: a synergistic interaction between plants and microbes for removal of unwanted chemicals/contaminants. In Microbes and Signaling Biomolecules Against Plant Stress (pp. 199-222). Springer, Singapore (2021).
viii. Das, A. J., Ambust, S., & Kumar, R. Management of Petroleum Industry Waste Through Biosurfactant-Producing Bacteria: A Step Toward Sustainable Environment. In Bioremediation of Industrial Waste for Environmental Safety (pp. 169-180). Springer, Singapore (2020).
ix. Vimal SR, Singh JS, 'Microbial services to nurture plant health under stressed soils' in Microbial Services in Restoration Ecology. Elsevier. (2020)
x. Arun Kumar, Jay Shankar Singh, 'Fundamentals and Advances in Energy, Food, Feed, Fertilizer, and Bioactive Compounds' in Handbook of Microalgae-Based Processes and Products. Academic Press (2020)
xi. A Kumar, Jay Shankar Singh, 'Biochar Coupled Rehabilitation of Cyanobacterial Soil Crusts: A Sustainable Approach in Stabilization of Arid and Semiarid Soils' in Biochar Applications in

Agriculture and Environment Management (2020)

xii. D Chaurasia, S Boudh, Js Singh, P Chaturvedi, 'Microbes and Microbial Enzymes as a Sustainable Energy Source for Biofuel Production' in Microbial Services in Restoration Ecology (2020)

xiii. D Chaurasia, S Boudh, Js Singh, P Chaturvedi, 'Microbes and Microbial Enzymes as a Sustainable Energy Source for Biofuel Production' in Microbial Services in Restoration Ecology (2020)

xiv. Gaurav Saxena, Roop Kishor, Ram Naresh Bharagava, Plaban Das, Pankaj Kumar Gupta and , Naveen Kumar, 'Emerging green technologies for biological treatment of leather tannery chemicals and wastewater' in Bioremediation for Environmental Sustainability (2021)

xv. Surabhi Zainith, Gaurav Saxena, Roop Kishor and Ram Naresh Bharagava, 'Application of microalgae in industrial effluent treatment, contaminants removal, and biodiesel production: opportunities, challenges, and future prospects' in Bioremediation for Environmental Sustainability (2021)

xvi. Gaurav Saxena, Roop Kishor, Surabhi Zainith and Ram Naresh Bharagava, 'Environmental contamination, toxicity profile, and bioremediation technologies for treatment and detoxification of textile effluent' in Bioremediation for Environmental Sustainability (2021)

xvii. Deborada Silva Vilar, Nadia Hortense Torres, Ram Naresh Bharagava, Muhammad Bilal, Hafiz M.N. Iqbal, Giancarlo Richard Salazar-Banda, Katlin Ivon Barrios Eguiluz, Luiz Fernando Romanholo Ferreira, 'Emerging contaminants in environment: occurrence, toxicity, and management strategies with emphasis on microbial remediation and advanced oxidation processes' in 'Microbe Mediated Remediation of Environmental Contaminants' (2020)

xviii. Ranyere Lucena de Souza, Luan Victor, Joberson Alves Junior, Mario Mamede Aguiar, Renato Nery Soriano, Ram Naresh Bharagava, Luiz Fernando Romanholo Ferreira, 'Aqueous two-phase systems: An alternative process for industrial dye recovery' in 'Fate and Transport of Subsurface Pollutants' (2020)

xix. Lei M.G., Gupta R.K., Lee C.Y.,' A Rat Model of Orthopedic Implant-Associated Infection for Identification of Staphylococcal Biofilm Proteins. In: Rice K.C. (eds) *Staphylococcus aureus.*in Methods in Molecular Biology, vol 2341. Humana, New York, NY (2021).

7. Paper published during the year by the faculty members:

i. Kumar, Adarsh, Ajay Kumar Singh, Shamshad Ahmad, and Ram Chandra. "Optimization of laccase production by Bacillus sp strain AKRC01 in presence of agro-waste as effective substrate using response surface methodology." J Pure Appl Microbiol 14, no. 1 (2020): 1-12.

ii. Sharma, Pooja, Sonam Tripathi, Preeti Chaturvedi, and Ram Chandra. "Characterization of Autochthonous Bacteria Capable for Degradation of Residual Organic Pollutants of Pulp Paper Mill Effluent by Biostimulation Process." Journal of Pure and Applied Microbiology 2 (2020): 1181-1194.

iii. Pooja, Sharma, Tripathi Sonam, and Chandra Ram. "Accumulation and histological observation of heavy metal in Brassica campestris L. and Chenopodium album L. growing on sludge of pulp paper industry after secondary treatment." Journal of Experimental Biology and Agricultural Sciences 8, no. 3 (2020): 320-333.

iv. Sharma, Pooja, S. Tripath, and Ram Chandra. "Environmental Impacts of Pulp Paper Mill Effluent: Potential Source of Chromosomal Aberration and Phytotoxicity." International Journal of Applied Environmental Sciences 15, no. 1 (2020): 77-92.

v. Sharma, Pooja, Sonam Tripathi, Shailesh Kumar Patel, Kuldeep Dhama, and Ram Chandra. "SARS-CoV-2/COVID-19 and its Transmission." Prevention, Treatment and Control–An Update, J. Pure Appl. Microbiol 14 (2020).

vi. Sharma, Pooja, Sonam Tripathi, and Ram Chandra. "Phytoremediation potential of heavy metal accumulator plants for waste management in the pulp and paper industry." Heliyon 6, no. 7 (2020): e04559.

vii. Arumugam, Vijaya Anand, Sangeetha Thangavelu, Zareena Fathah, Pavithra Ravindran, Ann Mary Alappat Sanjeev, Sunantha Babu, Arun Meyyazhagan, Mohd Iqbal Yatoo, Khan Sharun, Ruchi Tiwari and Ram Chandra. "COVID-19 and the world with co-morbidities of heart disease, hypertension and diabetes." J Pure Appl Microbiol 14, no. 3 (2020): 1623-1638.

viii. Singh, Ajay Kumar, Adarsh Kumar, and Ram Chandra. "Detection of refractory organic pollutants from pulp paper mill effluent and their toxicity on Triticum aestivum; Brassica campestris and Tubifex-tubifex." Journal of Experimental Biology and Agricultural Sciences 8, no.663.675 (2020).

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lii. Omar, Rishabh Anand, Nishith Verma, and Pankaj Kumar Arora. "Development of ESAT-6 Based Immunosensor for the Detection of Mycobacterium tuberculosis." Frontiers in immunology 12 (2021).

8. Attended/participated in Conferences/seminar/workshop inside country:

i. **Dr. Vinay Singh Baghel** Completed one week **Faculty Development program (FDP)** on '*Research Methodology'* organized by 'Sharda University' Greater Noida, Uttar Pradesh (**From 05 April, 2021 - April 09, 2021**)

ii. **Dr. Vinay Singh Baghel** Completed one week **Faculty Development program (FDP)** in NIT, Calicut, organized by 'AICTE Training And Learning (ATAL) Academy (**From 31 May, 2021 - June 04, 2021**)

iii. **Dr. Digvijay Verma** Completed one week **Faculty Development program (FDP)** on '*E-content development & online teaching'* organized by TLC, Ramanujan college, University of Delhi, New Delhi and sponsored by Ministry of Human Resource Development (MHRD) launched the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) (**From 07 February, 2021 - February 14, 2021**),

iv. **Dr. Digvijay Verma** participated in International webinar conducted Association of Microbiologist of India during **September 20, .2020**.

v. **Dr. Ravi Kumar Gupta** participated in **Guru Dakshta program** sponsored by UGC organized by University of Lucknow from **October 1-31, 2020.**

vi. **Dr. Ravi Kumar Gupta** participated in two weeks **refresher/FDP program** in "Managing Online Classes & Co- creating MOOCS 4.0" organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from **24th March to 7th April, 2021**

vii. **Dr. Ravi Kumar Gupta** participated in International Webinar on "**Environment - in the scenario of Covid-19 and Nanoparticles**" organized by Chandra Bhanu Gupta Agriculture P.G. College, Bakshi Ka Talab, Lucknow, held on **16th June 2020**

viii. **Dr. Ravi Kumar Gupta** participated in the Two-Day Online Workshop on "**Online Tools & Software for Remote Teaching - Learning**" organized by UGC-HRDC, Jawaharlal Nehru Technological University, Hyderabad, Telangana State, held during **24th & 25th of April, 2020**

10. Consultancy works:

Paid consultancy with amount received

i. Drawing, Designing, Engineering, Construction, Supply, Installation, Erection, Testing & Commissioning of Effluent Treatment Plant for Hospitals with all Civil & Electromechanical work by **M/S Saviour Envirotech, Lucknow**

ii. Total cost: Rs. 25000 **(Prof. Ram Chandra)**

12. Details of invited lecture inside the country:

i. Prof. Ram Chandra delivered a invited lead lecture in National Web Seminar on theme 'Natural Resource Conservation and Management' entitled "Discharge of Endocrine Disrupting Chemicals (EDCS) Containing Organic Pollutants from Pulp Paper Industries as a challenge for conservation of aquatic resources and their remedial strategies" on dated 20 March, 2021 at Babasaheb Bhimrao Ambedkar University is a Central University in Lucknow, Uttar Pradesh.

i. Prof. Ram Chandra delivered a Hindi Invited lecture on कागज कारखानों के अपशष्टि एवं उत्सराव से जलीय प्रदुषण के साथ पर्यावरण एवं मानव स्वास्थ्य पर दुषप्रभाव एवं रोकथाम on dated 19 January 2021 at CSIR-Indian Institute of Toxicology Research, Lucknow under National Hindi Sangosthi.

ii. Prof. Ram Chandra delivered an Invited lecture on "Industrial Waste Pollution and Green Technology" under Green Skill Development Programme being conducted by CSIR-NBRI MoU on dated 18 January 2021 at Babasaheb Bhimrao Ambedkar University is a Central University in Lucknow, Uttar Pradesh.

iii. Prof. Ram Chandra delivered an Invited lecture as resource person in online refresher course on "Health hazards of pulp paper mill waste containing residual organic pollutants after secondary treatment and their detoxification by biostimulation process" on dated 22 December 2020 at Babasaheb Bhimrao Ambedkar University is a Central University in Lucknow, Uttar Pradesh.

iv. Prof. Ram Chandra delivered an Invited lecture as resource person in online refresher course on "Health hazards of post methanated distillery waste on environment and green technology for environment safety" on dated 22 December 2020 at Babasaheb Bhimrao Ambedkar University is a Central University in Lucknow, Uttar Pradesh.

v. Prof. Ram Chandra delivered an Invited lecture as resource person in online refresher course on "Health hazards of distillery waste and its biodegradation for environmental safety" on dated 23 December 2020 at Babasaheb Bhimrao Ambedkar University is a Central University in Lucknow, Uttar Pradesh.

vi. Dr. Digvijay Verma delivered an Invited lecture as resource person in AICTE sponsored online Short-Term Training Program (STTP) on "Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health care" held during December 21 to 26, 2020 at Department of Biotechnology, K.S. Rangasamy College of Technology, Tiruchengode-637 215.

vii. Dr. Digvijay Verma delivered an Invited lecture as a resource person in AICTE sponsored online Short-Term Training Program (STTP) on "Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health care" held during January

04 to 09, 2021 at Department of Biotechnology, K.S. Rangasamy College of Technology, Tiruchengode-637 215.

viii. Dr. Digvijay Verma delivered an Invited lecture as a resource person in AICTE sponsored online Short-Term Training Program (STTP) on "Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health care" held during January 18 to 23, 2021 at Department of Biotechnology, K.S. Rangasamy College of Technology, Tiruchengode-637 215.

13. Details of National Awards/fellowship:

- **Dr. Pankaj Kumar Arora** awarded one of the most prestigious fellowship, Ramalingaswami Re-Entry Fellowship by the Department of Biotechnology

14. Details of Research Projects:

i. Prof. Ram Chandra is running a major project entitled "Development and demonstration of pulp paper mill effluent detoxification technology after secondary treatment by combination of bio-augmentation and constructed wetland treatment process for re-use and prevention of river pollution" funded by DBT, New Delhi, with grant of Rs. 72.59 lakh for three years (w.e.f. March 2018)

ii. Prof. Ram Chandra has completed a major project entitled "Optimization of Post Methanated Distillery Effluent (PMDE) TDS Reduction for Development of Decolourisation and Detoxification Technique in Two Step Treatment Process Using Bacteria and Constructed Wetland Plant Treatment" funded by DBT, New Delhi, with grant of Rs. 45.14 lakh (w.e.f. April 2017 to September 2020)

iii. Prof. Ram Chandra has completed a major project entitled "Study the biofilm formation in bacterial community, detection of quorum sensing molecules and their gene expression during bioremediation of chlorolignin pollutants discharged from pulp paper industry" funded by DST, New Delhi, with grant of Rs. 42.00 lakh.

iv. Dr. Ram Naresh Bharagava has completed a major project entitled "Development and optimization of a bacterial process for the degradation and detoxification of recalcitrant organic pollutants (ROPs) from tannery wastewater for environmental safety" funded by DST, New Delhi, with grant of Rs. 50.00 lakh. (w.e.f. April 2017 to September 2020)

v. Dr. Digvijay Verma has completed a major project entitled "Exploring the microbiome of smokeless tobacco" funded by UGC-BSR Start-up Grant, University Grant commission, New Delhi, with grant of Rs. 10lakh (w.e.f. April 2018 to March 2021)

vi. Dr. Ravi Kumar Gupta has completed a major project funded by UGC-BSR Startup with Grant of Rs.10 lack (w.e.f. April 2019 to March 2021)

vii. Dr. Pankaj Kumar Arora

viii. UGC-BSR Stat Up grant (Metabolite profiling of degradation of chlorinated nitroaromatic compounds)

ix. Ramalingaswami Re-entry Project (Development of bioremediation technologies for bioremediation of heavy metals and studies of bacterial diversity for industrial usage)

15. Details of patents filled/ Awarded:

Title: Decolorization and Detoxification of Distillery Wastewater with Combined Use of Bacteria and Constructed Wetland Treatment

Status: Filed

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

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

17. Students achievements:

- Accomplishments of the students.
- Faculty wise supervision of the Ph.D. and M.Phil Student/Dissertation and thesis submission/ degree awarded

Sl.No.	Students	Guide	Fellowship availed	Status
1.	Jai Prakash	Prof. Naveen Kumar Arora	UGC-Non NET felowship	Degree Awarded
2.	Rishabh Chitranshi	Prof. Naveen Kumar Arora	UGC-Non NET felowship	Degree Awarded
3.	Pooja Sharma	Prof. Ram Chandra	DBT project JRF	Degree Awarded
4.	Amar Jyoti Das	Prof. Rajesh Kumar	DST-inspire	Degree Awarded
5.	Ashutosh Yadav	Dr. Ram Naresh Bharagava	UGC-Non NET felowship	Degree Awarded
6.	Gaurav Saxena	Dr. Ram Naresh Bharagava	UGC-Non NET felowship	Degree Awarded
7.	Surabhi Zainith	Dr. Ram Naresh Bharagava	UGC-Non NET felowship	Degree Awarded

- Number of student completed their Masters/Graduation/Diploma
  i. M.Sc. in Environmental Microbiology **(15)**
  ii. M.Sc. in Industrial Microbiology **(12)**
  iii. M.Sc. in Food Microbiology and Toxicology **(11)**
- Number of student selected on other government jobs/banking/school teaching etc.-03
- **Number of student awarded SLET/NET/JRF/any other fellowship-**02

18. Google profile of the faculty members:

1. **Prof. Ram Chandra**

All	Since 2016	
Citations	5861	3841
h-index	43	36
i10-index	92	81

2. **Dr. Vinay Singh Baghel**

All	Since 2016	
Citations	334	181
h-index	9	7
i10-index	7	7

3. **Dr. Jay Shankar Singh**

All Since 2016

Citations	4829	3940
h-index	34	32
i10-index	68	64

4. Dr. Ram Naresh Bharagava

All	Since 2016	
Citations	4716	4256
h-index	37	36
i10-index	79	78

5. Dr. Digvijay Verma

All	Since 2016	
Citations	615	458
h-index	10	9
i10-index	10	9

6. Dr. Ravi Kumar Gupta

All	Since 2016	
Citations	407	324
h-index	11	11
i10-index	11	11

7. Dr. Pankaj Kumar Arora

All	Since 2016	
Citations	1786	1428
h-index	23	18
i10-index	35	30

8. Dr. Harish Chandra

All	Since 2016	
Citations	225	174
h-index	8	8
i10-index	8	7

Department of Environmental Science

Department of Environmental Science is presently offering P.G. programme i.e., M.Sc. in Environmental Science. The Department is working as interdisciplinary center to learn and disseminate the knowledge in various aspect of environment by offering M.Sc. and Ph.D. degrees to students. Presently, there are 40 P.G. students in Environmental Science, 44 Research Scholars and 01 PDF's working in diverse fields of Environmental Sciences. 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, Bio energy, 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 programmes funded by DBT, DST, CSIR, Science & Technology, UP. The Department came into existence in 1997 under the School of Earth & Environmental Sciences (SEES).These programs provide students with a high-quality environmental education that includes experience with research and field training.

The Department intends to impart special training to students who can easily handle the emerging environmental problems of various kinds faced by the industries and the society on the both technological and environmental fronts. There are six Professors, two Associate Professor and one 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 Modeling and Management.

The department has also signed MOU with various research organizations working in the area of Environmental Science such as Indian Institute of Toxicological Research (IITR), National Botanical Research Institute (NBRI) and Central Institute of Medicinal and Aromatic Plants (CIMAP). During the last 5 years, more than 17 students of this department have qualified in NET/GATE organized by UGC/ICAR/AICTE etc. The Department of Environmental Science has been included in the FIST Programme of Department of Science and Technology, Govt. of India and received a sum of Rs. 50lacs 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 programme on current topics in the field of environmental sciences from time to time. Department takes pride in not missing the celebration of national Science, 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.

1. Course Offered:

i. M.Sc. (Environmental Science)

ii. Ph.D (Environmental Science)

2. Facilities available in the Department:

- 01 M.Sc. Laboratory
- 05 Research Laboratory
- 01 Smart Classroom
- 01 Departmental Library
- 01 Field Station

3. Details of Faculty:

i. Prof. D.P. Singh

- Professor
- Specialization: Environmental Microbiology/Stress Physiology
- Qualification:M.Sc., Ph.D.

ii. 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.

iii. Prof. S.K. Dwivedi

- Professor
- Specialization: Microbiology Ecology, Environmental Microbiology
- Qualification:M.Sc., Ph.D.

iv. Prof. Naveen Kumar Arora

- Professor&Head
- Specialization: Environmental and Agricultural Microbial Technology
- Qualification:M.Sc., Ph.D.

v. Prof. Shikha

- Professor
- Specialization: Environmental Microbiology
- Qualification:M.Sc., Ph.D.

vi. Prof. Venkatesh Dutta

- Professor
- Specialization: Environmental Management, EIA, Modeling, Water Res. Management
- Qualification:M.Sc., Ph.D

vii. Mr. N.K.S. More

- Associate Professor

- Specialization: Cell & Developmental Biology, Toxicology
- Qualification: M.Sc., M.Phil.

viii. Dr. Narendra Kumar

- Associate Professor
- Specialization: Environmental Pollution, Impact Assessment and bioremediation
- Qualification:M.Sc., Ph.D.

ix. Dr. Jiwan Singh

- Assistant Professor
- Specialization: Solid waste management, water and waste water treatment, synthesis of nano materials and their applications, composting/ vermi composting, phytoremediation
- Qualification: M.Sc. M.Tech., Ph.D.

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

Prof. Naveen Kumar Arora

i. Organized World Environment Day on theme “Time for Nature” at BBA University, Lucknow , June 05, 2020

ii. Organizing Secretary & Convener, International Webinar on “COVID-19 and Environmental Linkages” based on special issue of the journal “Environmental Sustainability” organized by Department of Environmental Science, BBA University in collaboration with Society for Environmental Sustainability and Springer Nature., 29th June, 2020

iii. Co-organizer, International Webinar on “The Challenges and Scientific Advances for SARS-CoV-2” organized by Assam University, Silchar in collaboration with Society for Environmental Sustainability and Springer Nature. 27th August, 2020

iv. Convener, National Webinar on "आपदासेअवसरतकःसमृद्धगाँवदृ आत्मनिर्भरभारत" under the aegis of Unnat Bharat Abhiyan at BBA University, Lucknow. 02nd September, 2020

v. Organized an online Elocution Competition on Theme: “Mahatma Gandhi’s Vision on Aatmnirbhar Bharat” 02nd October, 2020

vi. Organized an online Awareness Programme on theme: "नारीशक्तिः राष्ट्रउन्नति" 22nd October, 2020

vii. Organize National Webinar on “Lighten the load Psychological Resilience and Emotional Wellbeing of Women” 13th November, 2020

viii. Organize National Webinar on “Preventing, Combating and Responding to Gender Based Violence” 20th January, 2021

ix. Organizing Secretary & Convener, Training Program for Farmers on “fdlkuksa ds dkS’kyfodkl ds fy, çf’k{k.k” under STI-HUB Project funded by DST-SEED. 22nd – 26th February, 2021

x. Organized One day skill development training program on “COVID Era and Self Reliant India: Role of Women” on the occasion of International Women’s Day at Sarojini Nagar Block, Lucknow under UBA8th March, 2021

5. Co-curricular/Extra-curricular/sportsActivities

Prof. Naveen Kumar Arora

i. **Chairman**, **‘SwachhtaPakhwada’** at BBA University, Lucknow

ii. **Nodal Officer,** Unnat Bharat Abhiyan Program of MHRD.

iii. **Nodal Officer,** 'Ek Bharat Shrestha Bharat'

iv. **Coordinator,** Foundation Courses of BBA University, Lucknow

Activities done under Unnat Bharat Abhiyan:

i. Meeting with Gram Pradhans, Gram Sachivs of adopted villages and Block District Officer of Sarojini Nagar, Lucknow during pandemic COVID- 19

ii. Poster Competition on theme "Coronavirus Pandemic: prevention and impact on the villages"

iii. National Webinar on "आपदासेअवसरतकःसमृद्धगाँवदृ आत्मनिर्भरभारत" on 02ndSeptember, 2020

iv. Organized an online Elocution Competition on Theme: "Mahatma Gandhi's Vision on Aatmnirbhar Bharat" 2nd October, 2020

v. Organized an online Awareness Programme on theme: "नारीशक्तिः राष्ट्रउन्नति" 22nd October, 2020

vi. Organized National Webinar on "Lighten the load Psychological Resilience and Emotional Wellbeing of Women" 13th November, 2020

vii. Organized National Webinar on "Preventing, Combating and Responding to Gender Based Violence" 20thJanuary, 2021

viii. Organized One day skill development training program on "COVID Era and Self Reliant India: Role of Women" on the occasion of International Women's Day at Sarojini Nagar Block, Lucknow 08th March, 2021

Activities done under 'Ek Bharat Shrestha Bharat':

i. EBSB Tableau

ii. Elocution Competition

iii. Singing Competition on EBSB Day (2nd Friday)

iv. Poster making Competition

v. Dance Competition

vi. Quiz Competition

vii. Fancy Dress Competition

viii. Online Singing, Dancing and Cuisine Competition

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

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. Life Member of Clean and Green 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

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

Mr. N.K.S. More

i. Member, Governing Board, Bharat Jan GyanVigyanSamiti (Registered), Lucknow. , upto 23rd March 2021.

ii. Member, RDC, Faculty of Science, Integral University, Lucknow.

Dr. Narendra Kumar

i. Life member, Zoological society of India, Bodhgaya

ii. Life Member, BBAU Alumni Association, Lucknow.

7. Details of Books written/edited by faculty members:

Prof. D.P. Singh

Vimal Chandra Pandey and D.P. Singh. (2020). Phytoremediation potential ofperennialgrasses. Elsevier.ISBN 978-0-12-817732-7.

Prof. Rana Pratap Singh

Ecological and Practical Applications for Sustainable Agriculture (2020) Bauddh, Kuldeep, Kumar, Sanjeev, Singh, Rana Pratap and Korstad, John (Ed.) Springer.

Prof. Naveen Kumar Arora

i. Egamberdieva, Dilfuza, Tiezzi, Antonio (Series Ed. N K Arora) 2019. Medically Important Plant Biomes: Source of Secondary Metabolites, Springer. Series: Microorganisms for Sustainability, Vol. 15 ISBN 978-981-13-9565-9

ii. Kumar, Ashok, Sharma, Swati (Series Ed. N K Arora) 2019. Microbes and Enzymes in Soil Health and Bioremediation, Springer. Series: Microorganisms for Sustainability, Vol. 16 ISBN 978-981-13-9116-3

iii. Arora, Pankaj Kumar (Series Ed. N K Arora) 2019. Microbial Technology for the Welfare of Society, Springer. Series: Microorganisms for Sustainability, Vol. 17 ISBN 978-981-13-8843-9

iv. Arora NK, Mishra, Jitendra, Mishra, Vaibhav (Series Ed. N K Arora) 2020. Microbial Enzymes: Roles and Applications in Industries, Springer. Series: Microorganisms for Sustainability, Vol. 11 ISBN 978-981-15-1710-5.

v. Bharagava, Ram Naresh (Series Ed. N K Arora) 2020. Emerging Eco-friendly Green Technologies for Wastewater Treatment, Springer. Series: Microorganisms for Sustainability, Vol. 18 ISBN 978-981-15-1390-9.

vi. Arora, Pankaj Kumar (Series Ed. N K Arora) 2020. Microbial Technology for Health and Environment, Springer. Series: Microorganisms for Sustainability, Vol. 22 ISBN 978-981-15-2679-4

vii. Yadav, A.N., Rastegari, A.A., Yadav, N., Kour, D. (Series Ed. N K Arora) 2020. Advances in Plant Microbiome and Sustainable Agriculture, Diversity and Biotechnological Applications, Springer. Series: Microorganisms for Sustainability, Vol. 19 ISBN 978-981-15-3208-5

viii. Yadav, A.N., Rastegari, A.A., Yadav, N., Kour, D. (Series Ed. N K Arora) 2020. Advances in Plant Microbiome and Sustainable Agriculture, Functional Annotation and Future Challenges, Springer. Series: Microorganisms for Sustainability, Vol. 20 ISBN 978-981-15-3204-7

ix. Goel, Gunjan, Kumar, Ashok (Series Ed. N K Arora) 2020 Advances in Probiotics for Sustainable Food and Medicine. Springer. Series: Microorganisms for Sustainability, Vol. 21 ISBN 978-981-15-6794-0

x. Gupta, Pankaj Kumar, Bharagava, Ram Naresh (Series Ed. N K Arora) 2020. Fate and Transport of Subsurface Pollutants. Springer. Series: Microorganisms for Sustainability, Vol. 24 ISBN 978-981-15-6563-2

xi. Sharma, S.K., Singh, U.B., Sahu, P.K., Singh, H.V., Sharma, P.K. (Series Ed. N K Arora) 2020. Rhizosphere Microbes. Springer. Series: Microorganisms for Sustainability, Vol. 23 ISBN 978-981-15-9154-9

xii. Panpatte, Deepak G., Jhala, Yogeshvari K. (Series Ed. N K Arora) 2020. Microbial Rejuvenation of Polluted Environment; Volume 1. Springer. Series: Microorganisms for Sustainability, Vol. 25 ISBN 978-981-15-7446-7

xiii. Panpatte, Deepak G., Jhala, Yogeshvari K. (Series Ed. N K Arora) 2020. Microbial Rejuvenation of Polluted Environment; Volume 2. Springer. Series: Microorganisms for Sustainability, Vol. 26 ISBN 978-981-15-7454-2

xiv. Adetunji, Charles Oluwaseun, Panpatte, Deepak G., Jhala, Yogeshvari K. (Series Ed. N K Arora) 2020. Microbial Rejuvenation of Polluted Environment; Volume 3. Springer. Series: Microorganisms for Sustainability, Vol. 27 ISBN 978-981-15-7458-0

xv. Seneviratne, Gamini, Zavahir, J. Shezmin (Series Ed. N K Arora) 2021. Role of Microbial Communities for Sustainability. Springer. Series: Microorganisms for Sustainability, Vol. 29 ISBN 978-981-15-9911-8

Prof. Venkatesh Dutta

Dutta, V. (2021) Water Conflicts and Resistance - Issues and Challenges in South Asia, Ed. Routledge, UK

Dr. Narendra Kumar

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

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

8. Details of Book Chapterin edited volume

Prof. Rana Pratap Singh

i. Singh, Kripal, Awasthi, Ashutosh, Singh, Rana Pratap, Tewari, S.K. (2020). Current Developments in Biotechnology and Bioengineering., RpamKataki et al. (eds.), *Merging the margins for beneficial biofuels: An Indian perspective*, Elsevier, Netherlands DOI https://doi.org/10.1016/B978-0-444-64309-4.00007-6 pp: 163-178

ii. Ashima Singh, Rana Pratap Singh, and Nandkishor More (2020). Challenges to Organic Farming in Restoration of Degraded Land in India. Pratibha Singh et al. (eds.), *Plant Responses to Soil Pollution,* Springer Nature Singapore Pte Ltd. ISBN : 978-981-15-4963-2, DOI: https://doi.org/10.1007/978-981-15-4964-9, pp: 27-38.

Prof.S.K.Dwivedi

i. Mishra, P., Mishra, J., Dwivedi, S. K., & Arora, N. K. (2020). 10 Microbial Enzymes in Biocontrol of Phytopathogens. *Microbial Enzymes: Roles and Applications in Industries*, *11*, 259.

ii. Singh, G., Dwivedi, S. K., & Mishra, J. (2020). Role of Fungal Enzymes in the Removal of Azo Dyes. In *Microbial Enzymes: Roles and Applications in Industries* (pp. 231-257). Springer, Singapore.

Prof. Naveen Kumar Arora

i. S Kota, V Kukanur, RR Sree, Arora NK, J Jaba, DK Rana 2021. The Role of Natural Enemies and Biopesticides for Sustainable Management of Major Insect Pests of Legumes. In book *Biopesticides in Organic Farming,* eBook ISBN 9781003027690, pp. 207-216.

ii. Mishra P., Mishra J., Dwivedi SK., Arora NK.,2020.Microbial Enzymes in Biocontrol of Phytopathogens. In book *Microbial Enzymes: Roles and Applications in Industries*, N. K. Arora et al. (eds.) DOI: 10.1007/978-981-15-1710-5_10; pp.259-285.

Prof. Shikha

i. Shikha, Shailja Singh and Shiv Shankar (2021) Microbial metagenomics: potential and challenges, Chapter 8, In: Advances in Animal Genomics, (Editors- Ram Lakhan Singh and SukantaMondal), pp 109-122, Academic Press, Elsevier (ISBN: 978-0-12-820595-2).

ii. Asha Pandey, Anuradha Mishra, Shiv Shankar and Shikha (2021) Environmental issues and their ethical solutions In: Environmental Communication "Lab to Land (Editors-DrManoj Mishra &DrSudhir K. Upadhyay), pp 197-220, Shree Publishers and Distributors, New Delhi-110 002,(ISBN: 978 -81-948189-5-3).

iii. SaumyaKhare andShikha(2021) Green bio-processes "Enzymes in Industrial Food Processing", Journal of cleaner production, 315 (2021) 128084 (https://doi.org/10.1016/j.jclepro.2021.128084), Elsevier (0950-6526)

Prof. Venkatesh Dutta

i. Kumar, S., Pratap, B., Dubey, D. and Dutta, V. (2020) Microbial Communities in Constructed Wetland Microcosms and Their Role in Treatment of Domestic Wastewater. In Emerging Eco-friendly Green Technologies for Wastewater Treatment (pp. 311-327). Springer, Singapore.

ii. Dutta, V., Sharma, U., & Kumar, R. (2020) Restoring Environmental Flows for Managing River Ecosystems: Global Scenario with Special Reference to India. In Environmental Concerns and Sustainable Development (pp. 163-183). Springer, Singapore.

iii. Dubey, D. and *Dutta, V*. (2020) Nutrient Enrichment in Lake Ecosystem and Its Effects on Algae and Macrophytes. In *Environmental Concerns and Sustainable Development* (pp. 81-126). Springer, Singapore.

Mr. N.K.S. More

i. Ashima Singh RanaPratap Singh Nandkishor More, Challenges to Organic Farming in Restoration of Degraded Land in India: P Singh et al.(eds) Plant Responses to Soil Pollution 2020.https://doi.org/10.1007/978-981-15-4964-9_2, Springer Nature

ii. Sandhya Mishra, Sikandar I Mulla , SudiptaSaha, ArunKharat, Nandkishor More and Ram NareshBharagava (2021) Involvement of Synergistic Interactions Between Plant and Rhizospheric Microbes for the Removal of Toxic/Hazardous Contaminants: A Sharma (ed.) Microbes and Signalling Molecules Against Plant Stress, https;//doi.org/10.1007/978-981-15-7094-0_12. Springer Nature

Dr. Narendra Kumar

i. Sushil K Bharti, S C Barman, Narendra Kumar (2020) Organochlorine pesticides (OCPs) in Atmospheric particulate Matter: Sources and effects (2019) In Shukla and Kumar(eds) *Environmental Concerns and Sustainable Development Volume 1: Air, Water and Energy Resources*. 97-111

ii. Jaya Tiwari, V Subramaniam and Narendra Kumar and Anjali Verma (2020) Policy Interventions in achieving water security in India. In Shukla and Kumar (eds) *Environmental Concerns and Sustainable Development Volume 1: Air, Water and Energy Resources*. 257-274

iii. Anjali Verma and Narendra Kumar (2020) Inter-basin water transfer and policy of water resource Management (2019). In Shukla and Kumar (eds) *Environmental Concerns and Sustainable Development Volume 1: Air, Water and Energy Resources*. 275-291

Dr. Jiwan Singh

Kanaujia, N., Singh, J., Kalamdhad A., 2021 Biogas Development in India: A Sustainable Energy for Future, in Kalamdhad A.S. (Ed.) Integrated Approaches Towards Solid Waste Management (In press) Springer natureISBN 978-3-030-70462-9, ISBN 978-3-030-70463-6 (eBook) https://doi.org/10.1007/978-3-030-70463-6

9. Paper Publishedduring the year by the faculty members

Prof. D.P. Singh

Kanchan Sonkar and D.P. Singh* (2020) Bio chemical characterization and ther modynamic study of lipase from psychrotolerant *Pseudomonaspunonensis.*Bio catalysis and Agricultural Biotechnology. (Accepted)

Prof. Rana Pratap Singh

i. Kumar, Pawan and Singh, Rana Pratap(2020). Potentials and limitations of multifunctional microbial stimulants in sustainable agriculture. RASSA Journal of Science for Society, 2(1), 21-26. (Review)

ii. Maddhesiya, Pawan Kumar, Singh, Kripal and Singh, Rana Pratap (2020). "Effects of perennial aromatic grass species richness and microbial consortium on soil properties of marginal lands and biomass production" ***Land Degradation & Development***, 32(2); 1008-1021, DOI: https://doi.org/10.1002/ldr.3742. [Impact Factor Thomson and Reuters: 4.34]

Prof. S.K. Dwivedi

i. Kumar, V., Singh, G., &Dwivedi, S. K. (2021). Arsenic and Nickel Stress Response, Their Bioremediation Potential and Mechanism of Trichoderma lixii Isolated from Electroplating Wastewater. *Geomicrobiology Journal*, 1-13. **(IF 2.308)**

ii. Kumar, S., &Dwivedi, S. K. (2021). Impact on particulate matters in India's most polluted cities due to long-term restriction on anthropogenic activities. *Environmental Research*, 111754**. (IF 6.498)**

iii. Singh, G., Kumar, V., &Dwivedi, S. K. (2021). Comparative Investigation of Congo Red and Direct Blue-1 Adsorption on Mycosynthesized Iron Nanoparticle. *Journal of Cluster Science*, 1-17. **(IF 3.06)**

iv. Kumar, V., &Dwivedi, S. K. (2021). A review on accessible techniques for removal of hexavalent Chromium and divalent Nickel from industrial wastewater: Recent research and future outlook. *Journal of Cleaner Production*, 126229. **(IF 9.29)**

v. Kumar, V., &Dwivedi, S. K. (2021). Bioremediation mechanism and potential of copper by actively growing fungus *Trichoderma lixii* CR700 isolated from electroplating wastewater. *Journal of Environmental Management*, *277*, 111370. **(IF 6.78)**

vi. Kumar, V., &Dwivedi, S. K. (2021). Mycoremediation of heavy metals: processes, mechanisms, and affecting factors. *Environmental Science and Pollution Research*, 1-38. **(IF 4.22)**

vii. Kumar, V., &Dwivedi, S. K. (2020). Multimetal tolerant fungus Aspergillus flavus CR500 with remarkable stress response, simultaneous multiple metal/loid removal ability and bioremediation potential of wastewater. *Environmental Technology & Innovation*, *20*, 101075. **(IF 5.26)**

viii. Dwivedi, N., &Dwivedi, S. K. (2020). Soil Solarization: An Ecofriendly Technique to Eradicate Soil Fusaria Causing Wilt Disease in Guava (PsidiumGuajava). *International Journal of Fruit Science*, *20*(sup3), S1765-S1772. **(IF 1.359)**

ix. Kanaujiya, D., Kumar, V., Dwivedi, S. K., & Prasad, G. (2020). Photobiosynthesis of silver nanoparticle using extract of Aspergillus flavus CR500: its characterization, antifungal activity and mechanism against Sclerotiumrolfsii and Rhizoctoniasolani. *Journal of Cluster Science*, *31*(5), 1041-1050. **(IF3.06)**

x. Singh, G., & Dwivedi, S. K. (2020). Decolorization and degradation of Direct Blue-1 (Azo dye) by newly isolated fungus Aspergillus terreus GS28, from sludge of carpet industry. *Environmental Technology & Innovation*, *18*, 100751. **(IF 5.26)**

xi. Prasad, G., & Dwivedi, S. K. (2020). Efficacy of Bioagents, Plant extracts and chemical fungicides against root rot disease in Zea mays caused by Sclerotiumrolfsii. *Asia Pacific Journal of Multidisciplinary Research*, *8*(1).

Prof. Naveen Kumar Arora

i. Soumare A, Diédhiou AG, **Arora NK**, Al-Ani LKT, Ngom M, Fall S, Hafidi M, Ouhdouch Y, Kouisni L and Sy MO 2021. Potential Role and Utilization of Plant Growth Promoting Microbes in Plant Tissue Culture. *Frontiers in Microbiology,* DOI: 10.3389/fmicb.2021.649878, (IF- 4.235)

ii. Mishra J, Mishra P &**Arora NK.** 2021. Linkages between environmental issues and zoonotic diseases with reference to COVID-19 pandemic. *Environmental Sustainability,* DOI:10.1007/s42398-021-00165-x

iii. Yadav AN, **Arora NK.** et al 2021. Beneficial microbiomes for bioremediation of diverse contaminated environments for environmental sustainability: present status and future challenges. *Environmental Science and Pollution Research,* DOI: 10.1007/s11356-021-13252-7. (IF- 3.056)

iv. Chauhan R & **Arora NK.** 2021. Heavy metal toxicity and sustainable interventions for their decontamination. *Environmental Sustainability,* DOI: 10.1007/s42398-021-00164-y

v. Prakash J & **Arora NK.** 2021. Novel Metabolites Identified From Bacillus Safensis and Their Antifungal Property Against AlternariaAlternata. *Research Square,* DOI: 10.21203/rs.3.rs-214500/v1.

vi. Fatima T & **Arora NK.** 2020. Pseudomonas entomophila PE3 and its exopolysaccharides as biostimulants for enhancing growth, yield and tolerance responses of sunflower under saline conditions. *Microbiological Research,* DOI: 10.1016/j.micres.2020.126671. (IF- 3.970)

vii. Mishra I, Fatima T, Egamberdieva D, **Arora NK.** 2020. Novel Bioformulations Developed from *Pseudomonas putida* BSP9 and its Biosurfactant for Growth Promotion of *Brassica juncea* (L.). *Plants,* DOI: 10.3390/plants9101349. (IF- 2.762)

viii. Sunita K, Mishra I, Mishra J, Prakash J &**Arora NK.** 2020. Secondary Metabolites From Halotolerant Plant Growth Promoting Rhizobacteria for Ameliorating Salinity Stress in Plants. *Frontiers in Microbiology,* DOI: 10.3389/fmicb.2020.567768. (IF- 4.235)

ix. Pandey P., **Arora NK**. 2020. Prof. Ananda Mohan Chakrabarty: The Superbug Superhero! *Environmental Sustainability,* DOI: 10.1007/s42398-020-00117-x

x. Fatima T., Mishra I., Verma R. &**Arora NK**. 2020. Mechanisms of halotolerant plant growth promoting *Alcaligenes*sp. involved in salt tolerance and enhancement of the growth of rice under salinity stress. *3 Biotech.*DOI: 10.1007/s13205-020-02348-5.(IF- 1.798)

xi. **Arora NK**., Fatima T., Mishra J., Mishra I, et al. 2020. Halo-tolerant plant growth promoting rhizobacteria for improving productivity and remediation of saline soils. *Journal of Advanced Research.* DOI: 10.1016/j.jare.2020.07.003. (IF- 6.992)

xii. Alaylar B., Egamberdieva D., Gulluce M., Karadayi M. &**Arora NK**. 2020. Integration of molecular tools in microbial phosphate solubilization research in agriculture perspective. *World Journal of Microbiology and Biotechnology,* DOI:10.1007/s11274-020-02870-x.(IF-2.477)

xiii. Verma M., Singh A., DwivediDH.,**Arora NK**. 2020. Zinc and phosphate solubilizing *Rhizobium radiobacter* (LB2) for enhancing quality and yield of loose leaf lettuce in saline soil. *Environmental Sustainability,* DOI: 10.1007/s42398-020-00110-4.

xiv. Thapa S., Mishra J., **Arora NK**., Mishra P., H. Li, Hair JO, Bhatti S., Zhou S. 2020. Microbial cellulolytic enzymes: diversity and biotechnology with reference to lignocellulosic biomass degradation. Reviews in Environmental Science and Bio/Technology, DOI: 10.1007/s11157-020-09536-y. (IF – 4.95)

xv. **Arora NK**., Mishra J. 2020. COVID 19 and importance of environmental sustainability. *Environmental Sustainability*, DOI: 10.1007/s42398-020-00107-z.

xvi. Mishra, J., Dutta, V., &**Arora NK**.2020. Biopesticides in India: technology and sustainability linkages. *3Biotech.* DOI: 10.1007/s13205-020-02192-7. (IF- 1.798)

Prof. Shikha

i. Shailja Singh, Shiv Shankar and Shikha (2021) LDPE Degradation under controlled composting, Nature Environment and Pollution Technology, 20 (3) 000-000. (e-ISSN: 2395-3454) In Press.

ii. Shailja Singh, Vishal Singh Chowdhary, DevendraPratap Singh, Shiv Shankar and Shikha (2021) Evaluation of Low Density Polyethylene Degradation by bacteria isolated from hydrocarbon contaminated site, , Indian Journal of Environmental Protection 41 (1) 3-10. (ISSN : 0253 – 7141) Scopus.

iii. Shailja Singh, Shiv Shankar and Shikha (2020) Effect of photooxidative degradation on low density polyethylene (LDPE). Asia Pacific Journal of Multidisciplinary research, 8 (1), 56-62. (P-ISSN 2350 7756; E-ISSN 2350 8442) Scopus.

Prof. Venkatesh Dutta

i. Dubey, D., Kumar, S., & Dutta, V. (2021) Impact of nutrient enrichment on habitat heterogeneity and species richness of aquatic macrophytes: evidence from freshwater tropical lakes of Central Ganga Plain, India, International Journal of Environmental Science and Technology. 1-17, https://doi.org/ 10.1007/s13762-021-03438-4 (IF: 2.86) ISSN: 1735-2630

ii. Sharma, U., Khan, A. & Dutta, V. (2021) Long-term sustainability of groundwater resources in the central Ganga Alluvial Plain, India: Study from Gomti River Basin. Environment, Development & Sustainability https://doi.org/10.1007/s10668-021-01325-z (IF: 2.95)

iii. Kumar, S., Pratap, B., Dubey, D. & Dutta, V. (2021) Interspecific competition and their impacts on the growth of macrophytes and pollutants removal within Constructed Wetland Microcosms treating Domestic wastewater, International Journal of Phytoremediation, DOI:

10.1080/15226514.2021.1926910 (IF: 3.212)

iv. Dutta, V., Kumar, S. & Dubey, D. (2021) Recent advances in satellite mapping of global air quality: evidences during COVID-19 pandemic. Environmental Sustainability https://doi.org/10.1007/s42398-021-00166-w

v. Kumar, S., Pratap, B., Dubey, D. & Dutta, V. (2020) Removal of nutrients from domestic wastewater using constructed wetlands: assessment of suitable environmental and operational conditions. Environmental Sustainability (2020). https://doi.org/10.1007/s42398-020-00124-y

vi. Dutta, V., Dubey, D., & Kumar, S. (2020) Cleaning the River Ganga: Impact of lockdown on water quality and future implications on river rejuvenation strategies. Science of The Total Environment, 743: 140756. (IF: 7.963)

vii. Sharma, U., Adeeba& Dutta, V. (2020) Impact of Declining Groundwater Levels on River Flows in the Ganga Alluvial Plain-A Case Study of Gomti River, India, Indian Journal of Ecology 47(1): 40-48

viii. Mishra, J., Dutta, V. & Arora, N.K. (2020) Biopesticides in India: technology and sustainability linkages. 3 Biotech 10, 210 (2020). https://doi.org/10.1007/s13205-020-02192-7 (IF: 1.798) ISSN: 2190-5738

ix. Sharma, U., & Dutta, V. (2020) Establishing environmental flows for intermittent tropical rivers: Why hydrological methods are not adequate? International Journal of Environmental Science and Technology. 17, 2949–2966. https://doi.org/10.1007/s13762-020-02680-6 (IF: 2.86) ISSN: 1735-2630

x. Kumar, Saroj, SampurnaNand, Divya Dubey, BhanuPratap, and Venkatesh Dutta (2020) Variation in extracellular enzyme activities and their influence on the performance of surface-flow constructed wetland microcosms (CWMs). Chemosphere (2020): 126377. (IF: 7.086) ISSN: 0045-6535

xi. Aggarwal, D., Kumar, N. & Dutta, V. (2020) Impact on endangered Gangetic dolphins due to construction of waterways on the river Ganga, India: an overview. Environmental Sustainability (2020). https://doi.org/10.1007/s42398-020-00104-2

Mr. N.K.S. More

Islamuddin ,Monowar Alam Khalid, Syed Aqeel Ahmad and Nandkishor More(2020) Physico-Chemical Analysis of Automobile Service Station Waste Water Effluent of Lucknow City"Volume:9, Issue:8(8), August:2020 International journal Of Multidisciplinary educational research ISSN:2277-7881.

Dr. Narendra Kumar

i. Dhananjay Kumar, Raj Kamal Kishor, UrvashiSharm, Sunita Mishra, Aneet Kumar Yadav, Narendra Kumar (2021) Geo-classification of Fluoride affected areas of Lucknow, Uttar Pradesh, India. Environmental Quality Management. DOI: 10.1002/tqem.21779.

ii. Priyanka Singh, Jitendra Kumar Yadav, Dharmendra Kumar Jigyasu, Sandeep Singh, Narendra Kumar,IndraBir Singh, Munendra Singh (2021) Biotite as a geoindicator of rare earth element contamination in Gomati River Basin, Ganga Alluvial Plain, northern India. Environ Monit Assess. 193:361. https://doi.org/10.1007/s10661-021-09105-y

iii. Sanjeev Kumar, Ritu Singh, NishaKumari, SusmitaKarmakar, MonalishaBehera, Arif Jamal Siddiqui,Vishnu D. Rajput, Tatiana Minkina, KuldeepBauddh&Narendra Kumar (2021) Current understanding of the influence of environmental factorson SARS-CoV-2 transmission, persistence, and infectivity. Env. Sc. Poll. Res. https://doi.org/10.1007/s11356-020-12165-1

iv. Anis, Abdullah Khan,Narendra Kumar, MujeebulHasan (2020), Diagenesis and Porosity

Evolution of Pachmarhi Sandstones (Early Triassic),SatpuraGondwana Basin, Central India. Journal Indian Association of Sedimentologists. 37 (2), 37-48

v. K. Zaidi, S. Rai, A Khan, Narendra Kumar and N Singh (2020) Geochemicasudy of Chirimiri Sandstone of Talchir Formation, Son-Mahanadi Gondwana Basin, Chhattisgarh, India. Journal of Geosciences Research. 5(2): 97-102

Dr. Jiwan Singh

i. Rawat, S., Samreen, K., Nayak, A.K., **Singh, J.,**Koduru, J. R., 2021. Fabrication of iron nanoparticles using Parthenium: A combinatorial eco-innovative approach to eradicate crystal violet dye and phosphate from the aqueous environment. ***Environmental Nanotechnology, Monitoring & Management*** 15***, 100426*** (Elsevier) (Scopus Indexed)

ii. Bhan, C., Singh, J., Sharma, Y.C. 2021. Development of adsorbent from Mentha plant Ash and its application in fluoride adsorption from aqueous solution: A mechanism, isotherm, thermodynamic and kinetics studies. ***International Journal of Phytoremediation***https://doi.org/10.1080/15226514.2021.1880365 IF= 3.212 (Taylor and Francis).

iii. Sahu, N., Bhan, C., **Singh, J.,** 2020.Removal of fluoride from an aqueous solution by batch and column process using activated carbon derived from iron infused Pisumsativum peel: characterization, Isotherm, kinetics study. ***Environmental Engineering Research*** 26(4): 200241 **(IF=2.507)**

iv. Bhan, C., **Singh, J.,** 2020, Role of microbial lipases in transesterification process for biodiesel production. ***Environmental Sustainability*****3**, 257–266. Springer

v. Chowdhary, P., Sammi, S.R., Pandey, R., Kaithwas, G., Raj, A., **Singh, J.,**Bharagava, R.N. 2020. Bacterial degradation of distillery wastewater pollutants and their metabolites characterization and its toxicity evaluation by using Caenorhabditis elegans as terrestrial test models. ***Chemosphere*** 261, 127689. **(IF=7.086)** ***Elsevier (SCI)***

10. Attended/participatedin Conferences/seminar/workshop inside Country

Prof. Rana Pratap Singh

i. Facebook Live ,BBA University, Lucknow, 15 May,2020,1 PM, Carbon Credit :A future global trade

ii. Facebook Live, Hindi Deptt. BBAU, हिंदी मे विज्ञानए 22 May,2020 1,PM

iii. Zoom based Seminar in Noida International University, Noida, on Nature's turn to reclaim Mother Earth,Lead Speaker,23rd May,2020.3-5 PM.

iv. Zoom meeting:4th June,2020,11 AM-1 PM, Mainstreaming Biodiversity for Sustainable Food and Environment, Presidential Address, Department of Botany, AyyaNadar Janaki Ammal College, Sivkasi, Tamilanadu& SSCE ,New Delhi

v. Zoom Meeting: 5th June, 11 AM-1 PM, World Environment Day special lecture, Doon University, Dehradun & SSCE, New Delhi, Presidential address by Governor Uttarakhand, Hon'ble Smt Baby Rani Mauryaji.

vi. Zoom Meeting :5th June 2020, 2-3.30 PM, World Environment Day, Environment , Biodiversity, Deptt of Zoology and Environmental Science,DDU Gorakhpur University, Gorakhpur,Chief Guest and Key note speaker

vii. Zoom meeting : 5th June ,2020, 4-6 PM, National Seminar on Role of Biodiversity in Global Prosperity, Chief Guest and key note speaker, Department of Botany ,Sacred Heart Degree College, Sitapur, UP

viii. Google Meet : 6th June ,2020, AKS University, Satna, (MP), 3 day International Seminar on Covid -19 , Challenges and opportunities for Sustainable development,11 AM- 2 PM , Technical Session,1st Eminent Speaker-Thinking on Earth's Environment in post lockdown period,11.15-11.40 AM.

ix. Google Meet :6th June,2020, Kurukshetra University, Kurukshetra, UIET, Chief Guest and Speaker,4-6 PM , Sustainable Food Production and Environmental Protection during Covid -19 .

x. Organizer: National Institute of Disaster Management, NIDM, Ministry of Home Affairs,Govt. ofIndia,New Delhi, Google Meet: Topic:Covid-19 :A Pandemic of Mistreated Nature, Luminary Speaker,15th June,2020,11 AM to 12.30 PM.

xi. Organizer-Chemistry Department, Bareilly College, Bareilly, UP, Topic-Covid-19: Global Lockdown vs Global Environment, Eminent Speaker, Zoom Meeting,14th June,2020,11 AM-2 PM.

Prof. S.K. Dwivedi

i. Chairperson: Training Workshop cum Faculty Development Program on "Environment, Biodiversity and Disease Risk Management jointly organized by Department of Energy and Environment, Babasaheb Bhimrao Ambedkar University and National Institute of Disaster management (NIDM), New Delhiduring 2nd to 6th March 2020.

ii. Chairperson: IWCES Department of Energy and Environment, BabasahebBhimrao Ambedkar University held on 10th to 12th February 2020.

Prof. Naveen Kumar Arora

i. Invited talk at CSJM University, Kanpur. May 16, 2020

ii. Invited Talk on "COVID 19 and its Environmental Linkages" organized by, SHoDH, AwadhPrant.

iii. Invited Talk on "Environmental connections of Covid-19 pandemic" organized by BBAU Social Media, BBA University, Lucknow. May 26, 2020

iv. Invited Talk on "Plant Growth Promoting Rhizobacteria and Agricultural Sustainability" organized by School of Agriculture, Sage University, Bhopal in National Sage Summer School May 29, 2020

v. Invited talk on the occasion of World Environment Day on theme Time for Nature organized by Springer Nature June 5, 2020

vi. Invited talk in Webinar on"COVID19 and Changing Environment" Jointly organized by National Institute of Disaster Management & Department of Zoology, Bareilly College, Bareilly June 9, 2020

vii. Invited talk in One day International Webinar on "Environment – in the scenario of COVID 19 and Nanoparticles organized by Chandra Bhanu Gupta Agriculture P.G. College, Lucknow. June 16, 2020

viii. Invited talk in International Webinar on "Trends in Sustainability: Regenerative Agriculture" organized by Department of Botany, MaharanaPratap PG College, Gorakhpur, UP in collaboration with Department of Botany, Prabhat Kumar College, West Bengal. June 26 – 27, 2020

ix. Invited talk in Webinar on theme "Biological Sciences" organized by Department of Biotechnology, Ashok Singhal Institute of Traditional Science & Technology, VBSP University, Jaunpur, UP. June 15 – 30, 2020

x. Invited Speaker in One day National Webinar on "Human and Nature – Present Challenges" organized by IGNOU and National P.G. College, Lucknow. July 14, 2020

xi. Invited Speaker in Webinar series on "COVID- 19 and Environmental Sustainability" organized by Amity Food and Agriculture Foundation, Noida July 23, 2020

xii. Invited Speaker in Webinar on "Environment, Climate Change and DDR" organized by NIDM, New Delhi Nov. 27, 2020

xiii. Invited Speaker in Webinar on "Biodiversity Conservation – Issues and Challenges" organized by National Institute of Disaster Management (NIDM), New Delhi. Dec 3, 2020

xiv. Invited Speaker in Webinar on "COVID and Environment" organized by University of Jammu, Jammu, J&K. Dec. 21, 2020

xv. Invited Speaker in 3 days Online Training Programme on "Basics of Disaster Management" jointly organized by NIDM, New Delhi and University of Petroleum and Energy Studies, Dehradun. January 04-06, 2021

xvi. Keynote Speaker in Webinar on "Environment & Disaster Risk Reduction" organized by NIDM, New Delhi and Shri Ramswaroop Memorial University (SRMU), Lucknow January 21, 2021

Prof. Venkatesh Dutta

i. Afforestation in NamamiGange – Project across Gomti River in Lucknow with Participation of Farmers", Key-note Speaker, One day Workshop on Afforestation in Our Hand, Organised by Awadh Forest Division, Lucknow &NamamiGange, March 6, 2021

ii. Co-Chair and Panelist, "Disruptive Technologies and Sustainable Environment", October 29, 2020, "Role of Technological Disruptions in Management, Science and Humanities in Emerging World Order"Organized by Amity Business School, Lucknow

iii. Innovative Products, Services & Best Practices in Water & Wastewater Management, Invited Panelist and Speaker, "Economic Growth and Human Development in the Context of Water Security", September 4, 2020, CII UP Water Summit 2020, Confederation of Indian Industries, UP Chapter

iv. "Blue and Green in Urban Planning - Environmental Perspectives", Faculty Development Program on "Emerging Trends in Architecture", 26th June 2020, Faculty of Architecture and Planning, AKTU, Lucknow

Mr. N. K. S. More

i. Webinar on Envisioning Indian Higher Education-United Nations Sustainable Development Goal 4 on 7th March 2021 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

ii. Webinar on The Art and Science of Negotiations on 31st January 2021 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

iii. Webinar on Right to information-United Nations Sustainable Development Goal 16 on 10th January 2021 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

iv. Webinar on Safe School Operation on 8th January 2021 organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, New Delhi, Ministry of Home Affairs, Govt. of India.

v. Webinar on Good Health and well Being -United Nations Sustainable Development Goal 3 on 27th December 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

vi. Webinar on Gender Equality-United Nations Sustainable Development Goal 5 on 29thNovember 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

vii. Webinar on Early Warning and Communication on 17thNovember 2020 organized by National Institute of Disaster Management, New Delhi, Ministry of Home Affairs, Govt of India in collaboration with Manipur State Disaster Management Authority, Govt of Manipur.

viii. Webinar on Climate Action-United Nations Sustainable Development Goal 13 on 8th November 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

ix. Webinar on Behavioral Changes After Reopening of Education Institution on 26thOctober 2020 organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, New Delhi, Ministry of Home Affairs, Govt. of India.

x. Webinar on Housing for All-Issues and Challenges on 18th October 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

xi. Webinar on Public Private Partnership-Issues, Challenges and Way Forward for on 11th October 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, PunjabChandigarh, Punjab.

xii. Webinar on Sustainable Cities on 20th September 2020 organized by Inclusive Human Resource Development Initiative, MDC, MGSIPA, Chandigarh, Punjab.

xiii. Participated in 3 days Training Program on Climate Change, Landslides and Safe Hill Area Development from 5th to 7th August 2020organized by National Institute of Disaster Management, New Delhi, Ministry of Home Affairs, Govt. of India in collaboration with R S T Uttarakhand Academy of Administration, Nainital, Uttarakhand.

Dr. Jiwan Singh

i. Delivered Lecture on "Electronic waste management in India" in the online workshop at NIT Meghalaya from 12-16 March, 2021.

ii. Delivered Lecture on "Water management" in the webinar on "Water Resource Management" held at Government PG, College, Chhinbada College from 28-01-2021 to 30-01-2021.

iii. Delivered Lecture on Biological diversity in the webinar on "**IMPACT OF LOCKDOWN ON BIOLOGICAL DIVERSITY"** conducted by **ENVIRONMENT, AGRICULTURE AND EDUCATION SOCIETY (EAES) BAREILLY, UTTAR PRADESH, INDIA** on 22nd May, 2020.

11. Consultancy works:

Prof. Venkatesh Dutta

i. Water Policy of Uttar Pradesh 2020, UP Water Management Regulatory Commission, Govt. of Uttar Pradesh (State Govt.)

ii. District Environment Plan of Lucknow, 2020 Submitted to Govt. of Uttar Pradesh (State Govt.)

12. Details of invited lectures inside country:

Mr. N.K.S. More

Delivered invited talk on "Pedagogical Skills" in the Teachers in Service Training Program 20.07.2020 to 31.07.2020 of under KendriyaVidyalaya Organization at KendriyaVidyalaya, Aliganj, Lucknow on 30.07.2020.

13. DetailsofNationalAwards/fellowship

Prof. Naveen Kumar Arora

Research and Academic Excellence Award – 2021in the discipline of Life Sciences by

BabasahebBhimraoAmbedkar University, Lucknow.

14. Details ofResearch Projects(major andMinor)

Prof. Naveen Kumar Arora

Name of Title	PI	PI Funding Agency	Duration	Amount (Rs.)	Status
Science Technology and Innovation Hub in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh)	Prof. Naveen Kumar Arora	DST,New Delhi	2020-2023	4.088 crores	Ongoing
Novel biochar and rhizobacteria based bioinoculant for sustainable production of healthy food from stressed agro-ecosystems	Prof. Naveen Kumar Arora	DST,New Delhi	2021-2024	13.48 lakhs	Ongoing

Prof. Venkatesh Dutta

Name of Title	PI/CO PI	Funding Agency	Amount (Rs.)	Duration	Status
Science, technology and innovation hub in in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh), Department of Science & Technology (DST), Govt. of India	Prof. Venkatesh Dutta	Department of Science & Technology (DST), Govt. of India	2.5 Crore	March 2020 to March 2023 (Co-PI)	

Dr. Narendra Kumar

Name of Title	PI	Funding Agency	Amount (Rs.)	Duration	Status
Development of 3-E defluoridation assembly for sustainable removal of fluoride from drinking water	Dr. Narendra Kumar	SERB, DST, New Delhi	Rs. 36 Lakhs	2020-23	Ongoing

Dr. Jiwan Singh

Name of Title	PI	Funding Agency	Amount (Rs.)	Duration	Status
Development of novel nano materials from waste materials and their applications for removal of inorganic and organic pollutants from the water and wastewater	Dr. Jiwan Singh	UGC New Delhi	9,31,668/-	2017-2020	Completed
Synthesis of low cost materials for the removal of arsenic and fluoride from the ground water and wastewater	Dr. Jiwan Singh	SERB-DST New Delhi	11,87, 230/	2017-2020	Completed

15. Details of Patents Filled/ Awarded

Prof. Naveen Kumar Arora

Published	Title	Inventors	Application no.
Published	A process for preparing a vegan media for cultivation of bacteria, Fungi and plant seedling and composition thereof	Arora NK, Mishra P, Mishra J	REF. NO. E-12/604/2019/DEL; APP. NO. 201911035336 A

Dr. Jiwan Singh

Published	Title	Inventors	Application no.
Published	Rapid Aerobic Composter With Customizable Capacity	Swarnkar S. K., Singh, J., Bajpai, P.	Indian patent Application No.202111000126 A, Publication Date : 26/02/2021

16. Students achievements:

i. Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and the sissubmission/ degree awarded

Sr. no.	Name of Supervisors	Currently Enrolled	Submitted	Awarded
1.	Prof. D.P. Singh	-	-	02
2.	Prof. Rana Pratap Singh	10	-	-
3.	Prof.S.K.Dwivedi	06	-	01
4.	Prof. Naveen Kumar Arora	05	-	-
5.	Prof. Shikha	02	01	01
6.	Prof. Venkatesh Dutta	04	-	01
7.	Dr. Narendra Kumar	03	-	01
8.	Dr. Jiwan Singh	04	-	-

ii. Number ofstudent completed their Masters/Graduation/Diploma

Sr.no.	Name of Supervisor (s)	Completed PG (M.Sc. Environmental Science)
1	Prof. Rana Pratap Singh	01
2	Prof.S.K.Dwivedi	03
3	Prof. Naveen Kumar Arora	01
4	Prof. Shikha	01
5	Prof. Venkatesh Dutta	01
6	Mr. N.K.S. More	04
7	Dr. Narendra Kumar	01

8.	Dr. Jiwan Singh	03

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

Ms. Shalu Rawat & Chandra Bhan

i. Rawat, S., Samreen, K., Nayak, A.K., **Singh, J.,**Koduru, J. R., 2021. Fabrication of iron nanoparticles using Parthenium: A combinatorial eco-innovative approach to eradicate crystal violet dye and phosphate from the aqueous environment. ***Environmental Nanotechnology, Monitoring & Management*** 15***, 100426*** (Elsevier) (Scopus Indexed)

ii. Bhan, C., Singh, J., Sharma, Y.C. 2021. Development of adsorbent from Mentha plant Ash and its application in fluoride adsorption from aqueous solution: A mechanism, isotherm, thermodynamic and kinetics studies. ***International Journal of Phytoremediation***https://doi.org/10.1080/15226514.2021.1880365 IF= 3.212 (Taylor and Francis).

iii. Sahu, N., Bhan, C., **Singh, J.,** 2020.Removal of fluoride from an aqueous solution by batch and column process using activated carbon derived from iron infused Pisumsativum peel: characterization, Isotherm, kinetics study. ***Environmental Engineering Research*** 26(4): 200241 **(IF=2.507)**

iv. Bhan, C., **Singh, J.,** 2020, Role of microbial lipases in transesterification process for biodiesel production. ***Environmental Sustainability*****3**, 257–266. Springer

18. Google profile of the faculty members:

i. **Prof. Rana Pratap Singh**

Citations	5403	2912
h-index	41	29
i10-index	91	57

ii. **Prof. S.K. Dwivedi**

Citations	800	454
h-index	15	12
i10-index	32	18

iv. **Prof. Naveen Kumar Arora**

Citations	3645	3105
h-index	32	30
i10-index	74	67

vi. **Prof. Shikha**

Citations	823	636
h-index	14	13

i10-index	15	14

viii. **Prof. Venkatesh Dutta**

Citations	532	443
h-index	11	11
i10-index	16	13

x. **Dr. Narendra Kumar**

Citations	820	12
h-index	14	12
i10-index	16	13

xii. **Dr. Jiwan Singh**

Citations	2142	1869
h-index	25	24
i10-index	45	44

School of Education

The School of Education has established to address the felt need of the country in the 21st Century in relation to empowerment of teachers in the context of current trend of skills shortage and unemployment. While efforts are under the way to implement programmes ranging from Certificate to Diploma and P.G. Diploma, Bachelor, Master and Ph.D. in the discipline of education from all stages (nursery, elementary, secondary, senior secondary, college and university including technical and vocational). As per the guidelines of the University Grants Commission, six centres are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of

Education. Again the primary reference point for designing and delivering the programmes are at par with the needs and demands of the Industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula (CPDTETEC) has already started M.A Education Programme under Innovative Course.

i. Number of Departments: **01**
ii. Number of faculty in each Department: **11**

Department of Education

Department of Education has the objective of training teachers for secondary schools as well as academicians committed to the cause of education in its various forms. Department of Education has adopted Ambedkar's integrated system of education through which education, cultural sensitivity and service can be provided to motley of communities that vary from one another. If education is the vehicle of change, then the need for having adequately trained personnel becomes urgent. Department of Education offers B. Ed., M. A. in Education and research programme leading to Ph.D. It has an active research cell. The institute has been a committed participant in the ongoing debate on New Education Policy. Through its Extension Services Wing, it also realizes the value of follow-up programmes for providing opportunities for in-service training in the recognition of school courses, improvement of school programmes, new methods and techniques, etc. for the teachers of secondary schools in various districts of Utter Pradesh. The students of this institute are provided with a very serious, adequate, guided and supervised field practice teaching in the schools of Lucknow district. The Department has a well-equipped Audio-Visual Unit to facilitate quality improvement and mobilization in the teaching-learning process.

1. Courses offered:

- B.Ed.
- M.A. (Education)
- M.Phil. (Education)
- Ph.D. (Education)

2. Facilities available in the Department:

- Departmental Library
- Computer Lab
- Smart Class Room

3. Details of faculty:

i. Prof. Arbind Kumar Jha

- Professor, Head
- Education

ii. Prof. Harishankar Singh

- Professor, Dean
- Education

iii. Dr. Raj Saran Shahi

- Associate Professor
- Education

iv. Dr. Buddhi Sagar Gupta

- Associate Professor
- Education

v. Dr. Victoria Susan Ijjina

- Assistant Professor
- Education

vi. Dr. Sangeeta Chauhan

- Assistant Professor
- Education

vii. Dr. Rajesh Ekka

- Assistant Professor
- Education

viii. Dr. Lalima

- Assistant Professor
- Education

ix. Dr. Subhash Misra

- Assistant Professor
- Education

x. Dr. Vivek Nath Tripathi

- Assistant Professor
- Education

xi. Dr. Shikha Tiwari

- Assistant Professor
- Education

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

S.N	Name of Seminar	Date(s) of webinars and events conducted	Total Number of participants in these Webinars/ events	Remarks, if any
1	NEP-2020: A Step Towards Revamping Indian Education	16 August 2020	100 (Approx)	Presided by – Prof. Sanjay Singh, Vice-Chancellor, BBAU, Lucknow Chief Guest -Prof. H. C. S. Rathore, Vice-Chancellor, Central University of South Bihar, Patna Invited Speakers/ Guests Prof. Kumar Suresh-NIEPA, New Delhi Mr. Satya Saurabh- UAE Prof. O.S. K.S. Shatsri – Central University of Himachal Pradesh, Shimla Prof. Asheesh Srivastava- MGCU, Bihar Dr. Arti Srivastava – NIEPA, New Delhi Issues Discussed: School Education Higher Education Teacher Education Technical & Vocational Education Overall analysis of Policy & Roadmap for Implementation of NEP-2020
2	My Learnings from Korian Compnies: Relevant for Tomorrow	28 August	70	Partnered By BBAU

5. Co-curricular/Extra-curricular/sports Activities:

Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drives.

6. Visitors of Department from inside the country:

i. **Prof. Swain Singh**, Professor, Department of Education, Banaras Hindu University
ii. **Prof. Vijaya Rani Dhoundiyal**, SSJ, Kumaun University Campus, Almora
iii. **Prof. Navin Chandra Dhoundiyal**, SSJ, Kumaun University Campus, Almora
iv. **Prof. Prem Shankar Ram**, Faculty of Education, Banaras Hindu University
v. **Prof. Kesang Degi**, Department of Education, Rajiv Gandhi University, Doimukh, Itanagar
vi. **Prof. Munish Kumar**, Head, Department of Education, Kanpur University

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

- Member- Editorial/ Review Board, Education India Journal: A Quarterly Refereed Journal of Dialogues on Education, ISSN 2278- 2435, (UGC-CARE listed Journal)

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

i. Book titled " Pedagogy of Social Science Teaching: A Complete book on the Teaching of Social Science for B.Ed. & D.El.Ed. students of Indian Universities" Written by Dr. Rajesh Ekka, Published by LAP, Germany, ISBN: 978-620-2-92154-
ii. Ekka, R (2020). Information Communication Technology and Education. JETIR May 2020, Volume 7, Issue 5. ISSN-2349-5162.

9. Details of Book Chapter in edited volume:

i. Misra, Subhash (2021). "Ekkisvi Shatabdi Men Mulya Shiksha Ke Vividh Aayam: Ek Vimarsh" , in the edited book entitled" Naitik Shiksha Ke Vividh Aayam, Dr Subhda Pandey (Ed.) , Amar Publications.
ii. Khanal ,Y Kishore, Bhutia, Yodida & Misra, Subhash(2021) Is There A Gender Gap In Equity In Access At Senior Secondary Education In Sikkim?, Education India Journal: A Quarterly Refereed Journal of Dialogues on Education, ISSN 2278- 2435, Vol. 10, Issue-1, February-2021(UGC-CARE listed Journal)
iii. Higher Education in NEP 2020. National Education Policy 2020: A Paradigm
iv. shift in Indian Education. 2020. ISBN-978-93-87697-43-0
v. M-Learning Attitude in Teacher Trainees. Teaching, Learning and Evaluation: As per new NAAC Guidelines. 2020. ISBN-978-93-84068-94-3
vi. Gupta, B. S. (2020). Personality Development and Yoga, Bhopal: Nitya Publication.

10. Paper Published during the year by the faculty members:

i. Lalima, RawatAnkita . A Study of the Attitude of B.Ed. Pupil Teacher Towards Using Cyber Resources. Studies iN Indian Place Names (UGC Care Journal). Vol 40, Issue-71, March 2020. PP 233-243.
ii. Students Follow Incomplete Perspective of Constructivism During Self Study International Education and Research Journal, March, 2021 2454-9916, Vol-7, Issue-3, Pp. 30-32
iii. Rajni Singh1 & Dr. VivekNathTripathi (2021) Teaching Effectiveness of elementary teacher Educators in relation to their job Satisfaction and Teaching ExperienceJijnasa ISSN : 0337-743X Volume : 38, No. 3, 2021 Page | 87 Volume : 38, No. 3, 2021
iv. Forced Homeschooling during Covid-19 Pandemic. Research Review International Journal of Multidisciplinary 2021. ISSN 2455 3085 (Online)
v. Corona Virus and the Environment. International journal Of Research in Humanities and Social Sciences. July 2020. ISSN 2320771X (Online)
vi. Gupta, B. S. &Sinha, N. (2020), उच्च शिक्षा स्तर पर अध्ययनरत् विद्यार्थियों की ग्रेडिंग प्रणाली के प्रति अभिवृत्ति का अध्ययनए Anveeksha.

11. Attended/participated in Conferences/seminar/workshop inside Country:

Dr. Buddhi Sagar Gupta

i. Participated in One day workshop for Enhancing Research Communication Skill through Science Direct and Mendeley organized by Faculty of Education, DEI, Agra, UP dated on May 3rd 2020.
ii. Successfully completed the Refresher Course on Research Methodology for Faculty of Social Sciencesorganized by Human Resource Development Centre, University of Hyderabad during21th July 2020 to 3rd August 2020.

iii. Participted in one week faculty development programme on"Management of online Teaching and Learning system with MOOCS" held during 17th to 21st August 2020 by Teaching Learning Centre, Indian Institute of Technology, BHU, Varanasi, UP.

iv. Participated in Two Days Online Workshopon"Literature Review"held during 27 January to 28 January, 2021organizesby School of Education(PMMMNMTT) GURU NANAK DEV UNIVERSITY AMRITSAR

Dr. Sangeeta Chauhan:

i. Participated in National webinar on Constructivist Approach in Teaching and Learning organized by Department of Education, University of Allahabad 27.06.2020

ii. Participated in National webinar on Sustainable Development Goals: Challenges for India organized by Department of Teacher Education, Mahatama Gandhi Kashi Vidyapeeth, Varanasi 29.06.2020

iii. Participated in International Webinar on The Basic Concepts of Dharma and Religion in Relation to Eastern and Western Philosophy organized by Department of Sanskrit, Barabazar Bikram Tudu Memorial College, West Bangal 04.07.2020

iv. Details of Orientation and Refresher/Research Methodology Course attended:

Name of the Course	Title of the course	Durationand Date	Sponsoring Agency
FDP	ICT Enhanced Teaching Learning and Creating MOOCs	18.08,2020-25.08.2020	TLC, Ramanujan College, University of Delhi under PMMMNMTT, MHRD
FDP	"ICT - based Learning and Developing MOOCs for Teaching Process in Higher Education"	29.12.2020-04.01.2021	TLC, Ramanujan College, University of Delhi under PMMMNMTT, MHRD
STC	MOOCs, E-Content development and Open Educational Resources	23.07.2020-29.07.2020	UGC, MHRD, University of Allahabad

Dr. Victoria Susan Ijjina

i. Participated in National Webinar on **Teaching of Science and Mathematics for Pre-Service Teachers, In-Service Teachers and Teacher Educators** organized by Centre for Professional Development of Teacher Educators, North Eastern Hill University, Shillong and NIT, Silchar (under PMMMNMTT) on 18th November 2020.

ii. Participated and presented a paper titled "Challenges of Technology and Tribal Students: A Study" in International E Conference on "Challenges of Virtual Teaching for students from Tribal Areas" jointly organized by Central Tribal University of Andhra Pradesh, Vizianagaram & University College of Education, Adikavi Nannaya University, Rajamahendravaram on 16th to 18th December 2020.

iii. Participated in International Webinar on "Sustainable Chemistry", IWSC-2021, organized by Association of Chemistry Teachers(ACT), C/o Homi Baba Centre for Science Education (TIFR) on 18th March 2021

iv. Participated and presented a paper titled " A Study of Challenges of Teacher Trainees in Digital Transformation" ICSSR sponsored two days national level online seminar on " Digital Transformation in Education during Covid 19: Prospects and Challenges" organized by Department of Education, Mizoram University (A Central University), Aizawl

v. Participated and presented a paper titled "Education and Entrepreneurship: A Review of Empirical Literature" in two day National Seminar on "Role of Entrepreneurship in Augmenting Indian Economy" during 29-30 march 2021.

vi. Participated and presented a paper titled " A study on Challenges of Teaching in Covid 19" in the National Webinar on " Impact of Covid 19 on Indian Economy" held on 31st March and 1st April.

Dr. Subhash Misra

One-Day Online Workshop on Teaching-Learning through Moodle held on 23rd May 2020»

at BBAU

Dr. Shikha Tiwari

i. National Conference: NEP 2020: Challenges and Opportunities. Vardhaman College, Bijnor.

ii. National Webinar: Online Teaching and Use of Technology in Higher Education. School of Education, UOU Haldwani.

iii. International Online Seminar: "Mental Health and Well-Being in the Present Scenario". Dept. of B.Ed.. Shri Jai Narain Misra PG College, Lucknow.

iv. National Webinar: NEP2020- Strategic Roadmap for North East India. Nagaland University.

12. Details of invited lectures inside country:

Dr. Buddhi Sagar Gupta

i. Delivered Lecture as resource person on "Importance of Yogic Activities" on 21 June 2020organised by KNPG College, Gyanpur, Sant Ravidas Nagar, UP.

ii. Delivered Lecture as resource person on "SPSS in Statistics" from 06 Aprilto 09 April, 2021organised by CMP College, University of Allahabad, UP.

Dr. Shikha Tiwari

Delivered lecture on the topic "Objective Type Test Through Google Classroom" in a Five Day FDP on Effective Teaching-Learning with Digital Initiatives at Secondary Level. 17 to 21 August 2020. Vasanta College for Women, Varanasi.

13. Students achievements:

i. Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/degree awarde

S. No.	Student Name	Supervisor Name	Course	Award	Topic
1	Shraddha Dwivedi	Prof. Arbind Kumar Jha	M.Phil.	2020	Study of Epistemic Beliefs of Pre Service Teacher

ii. Number of student completed their Masters/Graduation/Diploma

S. No.	Course Name	No. of Students	Year
1	B.Ed.	80	2020
2	M.A. (Education)	08	2020

iii. Number of student pursuing higher studies

S. No.	Name of Students	Course	Higher Education
1	Prabhakar	B.Ed.	M.Sc. Mathematics in IIT
2	Akshay Singh Rathore	B.Ed.	M.Sc. Zoology, BBAU
3	Neha Singh	B.Ed.	M.Sc. Zoology, BBAU
4	Areeba Fatima	B.Ed.	M.A. (English), English and Foreign Languages University, Lucknow Regional Campus
5	Amradeep Kumar Badal	B.Ed.	M.A. (Ancient History), BBAU
6	Apurva Pal	B.Ed.	M.Sc. Biotechnology, BBAU
7	Rakesh Kumar	B.Ed.	M.A. (Ancient History), BBAU
8	Anurag Bharti	B.Ed.	M.Sc. Mathematics, BBAU
9	Sudhanshu	B.Ed.	M.A. (Economics), BBAu
10	Seema	M.A. (Education)	Ph.D. (Education), Paundicherry University
11	Neha Raj	M.A. (Education)	Ph.D. (Education), Indirra Gandhi National Tribal University, Amarkantak, M.P
12	Digvijay Singh	M.Phill. (Education)	Ph.D. (Education, Lucknow University

iv. Number of student selected on Other government jobs/banking/school teaching etc.

S. No.	Name of Students	Course	Teaching
1	Ayushi Sharma	B.Ed.	Avadh Public School, Lucknow
2	Annie Tirkey	B.Ed.	Strela Merry School, Lucknow
3	Aakash	B.Ed.	SarvodayaVidyalay, Delhi
4	Sarita Devi	M.A. (Education)	Government Teacher in U.P.
5	Shraddha Dwivedi	M.Phil. (Education)	Government Teacher in U.P.
6	Gopal Singh	Ph.D. (Education)	Assistant Professor, Chhatrapati Sahu Ji Maharaj University, Kanpur

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 center 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 important centre of learning and disseminating knowledge in varied domains, preparing the students to take up professions such as researchers, counselors, nutritionists, interior designers, fashion designers, social workers, administrators, CAD professionals, teachers, extension personnel etc.

i. Number of Departments: -
   - Department of Human Development and Family Studies
   - Departments of Food & Nutrition

ii. Number of faculty in Department – 06

iii. Citation Index of the school: 2554

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 Professor and two Assistant Professor from diverse fields of specialization, who are instrumental in imparting high standard of education to the students.

The Department organises 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 the field of Home Science. 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 archiving overall health status and development of the community, also 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 for develop baked products to the community 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 innovations tools and techniques used in nutritional sciences like High Pressure, Sterilization, Eradication, Ultra sonification, 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.

1. Courses offered:

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

2. 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

3. Details of the Faculty:

i. Prof. Sunita Mishra

- Dean & Head, School of Home Science
- Specialization: Foods & Nutrition
- Qualification: M.Sc., Ph.D., D.Litt. Diploma in French

ii. Prof. U.V. Kiran

- Professor HDFS
- Specialization: Resource Management & Consumer Sciences
- Qualification: M.Sc., Ph.D.

iii. Dr. Neetu Singh

- Associate Professor
- Specialization: Foods & Nutrition
- Qualification: M.Sc., Ph.D.

iv. Dr. Shalini Agarwal

- Associate Professor
- Specialization: Family Resource Management
- Qualification: M.Sc., Ph.D.

v. Dr. Khwairakpam Sharmila

- Assistant Professor
- Specialization: HD&FS
- Qualification: M.Sc., Ph.D.

vi. Dr. Priyanka Shankar

- Assistant Professor
- Specialization: Food & Nutrition
- Qualification: M.Sc., Ph.D.

4. Other Departmental level Academic Activities:

i. Departmental faculty Visited Community Health Centre and Kangaroo Mother Care Unit, Shivgarh, Rae Bareli, Uttar Pradesh on 27th February2020, to sensitize women on Anaemia
ii. Faculty visited Rajanikhand slum community to create awareness on different aspects of health and hygiene on the occasion of celebrating commemoration of national girl child day, January 24, 2020.

iii. Neetu Singh-

- International faculty development programme (online) Let's relearn: new tools for higher education teachers, jointly organized by government post graduate college, panchkula- haryana(GAP) in association with global academic assessment consortium(GAAC),8-14 June 2020.
- One week workshop on research dynamics in social science organized by department of ancient history, sant tulsi das P.G. College, kadipur, June 20-26, 2020

iv. Dr. K. Sharmila-

- Completed Two weeks online Refresher course in Social Sciences organized by the UGC HRDC, University of Hyderabad from 5th to 17th October, 2020.
- Attended One Week Short Term Program on Disaster Management organized by the UGC HRDC, University of Hyderabad from 7th to 12thSeptember, 2020
- Attended Two Weeks Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCS 3.0"from July 25 – August 10, 2020 at Teaching learning Centre, Ramanujan College, University of Delhi.
- Attended One Week Online Faculty Development Program on "Let's Relearn: New Tools for Higher Teachers" from 08-14 June, 2020 Jointly organized by Government

Post Graduate College, Sector-1, Panchkula-Haryana, Grand Academic Portal (GAP), in association with Global Academic Assessment Consortium (GAAC).

- Attended One Week STTP on "Statistical Analysis in SPSS Software (online mode) from 01 June – 06 June, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India

5. Co-curricular/Extra-curricular/Sports Activities by the Department:

Department organized Poster and Rangoli competition to mark the celebration of National Girl Child

Extension Activities

Prof. Sunita Mishra

i. Prof. Sunita Mishra UGC- Human Resource Development Centre of Gujarat University Short term course on E-Content 28/5/2020 to03/06/2020.

ii. Prof Sunita Mishra PRIA International Academy Community- University Engagement: moving towards engaged teaching 18/05/2020 to 22/05/2020

iii. Prof. Sunita Mishra Government post graduate college Panchkula , Grand academic portal and Global Academic assessment consortium (GAAC) Understanding ORAC for immunity and wellness 08/06/2020 to 14/062020

iv. Completed 1 week online course on "Community university engagement: moving towards engaged teaching, research and service from PRIA international academy in May, 2020.

v. Successfully completed the online quiz on "National Awareness on Corona Pandemic" on 25th may2020 organized by College of Pharmaceutical sciences Dayananda Sagar University Bengaluru.

6. Visitors of Department from inside the country:

i. Dr. Bharti Bhatnagar, Prof (Retd.)-L-201, Luv-Kush Apartment Seva Mandir Road, Fatehpura Udaipur-313004, Bikaner (Rajasthan).

ii. Dr. Nisha Gupta Professor, Department of Home Science Mahila Maha Vidyalaya Aminabad, Lucknow.

iii. Prof. Ranu Prasad, Dean, college of Home Science SHUATS Allahabad – 211007 (U.P.)

iv. Prof. Sanjay Kumar, Head ,Department of Plant Science School of Agriculture Sciences & Technology BBAU, Lucknow

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

Prof. Sunita Mishra

i. European Association of Agricultural Economics (EAAE) - Life Member

ii. The Hague Netherland - Life Member

iii. Global Communication Research Association, Sydney Australia - Life Member

iv. Physician Association for responsible medicine, Washington DC, U.S.A. - Member

v. Virginia College of Osteopathic medicines Blacks Burg, Virginia, U.S.A. - Member

vi. Home Science Association of India & Vice President (North) - Life Member

vii. Nutrition Society of India - Life Member

viii. Indian Dietetics Association - Life Member

ix. Indian Journal of Preventive and Social Medicine - Life Member

x. Indian Journal of Community Psychology - Life Member

xi. Social Science Congress - Life Member

xii. Science Congress - Life Member

xiii. CEPRE , a project under IMS BHU – Member

xiv. Punjab Agriculture University , Punjab - Doctoral committee Member

xv. Utkal University , Bhubaneswar - Doctoral committee Member

xvi. University Of Hissar - Doctoral committee Member

xvii. Berhampur University , Berhampur - Doctoral committee Member

xviii. Banaras Hindu University, Varanasi - Doctoral committee Member

xix. Allahabad University, Allahabad - Doctoral committee Member

xx. VBS Purvanchal University, Jaunpur - Doctoral committee Member

Dr. U.V. Kiran-

i. Editorial Board Asian Journal of Home Science- Member

ii. Editorial Board Food Science Research Journal- Member

iii. Editorial Board International Journal of Science & Technology- Member

iv. Indian Gerontological Association - Life Member

v. International Science Congress Association- Life Member

vi. Indian Ergonomics Association- Life Member

vii. Home Science Association of India- Life Member

viii. Indian Science Congress Association- Life Member

ix. Asean Regional Association for Home Economics- Life Member

x. Asian Journal of Home Science - Life Member

xi. Zoological Society of India- Life Member

xii. GESA- Life Member

xiii. BSI – Life Member

Dr. Neetu Singh:-

- 1. Life membership of Global Environment &Social Association (GESA)

Dr. Shalini Agarwal:-

i. Life membership of Home Science Association of India

ii. Life membership of Indian Society of Ergonomics

iii. Life membership of Indian Ergonomic Association

iv. Life membership of Indian Science Congress

v. Life membership of Asian Journal of Home Science

vi. Life member of Social Science and Humanities Research Association

vii. Life member of Healthcare & Biological Sciences Research Association

viii. Life member of Scientific & Technical Research Association

ix. Life member of Teaching & Education Research Association

x. Member, Editorial Board, Asian Journal of Home Science

Dr. Khwairakpam Sharmila:-

i. Life membership of Home Science Association of India
ii. Life member of Social Science and Humanities Research Association
iii. Life member of Healthcare & Biological Sciences Research Association
iv. Life member of Scientific & Technical Research Association
v. Life member of Teaching & Education Research Association
vi. A member of Association for Early Childhood Education and Development (AECED) from 2021 to 2026

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

Prof. Sunita Mishra-

Book Authored :

i. Prof. Sunita Mishra, Nutrition Health for Lifestyle Management in Selective and scientific books, ISBN No: 819514924-3.
ii. To assess visually Handicapped children gender across of Lucknow City, Lambert Publication.
iii. A study on knowledge about government schemes for the elderly people, Lambert Publication.
iv. Elderly well being: in institutionalized and non institutionalized, Lambert Publication.

Prof. U.V. Kiran

i. U.V. Kiran &Archana Singh, 2020, Fundamentals of Ergonomics,JTS Publications, ISBN No-978-9390143214.
ii. U.V. Kiran &Garima Mishra, 2020, Accessibility of the Differently Abled In Public Places, Book River Publications, ISBN No-978-9389914535

9. Details of Book Chapter in edited volume:

Prof. Sunita Mishra:

i. Deepshika and Sunita Mishra (2020), "Impact of Fatty Acids on Dyslexia and Dyspraxia" in Environment and Society, Government P.G. College Saidabad, Prayagraj (U.P.), ISBN: 978-81-931262-3-3.
ii. Monika Patel and Sunita Mishra (2021), "Nanofoods as future food: the new age of nanotechnology and Nano food" in Challenges and opportunities in Nutrition, Environment and agriculture, Rathore Academic Research Publication" ISBN No- 978-81-9493-75-3-1.
iii. Sunita Mishra (2021) "Sources of contamination and effect of food processing on pesticide residues in food" in Persistent organic pollutants in the environment, Routledge Taylor and Francis. ISBN: 978-0367-512-88-0.
iv. Divyanshi Verma and Sunita Mishra (2021) "Incorporation of Jackfruit seed flour in fasting diet" in Challenges and opportunities in Nutrition, Environment and agriculture, Rathore Academic Research Publication" ISBN No- 978-81-9493-75-3-1.
v. Sunita Mishra (2020) "Nutraceuticals for Cardio vascular Diseases" in Non-Communicable disease and societal health: A Home Scientist Approach, Mount Hill Publishing Company Delhi (India).ISBN No: 978-93-87305-23-6

Prof. U.V. Kiran

i. U. V. Kiran and Padmini Pandey, (2020), Solvent Based Paint and Its Impact On Environment And Human Beings, Environment And Society, GPG College, Saidabad, Prayagraj, U.P. GESA, New Delhi, 978-81-931262-3-3,198-207
ii. U.V. Kiran & Santoshi (2020), Role of rag pickers in solid waste management and conserving the environment, Challenges in Education, environment and Agriculture, 978-81-949375-3-1

Dr. Neetu Singh

i. Nidhi Gautam and Neetu Singh, Human milk banking: blessing's for the infants in Food and nutritional security: an Indian perspective. Akinik publication 2021.
ii. Anukriti and Neetu Singh, Food and nutrition security in Food and nutritional security: an Indian perspective. Akinik publication 2021.
iii. Anukriti and Neetu Singh, Family health and nutrition in Research trends in home science and extension. Akinik publication 2021.
iv. Madhu and Neetu Singh, Role of indian specias in healthy lifestyle in Food and nutritional security: an Indian perspective. Akinik publication 2021.
v. Madhu and Neetu Singh, Functional food: probiotics and prebiotics in Research trends in Food technology and nutrition. Akinik publication 2021.
vi. Priyanka Tripathi and Neetu Singh, Role of women in food security in Food and nutritional security: an Indian perspective. Akinik publication 2021.
vii. Priyanka Tripathi and Neetu Singh, Role of ICT to promote health literacy among women in Research trends in home science and extention. Akinik publication 2021.
viii. Priyanka Tripathi and Neetu Singh, Sexual and reproductive health problems among young married women in Research advances in scientific research. Akinik publication 2021.

Dr. Shalini Agarwal

i. Nabat Arfi and Shalini Agarwal. 2021. Environmental and health effects of e- waste Management. Future of E- Waste Management Challenges and Opportunities. Edited by Navtika Singh Nautiyal and Shuchita Agarwal. Thomson Reuters. ISBN- 9390-5298-59.
ii. Poonam Verma, Shalini Agarwal and Khwairakpam Sharmila. 2021. Problems faced by migrant workers during Covid-19 pandemic. Recent Advances in Scientific Research. Edited by Ramneet Kaur and Bishvajit Bakshi. Lambert Academic Publishing. ISBN- 978-620-3-92493-0.
iii. Gayatri Prajapati, Khwairakpam Sharmila and Shalini Agarwal. 2021. Role of Emotional Well being of Early Childhood. Recent Advances in Scientific Research. Edited by Ramneet Kaur and Bishvajit Bakshi. Lambert Academic Publishing. ISBN- 978-620-3-92493-0
iv. Shalini Agarwal and Khwairakpam Sharmila. 2020. Inclusion of Learners with Disabilities in COVID-19 Education. COVID-19 and Emergency E-Learning: Consequences and Experiences. Edited by Indu Upadhyay, Anshu Shukla and Anjulata Singh, Star Publication Agra, 24-35. ISBN – 978-81246-99-3.
v. Khwairakpam Sharmila and Shalini Agarwal. (2020). Counselling for mental wellbeing amidst pandemic Covid -19. COVID-19 and Emergency E-Learning: Consequences and Experiences. Edited by Indu Upadhyay, Anshu Shukla and Anjulata Singh, Star Publication Agra, 88-94. ISBN – 978-81246-99-3.

Dr. Khwairakpam Sharmila

i. Gayatri Prajapati, Khwairakpam Sharmila and Shalini Agarwal (2021). Recent Advances in Scientific Research. Edited by Ramneet Kaur and Bishvajit Bakshi. Lambert Academic Publishing. Pp:217-228. ISBN- 978-620-3-92493-0.

ii. Poonam Verma, Shalini Agarwal and Khwairakpam Sharmila (2021). Problems faced by migrant workers during Covid-19 pandemic. Recent Advances in Scientific Research. Edited by Ramneet Kaur and Bishvajit Bakshi. Lambert Academic Publishing.Pp: 277-284. ISBN-978-620-3-92493-0.

iii. Gayatri Prajapati and Khwairakpam Sharmila(2021) Protection of Intellectual Property Rights. Research Trends in Multidisciplinary Research. AkiNik Publications 169, C-11, Sector - 3, Rohini, Delhi-110085, India. Pp:55-67.SBN- 978-93-90846-70-2.

iv. Khwairakpam Sharmila and Shalini Agarwal (2020). Counselling for mental wellbeing amidst pandemic COVID 19. In COVID-19 & Emergency E-learning: Consequences and Experiences. Star Publication, Agra. Pp: 24-35 ISBN 978-93-81246-99-3.

v. Shalini Agarwal and Khwairakpam Sharmila (2020). Inclusion of learners with disabilities in COVID 19. In COVID-19 & Emergency E-learning: Consequences and Experiences. Star Publication, Agra.Pp:88-94 ISBN 978-93-81246-99-3.

10. Papers published during the year by the faculty members:

Prof. Sunita Mishra-

i. Jyoti Singh and Sunita Mishra (2020): Nutritional Enrichment and Health Benefits of Broccoli Flour in Making Dhokla. Food and Nutrition journal. Vol. 5, Issue 1. ISSN: 2475-7091. Web of Science Publon

ii. Monika Patel and Sunita Mishra (2020): Use of nanotechnology and nanopackaging for improving the shelf life of the food and its safety issues. Journal of Food, Agriculture & Environment, WFL Publisher science and technology, Finland. Vol.18(2): 25-31

iii. Darshan Sharma and Sunita Mishra (2020): An acute toxicity in human health of raw and cooked vegetable in tomato and spinach. HSOA Journal of Food Science and Nutrition , J Food Sci Nutr 2020, 6: 075 Web of Science, Publon

iv. Monika Patel and Sunita Mishra (2020): Role of nutrition on immune system during Covid-19 pandemic. Journal of food nutrition and health, Web of Science, Publon.

v. Mansi Mandal and Sunita Mishra (2020): Organoleptic evaluation of ready-to-eat upma product by using superseeds. Journal of Food, Agriculture & Environment, WFL Publisher science and technology, Finland.Vol.18 (1)14-17, 2020.

vi. Varnika Mishra and Sunita Mishra (2020): Formulation of JowarLaddu Incorporated with Banana Peel Powder and Aswagandha Powder. International Journal of Scientific Research in Science and Technology. Vol. 7, Issue 4, pp: 82-87; ISSN: 2395-6011.

vii. Shyamli Shukla and Sunita Mishra (2020): An analysis of microbial spoilage if household food items and suggestion to retard spoilage. International Journal of Advances in Engineering and Management (IJAEM). Vol. 2, Issue 1, pp: 466-475; ISSN: 2395-5252

viii. Ruchi Verma and Sunita Mishra (2020): A study on food safety aspects of street foods for school children's and personal hygiene of street food handlers. Journal of Information and Computational Science. Vol. 10, Issue 7, pp: 644-655; ISSN: 1548-7741.

ix. Aditi Singh and Sunita Mishra (2020): Guidelines of sport nutrition especially for female athletes. International Journal of Advances in Engineering and Management (IJAEM). Vol. 2, Issue 1, pp: 519-522; ISSN: 2395-5252

x. Garima Yadav and Sunita Mishra (2020): Value added bread of pumpkin seed flour functional constituents and medicinal properties of pumpkin seed, IJRAR Vol-7, Issue 1

xi. Sunita Mishra (2020): To study the diff. symptomatic factor associated with haemolysis, Journal of Food, Agriculture & Environment, WFL Publisher science and technology, Finland. Vol.18(3&4)

xii. Dhirendra Kumar Dinkar and Sunita Mishra (2020): Preparation of Biscuits by using Lotus Seed, Pearl Millets and Multigrain Wheat for Elderly People. International Journal of Research in Engineering, Science and Management. Vol.: 3, Issue: 7. ISSN: 2581-5790

xiii. Deepti Singh and Sunita Mishra (2020): Role of e-Learning education and e-Resources; Its Impact on Academic Performance of the Students. AEGAEUM Journal. Vol.: 8, Issue: 7. ISSN: 0776-3808.

xiv. Jyoti Singh and Sunita Mishra (2020): Organoleptic evaluation of product (ready to mix fortified dhokla) with incorporation of broccoli flour. Development Programmes, Annals. Food Science and Technology.

xv. Pragya Dubey and Sunita Mishra (2020): Dietary implication of miracle cereal finger millet (EleusineCoracana) and it's product development. AEGAEUM Journal. Vol.: 8, Issue: 7. ISSN: 0776-3808.

xvi. Deep shika and Sunita Mishra (2020): Impact of fatty acids and Dyslexia and dyspraxia. Environment and Society, pp 153-156.

xvii. Nidhi Yadav and Sunita Mishra (2020): Use of Tomatoes (Lycopene) in combating hypertention in pregnancy. AEGAEUM Journal. Vol.: 8, Issue: 7. ISSN: 0776-3808. 1

xviii. Mansi Mandal and Sunita Mishra (2020): Nutritional value of product and its enrichment using superseeds (pumpkin seeds, chia seeds, sunflower seeds and almond) in application of ready to eat upma. Annals.Food Science and Technology.Vol. 21, Issue 1, 2020.

xix. Pooja Mishra and Sunita Mishra (2020): Fortification of cookies with miracle powder: Ashwagandha and Moringa powder. Transtellar Journal Publication & Research Consultancy (TJPRC). Vol. 10, Issue 2. Paper Id.: IJFSTDEC20202

xx. Divyanshi Verma, Poorva Dubey and Sunita Mishra (2020): Assessment of Physiochemical & functional properties of Jack Fruit (Artocarpusheterophyllus) seed powder. Transtellar Journal.

xxi. Pooja Mishra and Sunita Mishra (2020): Aswagandha and moringa used as immunity booster during Covid-19 pandemic. International journal of pharmacy and pharmaceutical research. Vol-9, pp:1-4, ISSN No: 2014-9999

xxii. Deepti Singh and Sunita Mishra (2020): Student awareness and engagement towards e-learning using e-learning resources and its impact on academic performance. Bulletin monumental journal, web of science, clarivate analysis.

xxiii. Divyanshi Verma and Sunita Mishra (2020): Jack fruit seed flour as alternative diet during fasting (in combination with buckwheat and water chestnut flour). Annal of Food Science and Technology.

xxiv. M.A. Firdaus and Sunita Mishra (2020): Teenage pregnancy: some associated risk factorsa review. International Journal of Current Advanced Research. Vol. 9, Issue 08(A), pp: 22906-22913. ISSN: O: 2319-6475, ISSN: P: 2319-6505.

xxv. Swati rai and Sunita Mishra (2021) menstrual status and obstetrical history influencing, prevalence of iron deficiency anaemia among reproductive age women in rural areas. Materials today: Proceedings. Pp- 1-5.ISSN: 2214-7853.

xxvi. Amardeepsinghchauhan, shristhi tripathi, rashmi pandey and Sunita mishra , (2021) Applications of anti-microbial activities of magnesium oxide nanoparticles against foodd borne pathogens in juice. International journal of pharaceuticals research and application, Vol 6, pp-616-620. ISSN: 2249-7781

xxvii. Gaurav singh and Sunita Mishra (2021), Development and analysis of physical and textural properties of common and tartary buckwheat based khakra for health aspects.NOVIY MIR Research journal.Vol-6 pp 141-159 ISSN no: 0130-7673.

xxviii. Shrishtitripathi and Sunita Mishra (2021), Isolation and charecterization of value adde

product from underutilised part of banana, Indian journal of science and technology, vol-14, pp 2317-2326, ISSN no: 0974-6846.

xxix. Gunjan Gupta and Sunita Mishra (2021), Nutritonal and microbiological evaluaton of dark chocolate coated chinesechestnest, Journal of basic and applied. Vol 5 pp- 29-37, Issn No: 2935-3446.

xxx. Shivani Singh and Sunita Mishra (2021), Physiochemical and technological evaluation of the fruits and vegetable residue flour biscuit and nachos, Molecular Biology, Vol-10, pp1-7, ISSN No:2168-9547.

xxxi. Parveen Zia, Sunita Mishra, Sneha Singh, (2021) Extraction of natural colour from beet root (beta vulgaris) its phytochemical analysis and antibacterial activity, journal of nutrition and food, vol-3, pp-80-85, ISSN No: 2663-7308.

xxxii. Dhananjay Kumar, Raj Kumar Kishor, Urvashi Sharma, Sunita Mishra, Aneet Kumar Yadav, Narendra Kumar (2021),Geoclassification of fluoride-affected areas of Lucknow, Uttar Pradesh, India, Environmental quality management , wiley, pp- 1-8, ISSN No: 1520-6483.

xxxiii. Swati Rai and Sunita Mishra (2021) Impact of Socio Demographic Factors on the Prevalence of Iron Deficiency Anaemia among Reproductive Age Women attending Community Health Centre in Rural Area (CHC), Vol-10, pp-245-250, ISSN No: 2277-1808.

xxxiv. Shivani Kumari, Smriti Mishra, Deffodil Bharali, Sunita Mishra, (2021) Preparation of Fruits and Vegetable Residues Flour in the Development of biscuits and nachos, Research Journal of Agricultural Sciences An International Journal, Vol-12, pp-1285-1288, ISSN No: 0976-1675.

xxxv. M.A Firdaus and Sunita Mishra (2021), Nutritional Recommendations for management of coronary heart disease duriing Viral infections with an emphasis on covid 19, Journal of cardiovascular disease research , Vol-12, pp- 982-986, ISSN No:0975-3583.

xxxvi. M.A Firdaus and Sunita Mishra (2021), Industrial trans-fatty acd intake associated with coronary heart disease risk-review, Journal of nutrition and food sciences, Vol-11, pp: 806-810.

xxxvii. Monika Patel and Sunita Mishra (2021), A review: Application and production of nanoencapsulation in the food, Asian journal of Nanoscience and nanomaterial, Vol-4, pp: 213-228, ISSN No: 2645-2277.

xxxviii. Swati Rai and Sunita Mishra (2021), menstrual status and obstetrical history influencing, prevalence of iron deficiency anaemia among reproductive age women in rural areas, Material today proceedings, ISSN No: 2214-7853.

xxxix. Sanjeet Kureel, Sunita Mishra and Priyanka Shankar (2021), Impact of the covid 19 pandemic on lifestyle and wellbeing of population, Indian journal of pure and applied biosciences, Vol-3, pp:64-72, ISSN No: 2582-2845.

xl. Smriti Mishra, Sunita Mishra, Shivani Kumari, Deffodil Bharali, (2021)Evaluation of nutritional and microbial properties of bread developed by incorporating morianga leaves and fenugreek leaves, Asian Food science journal, vol-7, pp: 93-101, ISSN No: 2581-7752.

xli. Shrishti Tripathi and Sunita Mishra (2021), Antioxidant, Antibacterial analysis of pectin isolated from banana peel and its application in edible coating of freshely made mozzarella cheese, Asian Food science journal, vol-7,pp:82-92, ISSN No: 2581-7752.

xlii. Deep Shikha and Sunita Mishra (2021) Magnitude of infectious complication in haemodialysis patients, Annals of R.S.C.B, Vol-25, pp_3391-3395, ISSN No: 1583-6258.

xliii. Gunjan Gupta and Sunita Mishra (2021), Organoleptic properties of chocolate coated chinese nut, Current journal of applied science and technology, Vol-40, pp: 54-63, ISSN No: 2231-0843.

xliv. Neeraj km Tyagi and Sunita Mishra (2020), Development of a nutrigenomic product and

checking the acceptance of public opinion for consumption, Journal of food nutrition and health, Vol-3, pp-1-6.

xlv. Deep Shikha and Sunita Mishra (2021), Efficacy of Therapeutic nutrition in management of haemodialysis patients during SARS covid-19 Pandemic, Journal of cardiovascular disease research, Vol-12, pp- 211-215, ISSN No-0975-2833.

xlvi. Ruchi Verma and Sunita Mishra (2020), Nutritional and consumers behaviour towards street foods, European journal of Nutrition and Food Safety, vol-12, pp:64-73, ISSN No: 2347-5641.

xlvii. Akankshavishnoi and sunita Mishra (2020) Role of teachers in helping slow learners to bring out their hidden skills, Journal of Seybold Report, 1533-9211.

xlviii. Pragya Dubey and Sunita Mishra (2020), Nutritional composition of miracle cereal finger millet (Eleusinecoracana) and its innovative product development, Research Journal Of Agricultural Sciences, ISSN No:2229-4538, Vol-12, pp63-67.

xlix. Ruchi Verma and Sunita Mishra (2020), A Study on Food Safety Aspects of Street Foods for School Children's and Personal Hygiene of Street Food Handlers, Journal of Information and Computational Science, Vol-10, pp-644-649, ISSN No:1548-7741.

Prof. U.V. Kiran-

i. U.V.Kiran, 2020, Child labour in brick kilns: Social Issues and Health Hazards, Journal of SEYBOLD Report, 15(8), 845-855.

ii. U.V.Kiran and Neha Raj, 2020, Challenges faced by female entrepreneur: An analytical study, AJHS, 15(1), 27-30.

iii. U.V.Kiran and Neha Raj, 2020, Assessment of work life balance among female entrepreneurs, AJHS, 15(1), 58-62.

iv. U.V.Kiran and Akriti Pandey, 2020, Measuring stress and happiness level among college going students: A correlational study. Seybold Report, 15(9): 1910-1924.

v. U.V.Kiran and Anu, 2020, Prevalence of work related musculoskeletal and postural hazards in carpenters, Seybold Report, 15(9): 930-940.

vi. U.V.Kiran and Padmini Pandey, 2020, Degradation of paints and its microbial effect on health and environment. Journal of Critical Reviews, 7(19): 4879-4884

vii. U.V.Kiran and Santoshi, 2020, Musculoskeletal Disorders among Rag Pickers at Lucknow City, Journal of Ecophysiology and Occupational Health, 20 (3&4),

viii. U.V.Kiran and Padmini Pandey, Postural Discomfort and Musculoskeletal Disorders among Painters - An Analytical Study, Journal of Ecophysiology and Occupational Health, 20 (3&4)

ix. U.V.Kiran and Chaitanya Bajpai, 2020 Meditation and quality of life: a comparative study among meditators and non-meditators, Seybold Report, 15(9): 330-343, ISSN No. 1533-921

x. U.V.Kiran and Chaitanya Bajpai, 2020, Stress In Lockdown Due To Covid 19- Overcoming Through Meditation, International Research Journal of Modernisation in Engineering, 2(9): 381-387, ISSN. No. 2582-5208

xi. U.V.Kiran, 2020, Occupational health Hazards among Dental Professionals,Journal of the Social sciences, ISSN. No. 0253-1097

xii. U.V.Kiran and Chaitanya Bajpai, 2020,Meditation and Depression: A comparative study among meditators and non-meditatorsStrad Research, 7(10) : 86-98, ISSN No.0039-2049

xiii. U.V.Kiran and Santoshi, 2021,Problems faced by the rag pickers during covid-19, Shodh Sanchar bulletin, 10 (40), 2229-3620

Dr. Neetu Singh-

i. Aarohi Sharma, Neetu Singh. Anti bacterial properties test on bacteria: A review, International journal of food science and nutrition. Volume 6 number 1 (2021) pp. 87-88. ISSN 2455-4898. (IF:3.48)

ii. Shivam Gupta and Neetu Singh. A study on intermittent fasting pattern across gender among adulthood. Indian J. Prev. Soc. Med. Volume 52 number 2 (2021). ISSN 0301-1216.

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iv. Madhu, Singh Neetu. Characterization of values added probiotic yogurt ice-cream. Journal of critical reviews. Volume 7 number 18 (2020). ISSN 2394-5125

v. Sonika Chaudhary, Neetu Singh. Coloring of food by the use of natural color extracted by beetroot (Beta Vulgaris), betalain pigment. Sustainability, agri, food and environmental research. Volume 8 number 10 (2020). ISSN 0719-3726

vi. Roli Tripathi and Neetu Singh. Chemical evaluation for pomegranate (punica granatum L.) fruit peel and seeds powders by products. Research J of agricultural sciences. Volume 11 Number 6 (2020). ISSN 1399-1406

vii. Roli Tripathi and Neetu Singh. Contributory examination of the leaves of aloe vera. Research & review: journal of agriculture and allied sciences (2021). ISSN 2319-9857

viii. Awasthi Yashi and Singh Neetu. Characterization and acceptability of vegan yoghurt developed by extraction of milk from soyabean , Barley and Coconut. Research journal of agricultural sciences an international journal. Volume 12 Number 1 (2021). ISSN 0976-1675

ix. P.K. Srivastava and N.S. Singh. Community acceptability of developed functional pasta on their sensory characteristics. Research journal of agricultural sciences an international journal. Volume 12 Number 4 (2021). ISSN 0976-1675

x. Madhu Kumari, Singh Neetu. Development and sensory evaluation of functional yogurt fortification with guava pulp. J food nutr heath. Volume 4 Issue 2 (2021).

xi. Shalini Tiwari & Neetu Singh. Evaluation of phytochemical properties of developed papaya seed powder (carica papaya). Aegaeum Journal. Volume8 Issue 7 (2020). ISSN 0776-3808

xii. Anukriti, Singh Neetu. Effect of different drying methods on physiochemical and functional properties of selected vegetables. International journal of food science and nutrition. Volume 6 Issue 2 (2021). ISSN 2455-4898

xiii. Priyanka Tripathi & Neetu Singh. Effectiveness of teaching methods in enhancing the knowledge regarding reproductive health of early married women of slum. International journal of scientific research. Volume 10 Issue 8 (2021). ISSN 2277-8179

xiv. Anukriti and Singh Neetu. Future needs and prospects of solar drying for vegetables. Solid state technology. Volume 63 Number 2s (2020). ISSN 9269-9274

xv. Priyanka Tripathi & Neetu Singh. Knowledge , attitude and practices of reproductive health among early married women of urban slums of Lucknow, Uttar Pradesh. International journal of psychosocial rehabilitation. Volume 24 Number 03 (2020). ISSN 1475-7192

xvi. Priyanka Tripathi & Neetu Singh. Knowledge and attitude towards RTI/STI among early married women living in urban slums of Lucknow, Uttar Pradesh, Journal of critical. Volume 7 Number 4 (2020). ISSN 2394-5125

xvii. Nidhi and Neetu Singh. Mother milk: a natural immunity booster constant ahead for infant. Journal of critical. Volume 7 Number 4 (2020). Pp 4039-4050. ISSN 2394-5125

xviii. Tahir Zeeshan & Singh Neetu. Nutritional analysis of developed proteins powder. Aegaeum Journal. Volume 8 Number 8 (2020). ISSN 0776-3808

xix. Nazrina Nourin and Neetu Singh. Physicochemical properties of starch extracted from sorghum grains. GAU Research Journal. Volume 45 Number 3 (2021). ISSN 0250-5193

xx. Nazrina Nourin and Neetu Singh. Sensory evaluation of gluten free cake developed using extracted potato starch and rice flour. Research journal of agriculture sciences. Volume 11 Number 6 (2020). ISSN 0976-1675

xxi. Madhu and Singh Neetu. Scientific and technical aspect of functional probiotic yogurt fortification: a review. European journal of molecule &clinical medicine. Volume 7 Number 8 (2020). ISSN 2551-8260

xxii. Anukriti and Singh Neetu. The study of traditional and improved solar drying methods on nutritional parameters of agriculture products. Plant archives. Volume 20 Number 2 (2020). ISSN 9039-9044

Dr. Shalini Agarwal

i. Verma P. and Agarwal S. (2021). Workplace hazard faced by vulnerable migrant working working in the informal sector of Lucknow city. Journal of Ecophysiology and Occupational Health. Volume 21(1). 46-51. ISSN (P) - 0972-4397.

ii. Karnwal R., Khwairakpam S. and Agarwal S. (2021). Exploring the types of outdoor play engaged by school going children. Strad Research. March Volume 8(3). 200-208. ISSN: 0039-2049.

iii. Yadav S, Agarwal S. and Khwairakpam S. (2020). Assess the health hazards of the Chiffoniers in Lucknow city. Journal of Ecophysiology and Occupational Health. Volume 20 (3&4). 128-133. ISSN (P) - 0972-4397

iv. Yadav A. and Agarwal S. (2020). Occupational health and level of awareness among welders. Journal of the Social Sciences. October ,Volume 48 (4). 542-552. E-ISSN: 0975-8935 P-ISSN: 0253-1097.

v. Khanna S. and Agarwal S. (2020). Health hazards and abuses faced by migrant and non-migrant female domestic workers in Lucknow: A Comparative Study. Journal of the Social Sciences. October 2020,Volume 48 (4).1153-1161. E-ISSN: 0975-8935 P-ISSN: 0253-1097.

vi. Yadav A., Agarwal S. and Khwairakpam S. (2020). Occupational health hazards faced by welders at workplace . Journal of Seybold Report. September 2020,Volume 15 (9).1834-1865. ISSN No: 1533-9211.

vii. Khanna S., Agarwal S. and Khwairakpam S. (2020). Workplace stress of female domestic workers residing in Lucknow. Journal of Seybold Report. September 2020,Volume 15 (9).1594-1600. ISSN No: 1533-9211.

viii. Yadav S, Agarwal S. and Khwairakpam S. (2020). Assessment of the mental wellbeing of the chiffoniers in Lucknow city. Journal of Seybold Report. September 2020,Volume 15 (9).2531-2544. ISSN No: 1533-9211.

ix. Mishra A., Khwairakpam S. and Agarwal S. (2020). Role of School Engagement in Strengthening Resiliency among School going and Non-school going Street children. Journal of Seybold Report. September 2020,Volume 15 (9).2237-2248.

x. Karnwal R., Khwairakpam S. and Agarwal S. (2020). Differences in personality development of school going children of Lucknow cityJournal of Seybold Report. September 2020,Volume 15 (9).2754-2765.

xi. Verma P. and Agarwal S. (2020). Mental well-being among migrant workers in informal sector at Lucknow city. International Journal of Recent Scientific Research. July, 2020Vol. 11, Issue, 07(C), pp. 39270-39273. ISSN: 0976-3031.

xii. Verma P. and Agarwal S. (2020). Occupational stress faced by migrant workers- A review. International Journal of Current Advanced Research . June 2020, Volume 9 (6 {C}), 22512-

22154. ISSN: O: 2319-6475, ISSN: P: 2319-6505.

Dr. Khwairakpam Sharmila

i. Prajapati G andKhwairakpamSharmila(2021) A Pilot study on assistive device usage and mental wellbeing of elderly. Annals of Romanian Society for Cell Biology. 25(6): 13144-13154.ISSN: 1583-6258

ii. Karnwal R., Khwairakpam Sharmila andAgarwal S. (2021). Exploring the types of outdoor play engaged by school going children.Strad Research. March Volume 8(3). 200-208.ISSN: 0039-2049

iii. Prajapati G and Khwairakpam Sharmila (2020) Impact of Pandemic COVI-19 on older adults and their wellbeing. Shodh Sanchar Bulletin: An International Bilingual Peer Reviewed Research Journal. 10(40): 171-177ISSN 2229-3620

iv. Monika andKhwairakpam Sharmila (2020) Role of Happiness in health of elderly. Indian Journal of Gerontology. 34(4): 544-552.ISSN: 0971-4189.

v. Prajapati G andKhwairakpam Sharmila (2020) Role of Assistive Devices in wellbeing of elderly: A review. Indian Journal of Gerontology. 34(3): 394-402.ISSN: 0971-4189.

vi. Mishra A, Khwairakpam Sharmila and Agarwal S (2020)Role of School Engagement in Strengthening Resiliency among School going and Non-school going Street children. Journal of Seybold Report. 15(9): 2237-2248.ISSN NO: 1533-9211

vii. Mishra A, Khwairakpam Sharmilaand Agarwal S (2020) Exploring the problems faced by school going and non-school going street children. International Journal of Home Science. 6(3): 327-331.ISSN: 2395-7476

viii. Karnwal R, Khwairakpam Sharmila and Agarwal S (2020) Differences in personality development of school going children of Lucknow city. Journal of Seybold Report. 15(9): 2754-2765.ISSN NO: 1533-9211

ix. Rastogi P andKhwairakpam Sharmila (2020) Family related protective factors for academic resilience of adolescents. Journal of Seybold Report. 15(9): 1884-1893.ISSN NO: 1533-9211

x. Khrasi A, Nath K G, Bembem K andKhwairakpam Sharmila (2020) Physico-chemical properties of potato cultivars for their processing suitability. Journal of Agrisearch. 7(4):228-233.ISSN:2348-8808 (Print), 2348-8867 (Online).

xi. Khanna S, Agarwal S and Khwairakpam Sharmila (2020) Workplace stress of Female Domestic Workers Residing in Lucknow. Journal of Seybold Report. 15(9): 1594-1600.ISSN NO: 1533-9211.

xii. Yadav S, Agarwal S and Khwairakpam Sharmila (2020) Assess the health hazards of the chiffoniers in Lucknow city. Journal of Ecophysiology and Occupational Health. 20(3&4): 128-133.ISSN (Print): 0972-4397 ISSN (Online): 0974-0805

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

Prof. Sunita Mishra

i. Presented a paper on title : "A study on awareness for late adult on healthy lifestyle towards nutrigenomic knowledge" in Two days National webinar on Corona Calamity: Is social and economic consequences on India held on 20-21 April 2020 organized by DAV P.G. College, Varanasi.

ii. Resource person in one day webinar on "Home Science for Being Self Reliant: Challenges and Opportunities" organized by Department of Home Science, Isabella Thoburn college, Lucknow on 23rd May, 2020.

iii. Served in Awareness program of COVID -19 organized by All India Institute of Public and

Physical health Sciences (AIIPPHS)

iv. Participated and delivered a lecture in two days international webinar on" Nutrition during the time of pandemic" jointly organized by Department of zoology, sociology, and mathematics of K.P.M Government Girls Degree College Aurai, Bhadohi UP.

v. Keynote Speaker at webinar on food safety and quality and food microbiology and delivered a lecture on topic Traditional Fermented Food of India on 31st March, 2021 in UAE.

vi. Key note speaker on 1 day webinar on "Nutrition and Health" organized by Maharishi university of information and technology, Lucknow on 06/03/2021.

vii. Speaker in Unite to eradicate Anaemia eSummit 2020, organized by Heal Health on 17 december, 2020.

viii. Speaker in National webinar on Effective Poshan (Nutrition) During Covid-19 Pandemic organized by Central University Of Haryana, Mahendragarh on Sept 24, 2020.

ix. Keynote speaker in 33rd in Biennial Conference of Home Science Association of India (HSAI) on "Tends for Futuristic Development in Home Science: Research and Innovation" Held from 22nd to 24th January 2020 Organized by Avnishahilingam Institute of Home Science and Higher education for Women.

x. Participated in national webinar on "Overcoming the stress Disease Connection- A Practical Approach" on 12th may 2020 organized by MahilaVidyalaya Degree College Lucknow in collaboration with Counselling & placement cell, University of Lucknow.

xi. Participated and Delivered a lecture in a Webinar on "COVID-19 The Mahanana's Indian Vision in global context" organized by MahamanaMalaviya Mission, BHU unit held from on May 9 to 11th , 2020.

Prof. U. V. Kiran

i. Prof. U.V.Kiran attended a conference onNational Seminar on Role of Universities in national Development – Future perspectives and presented a paper on the topic Role of Universities in Higher Education organised by BBAU. Lucknow, 2020

ii. Prof. U.V.Kiran attended a conference onNational Seminar on Modern Perspectives of positive psychology and Health Management in India and presented a paper entitled Psychological Health of Child Labour- A regressive approach, organised by Department of Psychology, Feroze Gandhi College, Raebareli, 2020

iii. Prof. U.V.Kiran attended a conference onFood and Nutrition in the present scenario of COVID 19 and presented a paper entitled "Creating a Healthy environment in Covid 19Dept of Home Science, Arya Kanya Mahavidyalaya, Varanasi, 2020

iv. Prof. U.V.Kiran attended a conference on Global conference on Pandemic COVID 19: Global Impact on environment and sustainable developmentand presented a paper entitled "Renewable energy and sustainable development: special reference to COVID 19" organised by DDU Govt PG College and GESA, New Delhi

v. Prof. U.V.Kiran attended a conference on Probiotics, Functional foods and nutraceuticals: Today's need to maintain healthy life and presented a paper entitled "Nutraceuticals and their impact on the healthy life style of elderly" organised by DDU Govt PG College and GESA, New Delhi

Dr. Neetu Singh

i. Neetu Singh, participate in national webinar and Presented paper on "functional probiotic yogurt developments and their nutrients" organized by the department of home science, Vasant kanya Mahavidyalaya, kamachha, Varanasi.may13-14, 2020.

ii. Neetu Singh, participate in national webinar on traditional Indian food habits, life style & immunity in reference to COVID -19 pandemic, organized by department of home science, Deen Dayal Upadhayay Gorakhpur university, Gorakhpur, U.P., may 23-24,2020.

iii. Neetu Singh, participated online quiz on nutrition and lifestyle: diet management and wellness, organized by BBAU, school of home science, may 28, 2020.

iv. Neetu Singh , participated in national webinar on impact of COVID -19 pandemic on health and education, jointly organized by department of endocrine surgery, KGMU, Lucknow and others,june8 2020.

v. Neetu Singh, participated in national webinar on overcoming the stress disease connection- a practical approach, organized by mahila vidhyalaya degree college, Lucknow, May 12, 2020.

vi. Neetu Singh , participated in national webinar on food habits & dietary management during crisis of covid-19, organized by department of home science, sant tulsi das P.G. college, kadipur, June 17, 2020

Dr. Shalini Agarwal

i. Presented a paper on "Managing workplace stress during COVID-19 pandemic" in the three days International Webinar on COVID-19 and its global impact, organized by Department of Economics, Arya Mahila P.G. College, Varanasi, on 5th -7th June 2020.

ii. Presented a paper on "Post COVID action plan in higher education" in the one day International Webinar on Challenges to higher education post COVID-19, organized by IQAC, Vasanta Kanya Mahavidyala, Kamachha, Varanasi, on 16th May 2020.

iii. Presented a paper on "Nutrition support to fight COVID-19" in the two days National Webinar on Food and Nutrition in the present scenario of COVID-19, organized by Department of Home Science, Vasanta Kanya Mahavidyala, Kamachha, Varanasi, on 13th-14th May 2020.

iv. Presented a paper on "ABC's of strss management during pandamic" in the two days National Webinar on Realigning the Indian economy in Post Covid-19 era, organized by Department of Economics, Vasanta College for Women, KFI,Rajghat, Varanasi, on 11th -12th May 2020.

v. Presented a paper on "Lockdown Anxiety- Early psychological effect of lock down" in the one National Webinar on Psycho-social well-being during COVID-19 pandemic, organized by Department of Psychology, Vasanta Kanya Mahavidyala, Kamachha, Varanasi, on 9th May 2020.

vi. Participated in National Webinar on History of Women's Rights Movements of the World organized by Women's Development Cell, Smt. P.N. Doshi Women's College, SNDT Women's University, on 8th March, 2021.

vii. articipated in National Webinar on Consumerism in Present Scenario organized by Department of Resource Management, Govt. M.H. College of Home Science and Sciencefor Women, Jabalpur on 20th February, 2021.

viii. Participated in National Webinar on Eat Right: Bite by Bite organized by Department of Psychology and Education, Sadar Bhagat Singh Government Post Graduated College, Rudrapur, U.S.Nagar, 29th September 2020.

ix. Participated in National Webinar on Apparel and fashion world: Post pandemic perspective organized by Department of Textile and Apparel Designing, Ethelind College of Home Science, SHAUTS, Naini, Prayagraj on 27th July 2020.

x. Participated in Online Seminar on Neutral circuits for escape and exploratory behavior organized by Post Graduate Department of Zoology, DAV College Jalandhar on 16th July 2020.

xi. Participated in National Webinar Series on Immno-Nutrition, Wellness Management and Livelihood Chance organized by AICRP on Women in Agriculture, AAU, Jorhat in association with ICAR-CIWA, Bhubaneswar on 3rd-5th July 2020.

xii. Participated in National Webinar on Living with COVID-19: Biomechanical and Psychological considerations for family well-being organized by Department of HDFS and FHM&CS, Ethelind College of Home Science, SHAUTS, Naini, Prayagraj on 6th July 2020.

xiii. Participated in National Webinar on Art and culture in North-Eastern India organized by IGRMM, Raebareli on 30th June 2020

xiv. Participated in International Webinar on Covid-19 and environmental Linkages organized by Department of Environmental Science in collaboration with Society for Environmental Sustainability and Springer Nature on 29th June, 2020.

xv. Participated in National Webinar on Positive Psychology and Mental Health organized by DAV Institute of Management, Faridabad, Haryana on 29th June, 2020.

xvi. Participated in National Webinar on Development of e-content avoiding plagiarism organized by Government College for Women, Jammu on 24th-28th June, 2020.

xvii. Participated in National Webinar on Yoga and meditation as a therapy during Covid-19 pandemic: Impact and future challenges organized by Department of Physical Education and Sports and IQAC, PCM S.D.College for Women, Jalandhar on 17th June 2020.

xviii. Participated in Web Colloquium on Corona, the unwanted companion but an invisible teacher organized by International School of Management, Patna on 24th May, 2020.

xix. Participated in National Webinar on Traditional Indian food habits, life style and immunity in reference to Covid-19 pandemic organized by Department of Home Science, DDU, Gorakhpur University on 23rd-24th May 2020.

xx. Participated in National Webinar on Stress management–against Covid-19 organized by SAHSHAM Society, Jaipur on 16th-18th May, 2020.

xxi. Participated in National Webinar on Overcoming the stress disease connection- A practical approach organized by Mahila Vidyalaya Degree College, Lucknow and Counselling and Placement Cell, University of Lucknow on 12th May, 2020.

xxii. Participated in an International Webinar on Exploring and understanding the Covid-19 pandemic organized by CSJMU, Kanpur on 2nd May , 2020.

Dr. Khwairakpam Sharmila

i. Presented a paper entitled "Impact of Pandemic COVID-19 on mental wellbeing of older adults" in Two days National Webinar on Corona Calamity: Its Social and Economic Consequences on India on 20-21 April, 2020. Jointly organized by Department of Commerce, Department of Economics and Department of Sociology, DAV PG College, Varanasi, UP, India

ii. Presented a paper entitled "COVID-19: Changing Economy around the world" in the National Webinar on COVID 19: Changing Dynamics around the globe held on 9-10 May, 2020 organized by the Sunbeam Women's College Varuna, Varanasi, UP, India

iii. Presented a paper entitled "Eating during COVID-19: boost your immunity and lower stress and panic in Two-Days National Webinar on Food and Nutrition in Present Scenario of COVID 19 orgnized by the Department of Home Science, Vasant Kanya Mahavidyalaya, Kamachha, Varanasi, UP, India on May 13-14, 2020.

iv. Participated in National Webinar on "Overcoming the stress disease connection – A practical approach" on 12 May, 2020 organized by Mahila Vidyalaya Degree College, Lucknow, UP, India

v. Participated a National Webinar series on Immuno-nutrition, wellness management

and livelihood change organized by AICRP on women in agriculture, Assam Agricultural University, Jorhat in association with ICAR-CIWA, Bhubaneshwar on July, 03-05, 2020.

vi. Participated an International Webinar on Exploring and Understanding the COVID-19 on 02nd May, 2020 organized Chhatrapati Shahu Ji Maharaj University, Kanpur, UP, India.

vii. Participated a Webinar on Art of Writing Research Paper on May 29, 2020 organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, India

viii. Participated a One day Webinar on Home Science for being self-reliant: Challenges and Opportunities organized by Department of Home Science, Isabella Thoburn College, Lucknow on 23 May, 2020.

ix. Participated a National Webinar on Stress Management – Against COVID-19 on 16-18 May, 2020 jointly organized by Saksham Society, Rajasthan and Narasingh Choudhury, Autonomous College, Jaipur, Odisha, India.

x. Participated a National Webinar on New Education policy 2020: Transforming and Rejuvenating New Dimensions in Higher Education on 18-19 December, 2020 organized by Chandrakanti Ramawati Devi Arya Mahila P.G. College, Gorakhpur, UP, India.

12. Policy report:

- ECCE Manual (ISBN/NCERT) 97893-5292-084-6Topic: Resource package for awareness in early childhood care and education.

13. Details of invited lectures inside country:

Prof. Sunita Mishra

i. Presented a paper on title : "A study on awareness for late adult on healthy lifestyle towards nutrigenomic knowledge" in Two days National webinar on Corona Calamity: Is social and economic consequences on India held on 20-21 April 2020 organized by DAV P.G. College, Varanasi.

ii. Resource person in one day webinar on "Home Science for Being Self Reliant: Challenges and Opportunities" organized by Department of Home Science, Isabella Thoburn college, Lucknow on 23rd May, 2020.

iii. Served in Awareness program of COVID -19 organized by All India Institute of Public and Physical health Sciences (AIIPPHS)

iv. Participated and delivered a lecture in two days international webinar on" Nutrition during the time of pandemic" jointly organized by Department of zoology, sociology, and mathematics of K.P.M Government Girls Degree College Aurai, Bhadohi UP.

v. Invited Speaker National Webinar on on 'Effective Poshan (Nutrition)) during Pandemic COVID-19' Organized by Central University of Haryana in association with National Academy of Sciences, India(NASI) on 24th September, 2020.

vi. Refresher's Courses: (Invited Talk Topic) during 1st April 2020 to 31st March 2021.
   - Use of Nanotechnology and Nanoscience in Food packaging.
   - Malnutrition among children in pooshanMah Celebration.
   - Live interaction on Nutrition Health and Hygiene.
   - Anaemia Mukt Bharat
   - Dietary Management to boost immunity during Covid-19.
   - Avenues in Home Science for self reliance.

Prof. U. V. Kiran

i. Prof. U.V.Kiran delivered anInvited lecture in the webinar on the topic "Occupational stress and rights of Domestic workers" organized by Vigyan Foundation in collaboration with on 17th August, 2020.

ii. Prof. U.V.Kiran delivered anInvited lecturein the National webinar on the topic " Postural Stress in online work environment- Prevention and Remedies" organized by Department of Home Science, Swami Shukdevanand College, Shahjahanpur, UttarPradesh on 30th August, 2020.

iii. Prof. U.V.Kiran delivered anInvited lecturein the E-lecture series on combating Covid-19 organised by Department of Home Science, Jwala Devi Vidya Mandir P. G. College, Kanpur during 16th-18th June, 2020

iv. Prof. U.V.Kiran delivered anInvited lecturein the webinar on the topic "Self-reliance in the era of globalization" Atmanirbhar Bharatorganized by NCC wing, BBAU, 2020.

v. Prof. U.V.Kiran delivered an Invited lecturein the E-lecture series on the topic "Ergonomics in Human-Computer Interface" organised by Dept of Chemical Engineering, Vignan's University, Guntur, AP.

Dr. Neetu Singh

i. As Coordinator of Poster competition under MHRD, "Swachhata Pakhwada" organized on the theme of "single use plastics and their alternatives. Sept.11,2019.

ii. As Coordinator of student counselling center organized orientation session for students during September 2019 to november2019 in each department under various school.

iii. As Coordinator of competition under MHRD, "Swachhata Pakhwada" organized on the theme of "best out of waste ". Janaury 24,2020.

iv. As member celebrate Meghalaya statehood under MHRD "Ek Bharat Shrestha Bharat" programme on January 21, 2020.

v. On the occasion of World Food Day celebration organized "Nutria Foodica" 2K19, Exhibition oct.16, 2019.

vi. On the occasion of Holi Festival organized consultancy of vegieflow holi colours by used of natural veg. and flower to promote healthy and eco- friendly holi colours, march5, 2020.

vii. As Convener organized First Departmental Alumine Meet. November 29, 2019.

14. Details of invited lectures outside the country:

- Prof. Sunita Mishra invited as Key note speaker in International Seminar 2nd Global Meet on Science and Technology for ensuring quality (International Seminar) life held at Bali.

15. Details of National Awards/fellowship:

i. January 2020, 30th, Biennial Conference of Home Science in India: awarded to Prof Sunita Mishra, Topic: "Research and Innovation" Dt. 23 to 26 January, 2021.

ii. Vaama Sarthi, UP Police Family Welfare Association, Women emanation, Dt. 17/3/2021 By Mission Shakti, Barabanki Police.

iii. UP Police Family Welfare Association awarded Prof Sunita Mishra in Mission Shakti Celebration Dt. 26/12/2020 in Unnao Police welfare association.

16. Details of international Awards/fellowship

Prof. Sunita Mishra-

i. International Conference and received Certificate of Recognition to Prof. Sunita Mishra BBAU, on topic "Traditional Fermented Foods in India" awarded by Singapore, 28th Maxwell road dated 31/03/2021.

ii. International award for conference topic "Novel Food Processing and Packaging Services" to Prof. Sunita Mishra in International Conference on Food Microbiology dated 30/04/2021 April in London.

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

i. Transparency and participatory approach is adopted in the Department for timely completion of the tasks

ii. Team work is encouraged among faculty members

iii. Students are involved and participation is encouraged in all the activities of the Department

iv. Advisory system is followed and hence the students issues are tackled at initial level

v. Departmental Alumni are involved actively in the activities of the Department

vi. Compliance to the time frame in completion of all the activities is ensured without any compromise to the quality

vii. Students are actively engaged in community service activities being organized by the Department and other baners like- UBA, EBSB and swacchata pakhwada etc/

17. Students achievements:

Sl. No.	Students	Supervisor	Title	Fellowship availed / availing
i. Ph.D. Degree awarded				
1	Rasnika Amra	Dr. Shalini Agarwal	Building resiliency among children against bullying through participatory approach	RGNF
ii. Ph.D. Thesis submitted during the year				
2	Swati Rai	Prof. Sunita Mishra	An Epidemiological study on Iron Deficiency Anemia and its Impact on the Health Status of the Reproductive Age Women	SRF
3	Neeraj Kumar Tyagi	Prof. Sunita Mishra	Efficacy and Development of premix as a Nutrigenomics super food for life style related diseases	UGC
iii. Ph.D. Students Pursuing				
1	Deepti Singh	Prof. Sunita Mishra	Urban & Semi Urban high school students comparison in respect to e-learning resources their dependency and effect on academic performance	----
2	Ruchi Verma	Prof. Sunita Mishra	Food Safety and Security aspects of Streets foods: An Interventional Study	UGC
3	Ms. Monika Patel	Prof. Sunita Mishra	A Study on Shelf Life of Food through Smart Packaging using Nanotechnology	NFOBC
4	Mrs. Deep Shikha	Prof. Sunita Mishra	Nutritional Assessment of Patients undergoing Haemodialysis at Dialysis centre in Central Urban Lucknow	UGC
5	M A FIRDAUS	Prof. Sunita Mishra	Replacement technologies in food and formulation of packaged food	JRF
6	Rajani Singh	Prof. Sunita Mishra	------	------
7	Ms. Santoshi	Prof. U.V. Kiran	Health Hazards among ragpickers (<14years)-An Interventional Study	UGC
8	Ms. Padmini Pandey	Prof. U.V. Kiran	Health hazards among the Painters and Paint manufacture workers – A comparative analysis	UGC
9	Ms. Neha Rawat	Prof. U.V. Kiran	------	UGC
10	Ms. Shikha	Prof. U.V. Kiran	------	UGC
11	Ms. Nidhi	Dr. Neetu Singh	An Interventional Study on nutrient composition of breast milk through Nutritional Supplementation	UGC
12	Ms. Anukriti	Dr. Neetu Singh	Optimisation and Shelf life study of Vegetables by different drying methods	UGC
13	Ms. Madhu	Dr. Neetu Singh	Functional Probiotic yoghurt fortification with vitamin-c rich fruits	UGC
14	Mrs. Priyanka Tripathi	Dr. Neetu Singh	Effect of some health educational methods in enhancing the knowledge about reproductive health of early married women.	JRF
15	Ms. Poonam Verma	Dr. Shalini Agarwal	Enrichment of Organic Kitchen Waste through Microbial Inoculation and its application quality	UGC
16	Ms. Shivani Singh	Dr. Shalini Agarwal	--------	--------
17	Gayatri Prajapati	Dr. K. Sharmila	Impact of Assistive Devices on Emotional and Mental Wellbeing if Elderly	JRF
18	Poornima Rastogi	Dr. K. Sharmila		UGC

iv. Accomplishments of Students		
Number of students completed their Master/ Graduation/ Diploma	M.Sc. (HD&FS)	08
	M.Sc. (FST)	17
	Diploma in Dietetics & Nutrition	19
Number of students pursuing higher studies	Ph.D.	01
Number of students selected on other government jobs/ banking/School teaching etc	Govt. Job	01
	Job	03
Number of students awarded SLET/NET/JRF/any other fellowship	NET	07
	JRF	01

18. Any other special achievements recorded by the students:

Students also participated in Swachh Bharat, Gender Sensitization, Unnat Bharat Abhiyan, Activities under women cell of the University.

19. Details of the Publications of the students (Books/Article/Book's chapter):

S .No.	Name of Student/ Scholar	Books	Book's chapter	Paper in UGC listed Journal	Papers in other
1	Deepshika		01 Chapter in Book		Environment and Society
2	Monika Patel		01 Chapter in Book		Rathore Academic Research Publication" ISBN No- 978-81-9493-75-3-1.
3	Divyanshi Verma		01 Chapter in Book		Rathore Academic Research Publication
4	Archana Singh	Fundamentals of Ergonomics, JTS Publications 2020			
5	Garima Mishra	Accessibility of the Differently Abled In Public Places, Book River Publications,			
6	Poonam Verma		01 Chapter in Book		
7	Gayatri Prajapati		01 Chapter in Book	LambertAcademic Publishing.Pp:217-228.ISBN- 978-620-3-92493-0.	
8	Nidhi Gautam		01 Chapter in Book		Akinik publication 2021
9	Anukriti		01 Chapter in Book		Akinik publication 2021
10	Madhu		01 Chapter in Book		Akinik publication 2021
11	Priyanka Tripathi		03 Chapter in Book		Akinik publication 2021
12	Padmini Pandey		01 Chapter in Book		Environment And Society
13	Santoshi		01 Chapter in Book		Rathore Academic Research Publication

The M.Sc. and Ph.D. students of the Department do publish the research articles in reputed journals at National and International Level. (2020-21).

20. Google profile of the faculty members:

i. Prof. Sunita Mishra

	All	Since 2016
Citation -	1821	1326
h-index -	21	18
i10-index -	54	35

ii. Prof. U.V. Kiran

	All	Since 2016
Citation-	396	331
h-index-	11	11
i10-index -	12	12

iii. Dr. Neetu Singh

	All	Since 2016
Citation -	115	62
h-index-	5	5
i10-index-	2	2

iv. Dr. Shalini Agarwal

	All	Since 2016
Citation -	214	169
h-index-	8	7
i10-index-	8	5

v. Dr. K. Sharmila

	All	Since 2016
Citation-	12	12
h-index-	2	2
i10-index-	0	0

School of Information Science & Technology

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 four full time courses of Master of Computer Applications, MCA (Evening) three year each, M. Tech. (Computer Science) of two year 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.

1. Course offered/New Courses:

i. MCA
ii. MCA (Evening)
iii. M. Tech. (Computer Science)
iv. Ph.D.

2. Facilities in available in the Department

- Departmental Library, Computer Lab, Lecture Hall, Smart Class.

3. Details of the Faculty

i. Prof. S.K. Dwivedi

- Professor& Head, Computer
- Dean, SIST/School of information Science and Technology
- Specialization: Artificial Intelligence, Web Mining, NLP and WSD
- Qualifications: MCA, Ph.D. (Computer Science)

ii. Prof. Vipin Saxena

- Specialization : Scientific Computing / Software Engineering
- Qualifications: M.Sc. (Applied Mathematics), MCA, MBA, M. Phil (Computer Appls), Ph.D.(I.I.T Roorkee)

iii. Prof. Shishir Kumar

- Specialization: Software Engineering, Web Engineering, Intelligent, Computational Techniques
- Qualifications: Ph.D.

iv. Deepa Raj

- Specialization: Computer Graphics, Data Structure and Software Engineering
- Qualifications: M.Sc. (Computer Science) Ph.D. (Computer Science), NET.

v. Babita Pandey

- Specialization: Machine Learning Social Network Deep Learning Elearing Expert System
- Qualifications: MCA, Ph.D.

vi. Manoj Kumar

- Specialization: Computer Vision, Graphics & Image Processing
- Qualifications: MCA.JNU (New Delhi), Ph.D. (I.I.T. Roorkee), NET, JRF.

vii. Narander Kumar

- Specialization: Computer Networks, Object Modeling Networks Simulation (OMNETPP)
- Qualifications: MCA, Ph.D. (Computer Science & Information Technology)

viii. Shalini Chandra

- Specialization: Software Engineering, Software Security, Internet of Things
- Qualifications: MCA, NET, Ph.D. (I.T), PDF

ix. Karm Veer Singh

- Specialization: Multimedia Information Retrieval, Data Science, Medical Imaging, Quantum Neural Networks, Reliability, Cyber Security and Artificial Intelligence.
- Qualifications: B.E, M.S, Ph.D. IIT (BHU)

4. Other Departmental level Academic Activities: -

Department organized one week workshop on Artificial Intelligence-Machine Learning with Python, 16th to 20th September, 2020 sponsored by ATAL (AICTE Training and Learning Academy, Jaipur). Prof. Sanjay Singh, Hon'ble Vice Chancellor, Patron and Prof. Arun Mohan Sherry, Founder Director IIIT Lucknow, Chief Guest commenced the workshop. The speakers of the five day workshop were:

i. Prof. T.V. Vijay Kumar, Dean, School of Computer and System Science, JNU
ii. Prof. Anupam Agarwal, Dean(ERP, Automation, Promoting Consultancy, Alumni Activity & other Academic related promotions), Indian Institute of Information Technology, Allahabad.
iii. Prof. C. M. Pandey, Head, Department of Bioinformatics and Statistics, SGPGI, Lucknow
iv. Mr. Alok Ranjan Singh, Director, IVS Infotech Pvt. Ltd.
v. Mr. Dheer Singh, Head Marketing – Prepaid, DGM, Bharti Airtel, UP East

vi. Mr. Pankaj Shukla, Joint Director, National Institute of Electronics and Information Technology(NIELIT), Lucknow

5. Co-curricular/Extracurricular/supports Activities: -

Plantation Programme was organized by the department on Teacher's Day in which more than 50 plants were planted near library and Type 'A' residence by the students and faculty members of the department.

6. Members/fellowship of professional/Academic bodies/editorial board: -

Prof. S. K. Dwivedi

i. Member, Board of Studies of Computer Application, UIET, Dr. RML Avadh University, Faizabad (2017-2020)

ii. Member, Board of Studies of Computer Sc. And Applications, SRM University, Lucknow

iii. Member Advisory/Expert committee at Council of Science & Technology, U.P., Lucknow for evaluation of R&D projects in Information technology

iv. Member, School Board of School of Computer Science & Information Technology, Mahatma Gandhi Central University, Motihari, Bihar (2017-2020)

v. Member, Central Purchase Committee, Institute of Engineering & Technology (constituent college of APJ Abdul Kalam Technical University), Lucknow (2017)

vi. Member of Court (visitor nominee) Nominated by president of India for Assam University (a central University), Silcher (Assam) 2018

vii. External Expert Member, DRC, Department of Computer Science, University of Lucknow, Lucknow

viii. External Expert Member, Board of Studies (Computer Science), A.P.S. University, Reva (M.P.)

ix. (March 2019 onwards, Ref. No. academic/.../2019/425)

x. Program Committee Member of International Conference on Computational Materials Science and Thermodynamic Systems (CMST 2018), University of Cambridge, Cambridge City, United Kingdom, March 2018,

xi. Invited Member, Research Committee, Dr. APJ Abdul Kalam Technical University, Lucknow

Dr. Narander Kumar

- Board of Post Graduate Studies (BPGS), Department of Computer Science, BBAU, Lucknow.

7. Detail of Book Chapter in edited volume

Prof. Vipin Saxena

i. **Snehlata and Vipin Saxena,** "Genetic Algorithm for Solving Currency Identification Problem" in **2nd International Conference on Interdisciplinary Research and Physical Sciences**, during 16th August 2020 to 17th August 2020, Greater Noida, India.

ii. **Snehlata and Vipin Saxena**, "Texture Feature Technique for Security of Indian Currency", **The International Conference Recent Innovations in Computing ICRIC 2020,** pp.695-706, 2020

Dr. Deepa Raj

i. 1. Bably Dolly, Deepa Raj, "Texture based image retrieval using GLCM and LBP", International Conference on intelligent and smart computing in data Analytics, ISBN:978-981-336-175-1,Springer,2021.

ii. 2. Bably dolly Deepa Raj, "image processing using quantum Computing: trends and Challenges, Book chapter in Limitation and future application of quantum cryptography, IGI Global.2021

Dr. Manoj Kumar

i. Ruchi Agarwal and Manoj Kumar, "A Two Side Histogram Shifting Based Reversible Data Hiding Technique in Encrypted Images," International Conference on Computer Vision and Image Processing (CVIP 2020), CCIS 1376, pp. 99 -112, 2021.

Dr. Narander Kumar

i. Sabita Khatri, Narander Kumar, Deepak Arora, "Empirical Classification Accuracy Assessment of Various Classifiers for Clinical Diagnosis Datasets", **Published as a chapterin** Computational Methods and Data Engineering, **Proceedings of ICMDE 2020, Volume 2**, **Published by©** Springer Nature Singapore Pte Ltd., Springer, Advances in Intelligent and Soft Computing (AISC) Series,Volume-1257, pp-383-392, **First Online Date:**05th November 2020,SRM University, Sonepat, Haryana, Delhi-NCR, India, **Conference date:**30th January to 31, 2020, ISBN978-981-15-7906-6, 978-981-15-7907-3 (eBook), **ISSN:**2194-5357, 2194-5365 (electronic). https://doi.org/10.1007/978-981-15-7907-3_29**(Scopus Indexed)**

ii. Jitendra Kumar Samriya, **Narander Kumar**, "Fuzzy Ant Bee Colony For Security And Resource Optimization In Cloud Computing", **Published** in the Proceeding of **5th International Conference on Computing, Communication and Security** (ICCCS)2020,**Organized by** Indian Institute of Technology, Patna,14-16th Oct, 2020,**Published date: 09th December 2020**, Published by ©2020IEEE**ISBN:**978-1-7281-9180-5,**DOI:**10.1109/ICCCS49678.2020.9276898 **(Scopus Indexed)(Available on IEEE Explorer)**

Dr. Shalini Chandra

i. R. Verma, S. Chandra (2020),"A Fuzzy AHP Approach for Ranking Security Attributes in Fog-IoT Environment", at 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT Kharagpur, IEEE Xplore, 1-3 July 2020.

ii. R. Verma, S. Chandra (2020), "Importance of Trust: Fog Computing Perspective", International ESymposium on Recent Advancements in Information and Communication Technology (RAICT 2020), 5-7 November, 2020, Department of Computer Application, Integral University, Lucknow, India.

iii. R. Verma, S. Chandra (2021), "Analyzing the Impact of Security Attributes in FogIoT Environment suing AHP Approach", 5th International Conference on Inventive Communication and Computational Technologies (ICICCT 2021), Gnanamani College of Technology, Namakkal, Tamil Nadu, India, 25-26 June 2021.

8. Paper Published during the year by the faculty members:

Prof. Vipin Saxena

i. Jaydip Kumar and Vipin Saxena, Hybrization of Cryptography for Security of Cloud Data, International Journal of Future Generation Communication and Networking, Vol. 13(4), pp. 4007-4014, (2020).

ii. Jaydip Kumar and Vipin Saxena , "Asymmetric Encryption Scheme to Protect Cloud Data

Using Paillier-Cryptosystem", International journal of Applied Evolutionary Computation, Vol. 12, No. 4, June 2021.

iii. Snehlata and Vipin Saxena, "A Novel Approach for Identification of Fake Indian Currency Using Genetic Algorithm", International Journal of Future Generation Communication and Networking, Vol. 14, No. 1, pp. 644-651 (2021).

iv. Neetu Singh and Vipin Saxena, "Numerical Experiments on Skew Plate with Linear and Explonential Thickness Variations", Standard Research, Vol. 8, No. 5, 2021

Dr. Deepa Raj

i. Neetish Kumar & Dr. Deepa Raj, "A Framework of Video Compression and Decompression", International Journal of Grid and Distributed Computing, Volume-13, No.2. (2020),PP 235-245

ii. Neetish Kumar & Dr. Deepa Raj, "ALGORITHMIC SOLUTIONS FOR HIGH QUALITY VIDEO EDITING SOFTWARE PROBLEMS", JOURNAL OF CRITICAL REVIEWS, VOL 7, ISSUE 09, 2020, ISSN-2394-5125

iii. Neetish Kumar, Deepa raj, "Shot Boundary Detection Frame Work For Video Editing Via Adaptive Thresholds And Granual Curve Point", Turkish journal of computer and mathematics Education Vol.12,issue 11,pp3820-3828,ISSN:3820-3828,Scopus.

Dr. Babita Pandey

i. Yadav N., Alfayeed S.M. ,Khamparia A., Pandey Babita,T hanh D.N.H., Pande S., "HSV model-based segmentation driven facial acne detection using deep learning", Expert Systems, 2021, ISSN: 2664720.

ii. Khamparia, A., Pandey, B., Al-Turjman, F., Podder, P., "An intelligent IoMT enabled feature extraction method for early detection of knee arthritis", Expert Systems, 2021, ISSN: 2664720.

iii. Romaan Nazir, Devendra Kumar Pandey, Babita Pandey, Vijay Kumar, Padmanabh Dwived, Aditya Khampariya, Abhijit Dey, Tabarak Malik, "Optimization of diosgenin extraction from Dioscoreade lto idea tubers using response surface methodology and artificial neural network modelling", PLOS ONE 2021, ISSN: 1932-6203.

Dr. Narander Kumar

i. Surendra Kumar, Narander Kumar **(Corresponding Author)**, "Conceptual Service Level Agreement Mechanism to Minimize the SLA Violation with SLA Negotiation Process in Cloud Computing Environment", **Published**in **Baghdad Science Journal(BSJ)**, Volume: 18, No. 02, PP:1020-1029, Date of Publication: **20th June, 2021**, **ISSN:2078-8665, E-ISSN: 2411-7986, DOI:**http://dx.doi.org/10.21123/bsj.2021.18.2(Suppl.).1020(**Scopus Indexed)**

ii. SiddhishaJeet, Narander Kumar **(Corresponding Author)**, "Optimization of Resources in Cloud Environment using Nature-Inspired Algorithm"**Strad Research Journal**, Vol. 8, Issue 3, pp. 383-395, **Date of Publication:March 2021** ISSN: 0039-2049, **(Web of Science Indexed)** https://doi.org/10.37896/sr8.3/044

iii. Jitendra Kumar Samriya, Narander Kumar **(Corresponding Author)**, "A QoS Aware FTOPSIS-WOA based task scheduling algorithm with load balancing technique for the cloud computing environment"**Published**in Indian Journal of Science and Technology **(IJS&T)**, Volume-13, Issue-35, pp. 3675-3684, **05th October 2020**,**ISSN**Print: 0974-6846, Electronic: 0974-5645, **(Web of Science Indexed Journal).**https://doi.org/10.17485/IJST/v13i35.1314

iv. Ankita Srivastava, Narander Kumar **(Corresponding Author)**, "Resource Management Techniques in Cloud Computing: A State of Art", **Published** in **ICIC Express LettersAn International Journal of Research and Surveys,**Volume-14No.-9,pp. 909-916, **September 2020,ISSN** 1881-803X (**Scopus Indexed Journal).**

Dr. Shalini Chandra

i. Alenezi, M., Pandey, A. K., Verma, R., Faizan, M., Chandra, S., Agrawal, A., Kumar, R. & Khan, R. A.(2020) Evaluating the Impact of Software Security Tactics: A Design Perspective, Computers, Materials & Continua, Dec 2020, **[Impact Factor: 4.89].**

ii. R. Verma, S. Chandra (2021), "Interval-Valued Intuitionistic Fuzzy-Analytic Hierarchy Process for evaluating the impact of security attributes in Fog based Internet of Things paradigm" Computer Communications, Volume: 175, pp: 35-46. **[Impact Factor: 3.167]**

9. Details related to good governance at the Department level to ensure transparency/ student participation/ time bound result, etc

- Results are timely declared and available on University website.
- Data of all currently registered Ph.D. Scholars are available under department section on the University website.

10. Students achievements

i. Accomplishments of Students

Number of Students completed their Master/Graduation / Diploma	MCA	27
	MCA(Evening)	00
	M.Tech(Computer Science)	13
Number of students selected on other Jobs/banking / school teacher etc.	Teaching	12
	Job	08
	Projects	00
Number of student awarded SLET/NET/JRF/any fellowship	04	

Sr. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
ii. Ph. D. Awarded during the year :					
01	Shweta Vikram	Prof.S.K.Dwivedi		Analysis of the Impact of Ambiguity in Question Paper Translation from English to Hindi	UGC-RGNF
iii. Ph.D. Thesis Submitted during the year					
01	Jitendra Kumar Samriya	Dr. Narander Kumar		Analysis and Design of Security Framework for Cloud Computing	UGC-NON-NET

IV. Ph.D.Student's Pursuing during the year					
01	Jaydip Kumar	Prof. Vipin Saxena		Enhancing cloud based data security though trusted security techniques	UGC-NON-NET
02	Pawan Kumar			To be decided	UGC-NON-NET
03	Bansi Dhar Chaudhary			To be decided	UGC-NON-NET
04	Sugandha Singh			To be decided	UGC-NON-NET
05	Deepika Gautam			To be decided	UGC-NON-NET
06	Hemant Kumar			To be decided	
07	Diksha Shukla	Prof. S.K. Dwivedi		To be decided	UGC-NON-NET
08	Deena Nath			To be decided	UGC-NON-NET
09	Amit Asthana			To be decided	UGC-NON-NET
10	Anshu Gupta	Dr. Deepa Raj		Multimodal Biometric Authentication System Using Human Footprints	UGC-NON-NET
11	Bably Dolly			A STUDY OF CONTENT BASED IMAGE RETRIEVAL SYSTEM	UGC-NON-NET
12	Diwakar			To be decided	UGC-NON-NET
13	Dilip Kumar	Dr. Manoj Kumar		Cryptography Based Data Security in Internet of Things	UGC-NON-NET
14	Ruchi Agarwal			Securing Encrypted Images Through Reversible Data Hiding	UGC-NON-NET
15	Banala Revanth			To be decided	UGC-NON-NET
16	AnkitaSrivastava	Dr. Narander Kumar		An Efficacious Resource Management Mechanisms in Cloud Computing	UGC-NON-NET
17	Archana			To be decided	UGC-NON-NET
	RichaVerma	Dr. Shalini Chandra		Security Enhancement in Fog driven IoT Paradigm	UGC-NFOBC
18	Arvind Kumar			To be decided	UGC-NFST

11. Google profile of the faculty members:

i. Prof. S.K. Dwivedi

	All	Since 2016
Citations	795	546
h-index	11	11
i10-index	19	13

Annual Report 2020-21

Department of Library and 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), M. Phil. 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 than 450 Library and Information Professionals, 37 M.Phil. and 36 Ph.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, 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.
v. The students trained under the aegis of the department are gainfully employed in several Govt. and Private Organizations.

1. Courses Offered : -

i. BLISc. (Bachelor in Library & Information Sciences)
ii. MLISc. (Master in Library & Information Sciences)
iii. M.Phil in Library & Information Sciences.
iv. Ph.D. in Library & Information Sciences.

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

i. Smart Class rooms
ii. Departmental Library
iii. Departmental Laboratory

3. Details of the Faculty:

i. Prof. Shilpi Verma

- Prof. & Head
- **Qualifications-**PG, Ph. D, PGDM P G Diploma in Marketing & Sales Management
- **Specialization-**Management of Libraries, IT Applications in Libraries, Information Retrieval, User Education, Academic Libraries, Special Libraries
- **Email-** shipoo_lko@rediffmail.com; shipoo.lko@gmail.com

ii. Prof. K. L. Mahawar

- Professor
- **Qualifications-**MLISc, CIC, Ph. D.(Library & Information Science)
- **Specialization-**Academic Library and Information System, User Services/Needs, Information Sources, System and Programme
- **Email-** mahawar_67@yahoo.co.in, mahawar67@gmail.com

iii. Dr. M. P. Singh

- Professor
- **Qualifications-** MLISc, Ph.D.(LIS), M.Com,M.Sc.(IT), M.B.A.
- **Specialization-**Management of Libraries and Information Centers, Information Technology, User Studies
- **Email-** mpsinghdlis@gmail.com

iv. Dr. Sharad Kumar Sonker

- Associate Professor
- **Qualifications-** Ph.D.(LIS), PGDCA, MLISc, BSc.
- **Specialization-** IT application to Library and Information services, Digital Libraries, Library Automation
- **Email-** sksonker@yahoo.co.in

v. Dr.Vinit Kumar

- Associate Professor
- **Qualifications-**B.Sc, MLISc, Ph.D.(LIS)
- **Specialization-** Web technology Applications, Text and Data Mining, Research Methods, Information Retrieval
- **Email-**vinitbhu06@gmail.com

vi. Mr. Somipam R.Shimray

- Associate Professor
- **Qualifications-** B.Sc., PGDCA, PGDLAN MLISc, Ph.D Pursuing
- **Specialization-**Knowledge Management, Knowledge Sharing, Information Seeking , Cultural Informatics
- **Email-** srshimray@yahoo.com

4. Details of the Seminar/Conference/Webinar Organized by the Department:

i. Organised Yoga Day Programm on 21/06/2020 (By Online Mode)
ii. Book Review Competition was organized by DLIS on 18th July 20 under reading month (19th june to 18 july) in online mode.
iii. Rreading day was celebrated by taking **reading pledge** by students of dept on 19th june 2020 by DLIS, BBAU, Lucknow in online mode.

iv. National Webinar on "Information Literacy to fight Epidemic" on 22 May 2020 organized by DLIS, BBAU, Lucknow

5. Other Departmental level Academic Activities:

i. Organised a pledge ceremony- occasion on **World No Tabacco Day** at 31/05/2021 (By Online Mode)

ii. Reading day was celebrated by taking reading pledge by students of dept on 19th June 2020 by DLIS, BBAU, Lucknow in online mode

6. Co-curricular/Extra-curricular /sports Activity by the Department:

i. Organised a webinar at the inauguration of "Azadi ka Amrit Mahotsav" Topic- Bharateey Swatantra Samgram: Chintan Evam Prerna held on 12/03/2021

ii. One day Skill Development & Training Program on the occasion of **International Women's Day** dated on 08/03/2021

iii. National Seminar on Preventing, Combating and responding to Gender Based Violence dated: 20/01/2021

iv. Co-cordinator of **Mission Shakti Programmes- Poster & Slogan Competition (Topic: "Surakshit Mahila: Surakshit Bharat")** held on 17-10-2020

v. Co-Organizing of the National Webinar on Preventing, Combating and Responding to Gender Based Violence on 20th Jan. 2021 organised by Committee of Basic Facilities for Women, Gender Champion Committee, UBC Cell & NCC Unit Team, BBAU Lucknow

vi. Co-organising secretary of the National Webvinar on Aapda se Avasar tak: Samradh Gaon-Atmanirbhar Bharat on 2.9.20 organised by UBA team, BBAU, Lucknow

vii. A prog organize Swa rachit Kavita lekhan and essay competition on the topic Corona yodao ke rup mein mahiloa ki bhoomika and Online shiksha mein chatrao ki bhagidari was organized by Gender Champions committee, BBAU on 23 june 2020 in online mode

viii. Organizing Director of National Webinar on **Voices of Gender Equality in India's Intellectual Tradition** organized on 15th June 2020 organized by Committee of Basic Facilities for Women.

ix. E-poster competition was organized under Ek Bharat Shreshta bharat prog on the culture of Meghalaya on 30 april 2020

x. Organised E-Poster competition on Corona virus pandemic Prevention and impact on the villages on 27/4/2020 by UBA, BBAU

xi. Organised awareness campaign at office of BDO, sarojini nagar with 5 adopted villages pradhans reg. covid-19 problems and impact on 26th April 2020

7. Members/ Fellowship of Professional/Academic bodies/Editorial Board:

Prof. Shilpi Verma

i. Head, Department of Library & Information Science , BBAU, Lucknow since Oct. 2019

ii. Chairperson, Board of Post Graduate Studies since 2019

iii. Chairperson, Departmental Research Committee since 2019

iv. Chairperson, Committee for Basic Facilities of Women, Since Feb 2018

v. Chairperson, Gender Champions Committee

vi. Coordinator, Deptt. of Hindi, BBAU, Lucknow in 2017

vii. Co-coordinator, Foundation courses Cell since 2018

viii. Convener MHRD Prog. "Ek Bharat Shreshta Bharat Programme"

ix. Coordinator, Information & Guidance Bureau since 2013 to 2019

x. Co-coordinator, MHRD Prog. "Unnat Bharat Abhiyan" (UBA 2.0)

xi. Sports Coordinator from 2007 to 2009

xii. Founder Coordinator of Deptt. of Human, Development & Family Studies, BBAU, Lucknow from 2007 to 2008

xiii. Executive member of ITALIS since 2020

xiv. President of BBAU Alumni Association since 2021

xv. Member of University IQAC committee since 2021

xvi. Chairperson, Azadi ka Amrit Mahotsav since March 2021

xvii. Member, Secretary of Steering committee for NAAC since 2019

xviii. Member, School Board of Information Science & Technology since 2013

xix. Member, Academic Council Since 2017

xx. Member, OBC Cell since 2020

xxi. Member, OBC, Advisory Committee since 2021

xxii. Assistant Proctor & Member of Anti Ragging Committee & Anti Ragging Cell of the University since July 2019

xxiii. Life Membership of Indian Library Association (ILA) (Membership no. CL-9677)

xxiv. Life Membership of Indian Association of Special Libraries and Information Centres (IASLIC)

xxv. Life Member of Indian Association of Teachers of Libraries & Information Science (IATLIS)

xxvi. Life Member of Society for Conservation of Wildlife

xxvii. Life Member of Zoological Society of India, (Membership No. S-222(LB)

xxviii. Life Member of Blue Planet Society, Allahabad

xxix. Life Member of Samagra Vikas Welfare Society(SVWS), Lucknow

xxx. Life Member of GESA, New Delhi

Prof. K. L. Mahawar:-

i. Member, Academic council, Babasaheb Bhimrao Ambedkar University, Lucknow

ii. Member, Board of Governors, Uttar Pradesh Textile Technology Institute, Kanpur.

iii. Member, Board of Post Graduate Studies, Department of Library and Information Science, BBAU, Lucknow

iv. Member, School Board, School for Information Science and Technology, BBAU, Lucknow

v. Member, Board of Post Graduate Studies, Department of Mass Communication and Journalism, BBAU, Lucknow

vi. Member, Board of Post Graduate Studies, Department of Education, BBAU, Lucknow

vii. Member, Library Advisory Committee, Gautam Buddha Library, BBAU, Lucknow

viii. Member, Board of Studies, Department of Library and Information Science, Bundelkhand University, Jhansi.

ix. Member, Board of Studies, Department of Library and Information Science, Jiwaji University, Gwalior

x. Member, Board of Studies, Department of Library and Information Science, Veer Bahadur Singh Purvanchal University, Jaunpur

xi. Member, Board of Studies in Library and Information Science, Khwaja Moinuddin Chishti

Language University, Lucknow

xii. Member, Editorial board, ISST Journal of Advances in Librarianship published by Intellectual Society for Socio-Techno Welfare.

xiii. Indian Library Association (ILA) : Life Member

xiv. Indian Association of Special Libraries and Information Centres (IASLIC) Life Member

xv. Indian Association of Teachers of Library and Information Science (IATLIS) Life Member

Prof. M. P. Singh:

i. Life Member, Indian Library Association (ILA)

ii. Life Member, Indian Association of Special Libraries and Information Centers (IASLIC)

iii. Life Member, Society for the Advancement of Library and Information Science (SALIS)

iv. Life Member, Indian Association of Teachers in Library and Information Science (IATLIS)

v. Member, Special Library Association (SLA) Asian Chapter (Membership No. 83689)

Dr. S. K. Sonkar :

i. Life time membership of ILA

ii. Life time membership of IATLIS

iii. Life time membership of IASLIC.

iv. Member , Board of Post Graduate Studies (BPGS), BBAU,Lucknow

v. Member, School Board, School for Science and Information Technology, BBAU, Lucknow

Dr. Vinit Kumar:-

i. Life time member of Indian Association of Special Libraries and Information Centres (IASLIC), Kolkata.

ii. Life time member of Indian Association of Teachers in Library and Information Science (IATLIS), Patiala.

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

Prof. Shilpi Verma:-

Book Authored:

i. Nilesh Kumar & **Shilpi Verma (2020).** Content Analysis of University Library Websites of India. LAMBERT Academic Publishing, Germany ISBN: 978-6200456458

ii. Prof. Shilpi Verma & Dr. Gulab Devi **(2021).** Health Literacy Among Rural Women in Madhya Pradesh. Devyani Publishers and Distributors, New Delhi, ISBN: 9788191076486

Edited Book:-

R.C. Sobti, K. Rama, Kamal Jaiswal, Shilpi Verma, Vipin Sobti (2021). Uchch Shiksha ke Samkaleen Sandarbh. Punjab University, Chandigarh, ISBN: 8185322899

Prof. M. P. Singh:-

Singh, M. P., Jain, P.K., & Debal, C.K. (2020). *Empowering Libraries with Emerging Technologies for Common Sustainable Future.* New Delhi: Variety Books Publisher's Distributors. ISBN: 978-93-81156-69-8

9. Details of Book Chapters in edited volume

i. Verma, Shilpi (2021). Preference and Usage of Print Vs Electronic Resources among Research Scholars of BBAU: A Case Study. Applying Mobile Technologies in Transformation of Library Services. (Chapter Accepted- On print)

ii. Verma, Shilpi (2021). Impact of Digital Era on Libraries. Knowledge Technology and Higher Education ed. By R.C. Sobti et. al.

iii. Verma, Shilpi and Sobti, R. C. (2021). Women, Education and Empowerment in India. Knowledge Technology and Higher Education ed. By R.C. Sobti et. al.

iv. Lakra, Bipin and **Verma, Shilpi (2021).** Transformation of academic libraries in digital age. Transitions and Transformations in Academic Libraries and Higher Education. Ed. Shiva Kanaujia Shukla and P. K. Jain et. al. ISBN: 9789387698871

v. Sonkar, S.K. (2020) Open access learning resources in Higher education: An Overview. Higher education during Covid 10 pandemic: impact on teaching and learning. Disha International publishing house.

vi. Dr Vinit Kumar coedited book "Technological Innovations and Environmental Changes in Modern Libraries" published by Shree Publishers, New Delhi.

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

International Journal:

i. Kanojia, Neha and Verma, Shilpi (2021). Exploring the Researcher' Perception and Adoption Technique of Open Access Journals in Central University Libraries of North India: A Survey in Library Philosophy and Practice (e-journal). Issue Aug. 2021 (ISSN-1522-0222) SNIP: 1.399 SJR: 0.22 H Index: 17, IF: 0.43, Scopus indexed

ii. Rai, Poorvi and Verma, Shilpi (2021). Analysis of Central Universities Library Webpages in Uttar Pradesh: A Evaluation Study in Library Philosophy and Practice (e-journal). Issue June. 2021 (ISSN-1522-0222) SNIP: 1.399 SJR: 0.22 H Index: 17, IF: 0.43, Scopus indexed

iii. Shah, Pratibha and Verma, Shilpi (2020). Website Accessibility Evaluation of National Institutes under the DEPWD Ministry of Social Justice & Empowerment in Library Philosophy and Practice (e-journal). Issue Dec., 2020 (ISSN-1522-0222) SNIP: 1.399 SJR: 0.22 H Index: 17, IF: 0.43, Scopus indexed

iv. Devi, Gulab and Verma, Shilpi (2020). Status of health literacy among rural women to Community Health Centre of Sagar Region: A Survey in Indian Journal of Public Health Research & Development. Vol 11. Issue 4, April 2020 ISSN-09765506 Pp.573-577

v. Avinash Kumar Singh and Prof. K. L. Mahawar (2020). Online studies with YouTube. Library Progress (International). Volume 40, Issue 2, pp. 1-11.

vi. Omprkash Kumar Jigyshu and Prof. K. L. Mahawar (2020). Satisfaction Level of Web Based Services Among Library and Information Science Research Scholars of Banaras Hindu University, Varanasi, Uttar Pradesh. GIS Science Journal. Volume 7, Issue 10, pp. 689-696.

vii. Singh, M.P. & Rai, S. (2021). Knowledge, Awareness And Attitude Towards Academic Integrity Among The Scholarly Society Of Babasaheb Bhimrao Ambedkar University, Lucknow: A Study. Library Philosophy and Practice (e- journal). https://digitalcommons.unl.edu/libphilprac/5038/ (ISSN- 1522-0222) IF: 0.43, Scopus indexed

viii. Singh, M. P. & Dixit, S. (2021). Sustainable Strategies Towards Green Libraries: A Study Of State University Libraries of Lucknow, Uttar Pradesh. Library Philosophy and Practice (e-journal). https://digitalcommons.unl.edu/libphilprac/4968/ (ISSN: 1522-0222) IF: 0.43, Scopus indexed

ix. Singh, M. P. & Bharati, V. K. (2020). Indian Contribution on Antibiotic Resistance: A

Bibliometric Mapping and Visualization. Library Philosophy and Practice (e-journal). 4095. https://digitalcommons.unl.edu/libphilprac/4095 (ISSN: 1522-0222) IF: 0.43, Scopus indexed

x. Singh, M. P. & Bharati, V. K. (2020). Mapping and Visualization of Plagiarism Research. SRELS Journal of Information Management, 57(4) https://doi.org/10.17821/srels/2020/v57i4/150863 (ISSN: 0976-2477) IF: 0.94

xi. Bharati, V.K. & Singh, M. P. (2020). Global Research Productivity on Coronavirus: A Bibliometric Mapping and Visualization. Library Philosophy and Practice (e- journal). 4061. https://digitalcommons.unl.edu/libphilprac/4061 (ISSN-1522-0222) IF: 0.43, Scopus indexed

xii. Singh, M.P., & Kushawaha, P. P. (2020). An Assessment of Information Communication Technology Skills and Competencies of Library and Information Science Professionals Working in Eastern State University Libraries, Uttar Pradesh: a study. World Digital Libraries, 13(2), 77–86.

xiii. Singh, M.P., & Kushawaha, P. P. (2020). E-Library Resources and Services to Enhance the Scholarly Productivities among Researchers and Faculties Members of the Central University Libraries in Uttar Pradesh State, India: An Analytical Study. Journal of Information Management, 7(2), 125-132. Peer Reviewed

xiv. Srivastava, P., Sonkar, S. K. and Singh R. (2021).A Bibliometric assessment of India's Library and information science Research publications during 2011-2020. Library Philosophy and Practice (e- journal).

xv. Sonkar, S. K., Kushwaha, A.K. and Sharma, R. (2021).Bibliometric study of the Ph.D. theses in Library and Information science of Babasaheb Bhimrao Ambedkar University, Lucknow. Library Philosophy and Practice (e- journal).

xvi. Aslam, S., Sonkar, S. K. and Owan, V.J. (2021). Changes in Teaching and Learning in Higher Education during Covid-19 Lockdown: A Study of LIS Students in India. Library Philosophy and Practice (e- journal)

xvii. Sonkar, S. K. (2020). Library and Information Science Research in India: A bibliometric assessment of Publications Output during 2014-18. Library Philosophy and Practice (e-journal).

xviii. Neha Lata and Sonkar, S. K. (2020). Impact of ICT on Learning Activities of User by Academic Library Services: A Literature Review. Library Philosophy and Practice (e- journal).

xix. Kumar, Vinit, Balaji B., Preedip and Monika(2021), "Correlates of the national ranking of higher education institutions and funding of academic libraries: An empirical analysis", The Journal of Academic Librarianship, Vol 47(1). DOI: https://doi.org/10.1016/j.acalib.2020.102264

xx. Pandey, Rahul and Kumar, Vinit(2020), "Exploring the Impediments to Digitization and Digital Preservation of Cultural Heritage Resources: A Selective Review", Preservation, Digital Technology & Culture, Vol 49(1), p. 26-37.(ISSN: 2195-2965)

National Journal:

i. Verma, Rekha and Verma, Shilpi (2020). Sangrah Vikas: Pustakalaypeshewarkeliyekathanaiya aur samadhan.Radha Kamal Mukherjee: Chintan Parampara Vol 2. December 2020, ISSN 0974-0074, Pp. 98-105

ii. Kanojia, Neha and Verma, Shilpi (2020). Gautam Buddha KendriyaPustakalyupyogkartao ki digital library ke mahtav par avdharna.Radha Kamal Mukherjee: Chintan Parampara Vol 2. December 2020, ISSN 0974-0074, PP. 172-177

iii. Kanojia, Neha and Verma, Shilpi (2020). Gautam Buddha KendriyaPustakalaykeupyogkartao ki open access journal par avdharna: A Survey.Radha Kamal Mukherjee: Chintan Parampara

Vol 1. June 2020, ISSN 0974-0074, PP. 62-68

iv. Uttkarsh and Sonkar, S. K. (2021). Web Impact Factor of Knowledge Resources Heritage of India. SRELS Journal of Information Management,pp.49-57

v. Uttkarsh and Sonkar, S. K. (2020). Knowledge Resources Heritage of India: A Webometric Analysis. International Journal of Library and Information Studies. pp.98-107

vi. Rishi Kumar and Sonkar, S. K. (2021). User perception and satisfaction on collection and services in AIIMS patina and AIIMS Bhubaneswar libraries: a comparative study. Sodhsanchar.

vii. Neha Lata and Sonkar, S. K. (2020). Use and Awareness of NPTEL among Engineering Students of UIET, Babasaheb Bhimrao Ambedkar University, Lucknow (India): A Study. International Journal of Library and Information Studies,pp.68-76.

11. Papers Published in International Conference Proceedings:

Rai, S. & **Singh, M.P.** (2020). Plagiarism and How to avoid it in Higher Education Institutions. *International Conference on Digital Learning & Innovations in Libraries, India.* ISBN: 978-81-941125-1-8

12. Attended/Participated in Conference /seminar/workshop inside Country:-

Prof. Shilpi Verma:-

i. National Webinar on New Education Policy 2020: A step towards holistic and multidisciplinary education org by Govt Degree College, Haripur Nihastha, Raibareli on 2nd sep 2020

ii. National Webinar organized by Central Library & IQAC, Maynaguri College, Jaipaiguri, West Bengal on 12th sep 2020

iii. One week(8-14 aug 20) S R Ranganathan Online Lecture Series on Research Methodology and emerging Technologies in Managing Libraries, online teaching-Learning and research organized by DLIS, Aasam University, Silchar on 12th aug 2020.

iv. National Webinar on Role of Libraries in Online Teaching and Learning organized by Govt. Degree College, Haripur Nihastha, Raibareli on 26th Jun 2020

v. Webinar on Digital Transformation of Libraries during COVID-19 pandemic: How to Overcome Challenges" orgnaised by Netaji Subahsh Chandra Bose Government Girls P G College, Aligang, Lucknow on 8th June 2020

vi. Webinar on " Role of Libraries and LIS Professionals during Pandemic Period organized by DLIS, University of Jammu & IIT, Jammu on 6th June 2020

Prof. K. L. Mahawar:-

Prof. K. L. Mahawar attended webinar on "Role of Libraries and e-Resources in New Education Policy" National Webinar organized by Govt. Girls' P. G. College, Ujjain on 11/01/2021.

Dr. S. K. Sonkar:-

i. Attended five days FDP on Data analytics in Business Research at BBAU, Lucknow from 29/01/2021 to 02/02/2021.

ii. Attended Five days National Webinar on "Reinventing Library and Information Services to

iii. meet the Emergencies & Exigencies" organized by Association of Agricultural Librarians and Documentalists of India (AALDI). 13-17 May, 2020

iv. Attended Webinar on Library & Information Science Professional Growth organised by Society for Library Professionals (SLP) on on 9th May 2020.

v. Attended 5th webinar embracing the future: transitions in higher education organised by ILA and Haryana Library association & association of Indian law libraries on May 16, 2020.

vi. Attended Webinar on status & reforms in library and information science education in India organised by DLIS, Dr. Bhimrao Ambedkar University Agra on 28th May 2020.

vii. Attended 6th webinar on impact of Covid 109 on academic and societal life: role of social media organised by ILA and kalyan Karnataka library association on May 20, 2020.

viii. International virtual summit on Re-envisioning Library and Information Science Education: Present status and future trends Organized by Department of Library and Information Science, Aligarh Muslim University, Aligarh, India in collaboration with Telangana Library Association, Hyderabad, India on 26th September 2020

ix. Participated in the Panel Discussion on Copyright Issues in Online Teaching and Learning organized by the Internship and Placement Committee, Dr Ram Manohar Lohiya National Law University as part of the National Webinar Series Programme-2020, on May 24, 2020

x. Attended 1st webinar on Best practice and innovative services during national lockdown: trends, issues and challenges for academic institution and libraries organised by Association of Indian law libraries and ILA on May 10, 2020.

xi. Attended 12th Webinar on Academic Libraries and National Education Policy organized by Indian Library Association and IFLA-Asia and Oceania on May 29, 2020

xii. Attended national webinar on management of e-resources in libraries organised by TSLA with knimbus Digital library platform on Sunday 27th June 2021.

xiii. participated in the National Webinar on "Information Literacy to Fight Epidemics" organised by the Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 22nd May 2020

Dr. Vinit Kumar:-

Dr Vinit Kumar participated in the LD4 Conference 2020 organised by Stanford Libraries from 6th July 2020 to 31st July 2020 through online mode.

Mr. Somipam R. Shimray:-

i. Attended a webinar on "**Learn from a Cell Press Editor: How to publish in and optimize resources for ground breaking journals**" organized by Elsevier on Thursday 25 February, 2021.

ii. Attended a webinar on "**Strengthening Research Planning using Elsevier Tools-Scopus & Science Direct**" jointly organized by Pondicherry University & Elsevier on Wednesday 26 August, 2020.

iii. Attended a webinar on "**Copyright Issues in Digital Era**" organized by Balani Infotech Pvt. Ltd. on 10th September 2020.

iv. Attended a workshop on "**Ethics in Research**" organized by Pondicherry University during 6-9 July, 2020.

v. Attended a webinar on "**Librarianship: New Skills Required Based on Current Times"** organized by Balani Infotech Pvt. Ltd. on 13th August 2020.

vi. Attended a webinar on "**Publishing Impactful Articles**" organize by Emerald Publishing on 5th November 2020.

13. Attendant Participated in Conference/Seminar/Workshop outside Country:-

Verma, Shilpi 2020 participated in international webinar on COVID-19 and Environmental Linkages orgnaised by DES, BBAU on 25th june 2020

14. Detail of invited lecture inside Country:-

Prof. Shilpi Verma:-

1. Verma, Shilpi (2021) has delivered a talk on **"MOOCs : New dimension of Education** " one week Short term course on MOOC s from 23rd Feb, to 1st March,2021 organised by UGC-HRDC, Jadavpur from on 1st March, 2021 From 10-30 A.M to 12 Noon
2. Verma, Shilpi (2021) has delivered a talk on **" Library 2.0 : Application in Libraries and Information Centers"** on 18th Feb in Ist Session on 18th Feb 2021 in Refresher Course in Library & Information Science from 11th to 24th Feb 2021 on Recent Trends in Librarianship organized by HRDC, Savitribai Phule University, Pune .
3. Verma, Shilpi (2021) has delivered a talk on **"Libraries as a Social hub : Rethinking roles, Rethinking Spaces "** on 18th Feb in IInd Session on 18th Feb 2021 in Refresher Course in Library & Information Science from 11th to 24th Feb 2021 on Recent Trends in Librarianship organized by HRDC, Savitribai Phule University, Pune
4. Verma, Shilpi (2020) has delivered a talk on **National Education Policy 2020: A Way forward to holistic and multidisciplinary learning** on 2nd sep 2020 in a National Webinar on New Education Policy 2020: A step towards holistic and multidisciplinary education org by Govt Degree College, Haripur Nihastha, Raibareli
5. Verma, Shilpi (2020) has delivered a talk **on Lib 2.0 and its implications in the Libraries** on 29th aug 2020 in two weeks Refresher Course in Library & Information Science (24th aug to 5th sep 2020) organized by HRDS, Rajasthan University, Jaipur
6. Verma, Shilpi (2020) delivered a talk **on Transformation of Libraries during pandemic** in National Webinar organized by Central Library & IQAC, Maynaguri College, Jaipaiguri, West Bengal on 12th sep 2020
7. Verma, Shilpi (2020) delivered a talk **on "Atma Nirbhar Bharat: Rastra Vikas mein Chatro ki Bhoomika"** in prog organized by NCC, BBAU on Atma Nirbhar Bharat on 14 Aug 2020.
8. Verma, Shilpi (2020) delivered a talk on **Role of Social Media in Higher Education & Research** in One week(8-14 aug 20) S R Ranganathan Online Lecture Series on Research Methodology and emerging Technologies in Managing Libraries, online teaching-Learning and research organized by DLIS, Aasam University, Silchar on 12th aug 2020.
9. Verma, Shilpi (2020) delivered a talk on **" Use of Social Media for Education & Research"** in 30th Orientation prog. Organized by HRDC, Mizoram University, Aizwal on 4th aug 2020
10. Verma, Shilpi (2020) delivered a talk on **" E-learning and Libraries"** in the National Webinar on Role of Libraries in Online Teaching and Learning organized by Govt. Degree College, Haripur Nihastha, Raibareli on 26th Jun 2020
11. Verma, Shilpi (2020) has briefed the **theme** of the National Webinar as a organizing director of the **National Webinar on Voices of Gender Equality in India's Intellectual Tradition** organized on 15th June 2020 organized by Committee of Basic Facilities for Women.
12. Verma, Shilpi (2020) has delivered a talk on " **Digital transformation of Libraries during COVID-19** in Webinar on Digital Transformation of Libraries during COVID-19 pandemic: How to Overcome Challenges" orgnaised by Netaji Subahsh Chandra Bose Government Girls P G College, Aligang, Lucknow on 8th June 2020
13. Verma, Shilpi (2020) has delivered a talk on**" Libraries as social Hub: Reaching out to all"** in Webinar on " Role of Libraries and LIS Professionals during Pandemic Period organized by DLIS, University of Jammu & IIT, Jammu on 6th June 2020
14. Verma, Shilpi (2020) has delivered a talk on**" Libraries, Sustainability and Pandemic"** on 5th June in Global Web Conference on Pandemic CoVID-19, Global Impact on environment and Sustainable Development (PESD 2020) organized by GESA and DDU Govt. PG College, Saidabad, Prayagraj from 5th to 6th June 2020

15. Verma Shilpi (2020) has delivered a talk on **" Professional Ethics"** as Speaker on 3rd June 2020 in Webinar on Line Lecture series from 21.5.2020 to 6th. 6.2020 on the topic Library & Information Science in the context of changing environment organized by DLIS, Mahatma Gandhi Central university, Motihari, Bihar.
16. Verma Shilpi (2020) has briefed the **theme** of the webinar as organizing director of the National Webinar on **" Information Literacy to fight Epidemic"** on 22 May 2020 organized by DLIS, BBAU, Lucknow
17. Verma Shilpi (2020) has delivered a talk on BBAUsocial media Facebook Live Lecture Series on **Libraries as Cultural Heritage Institutions** on 23rd May 2020 http://m.facebook.com/story.php?story_fbid=9071654755423&id=110635350317418
18. Verma Shilpi (2020) has delivered a talk on **" Use of Web 2.0 Technologies in teaching and learning** on facebook live lecture series of Shodh awadh page on 16 May 2020 http://www.facebook.com/shodhawadhprant/

Prof. M. P. Singh:-

i. Delivered an Invited talk in one- day workshop for National meet on promotion of reading habit in school children digital era, organized by Regional Institute of Education (RIE), NCERT, Bhopal, held on 18th December, 2020.
ii. Delivered an Invited talk on National Webinar under topic "Effective Use of Open Access E- Resources for Learners" Organized by Central Library, Government P.G. (Lead) College, Sheopur (M.P.) on 30th January, 2021.
iii. Delivered an Invited talk on panel discussion at the MPLS Webinar Series (Panel Discussion) under the theme Academic Publishing: Excellence in Research and Role of the Librarians held on 10th May, 2020.
iv. Delivered an Invited talk under the Webinar series on COVID-19 response of "Libraries on the topic Library and Information Science Professionals: Challenges and Opportunities in Changing Environment", organized by the Society for Promotion of Library Professionals (SPLP), Uttarakhand on 1st June, 2020.
v. Delivered an Invited Lecture in National Webinar on "Open Educational Resources for Users in Changing Environment "organized by MVV, BHU, Varanasi held on 10th June, 2020.By: Mahila Mahavidyalaya Banaras Hindu University Varanasi -221005 on 10th June 2020.
vi. Delivered an Invited Lecture in National Webinar "How to Improve the Reading Habits among Users/ Teachers /Students" On Readers Day Organized By: Dept. of Library & Inf. Science & Covid-19 Student Help Cell, G.F. College, Shahjahanpur, U.P. on 19th June 2020.
vii. Delivered an Invited Lecture Entitled" The Role of Libraries in Changing Scenario" in National Webinar Organized by: Pt. Deen dayal Upadhyay Govt. PG College, Lucknow on 26th June 2020.

Dr. S. K. Sonkar:-

i. Invited talk on Mendeley. National level assignment Based workshop on Mendeley. Department of Human Development and Family Studies, College of Community Science, Assam Agricultural University in collaboration with Exigencias youth foundation and The Directorate of Post Graduate studies, Assam Agricultural University Assam, during 18th Jan to 25 Jan 2021.
ii. Open Source Library Management System (KOHA). Online National Level Training Programme on the topic "Open Source Library Management System (KOHA) & Agricultural Knowledge Management". ICAR-Indian Veterinary Research Institute, Izatnagar during 22nd & 23rd March, 2021

iii. Invited talk on Google Classroom. National Workshop on E-learning and teaching : Tools and techniques organised by Dr. Shyama Prasad Mukherjee, Govt. degree College, Bhadohi, U.P. During 28-30th June 2020.
iv. Invited talk on Digital Libraries. International Faculty Development Programme on virtual library and e-content. Organised by Department of English, kalasalingam academy of research and education, krishnankoil tamilnadu India, ELTAI, Shimla chapter, cape comorin trust, India & lavender literacy club, India from 01-07,October 2020.
v. Invited talk on Role of Libraries in changing scenario. National Webinar on Role of Libraries in present Scenario. Department of Library and information Science, Government Autonomous Girls PG College of Excellence with collaboration of Young Librarian Association on 25th August 2020.
vi. Invited talk on Role of Open Educational Resources in Higher Education during covid-19 organised by Organised by Pt. kamlapati Tripathi rajkiy PG College Chandauli UP GOVT 21st June 2020
vii. Invited talk on Open Access Educational Resources. National Webinar on impact of Covid-19 on Teaching and Learning. Ornagised by The Arya Kanya Degree College, Prayagraj, Uttar Pradesh.

Dr. Vinit Kumar:-

i. **Dr Vinit Kumar** delivered two invited talks as a resource person on "Ethical aspects of science and social science research" and "Selecting a target journal for publication" in Pre-Phd Course work by UGC-Human Resource Development Center, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 23rd January 2021.
ii. **Dr Vinit Kumar** delivered an invited talk on "Content Enrichment of Institutional Repository Records Consuming Linked Data" in LD4 Conference 2020 organised by Stanford Libraries on 31st July 2020.
iii. **Dr Vinit Kumar** delivered an invited talk on "Open Access in Scholarly Communication: Recent Trends" in the National Web-conference on Future of Libraries in Digital Environment – Challenges and Opportunities for Librarianship in Post COVID Era organized by Chhattisgarh Library & Information Science Network CLISNET on 13th Aug 2020.
iv. **Dr Vinit Kumar** delivered an invited talk on the topic "Selecting Web Scale Discovery Service: Points to consider" in the National Webinar on Selecting Web Scale Discovery Service organized by Janata College Kabuganj, Assam on 10th August 2020.
v. **Dr Vinit Kumar** delivered an invited talk on "Digital Tools and Services for Teaching and Research: A Practical Approach" at the web lecture series (Session II) on "E-learning, Online Teaching, and Electronic Devices: Practical Approaches" organized by the Central Library, Department of English and Internal Quality Assurance Cell, DR. B.R. Ambedkar College, Betai, Nadia, WB, India on 10th of July, 2020.
vi. **Dr Vinit Kumar** delivered an invited talk on "Research Ethics" and "Reference Management" in the UGC-STRIDE sponsored Research Capacity Building and Human Resource Development Programme during 24th April and 1st May 2020.

15. Details of National Awards/Fellowship:

Dr. S. K. Sonkar:-

Received Research and Academic excellence Award 2020-21 by Hon'ble Vice chancellor Babasaheb Bhimrao Ambedkar University, Lucknow on 26 Jan 2021.

16. 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.

17. Students Achievements:-

i. Faculty wise supervision of the Ph. D and M. Phil. Student/Dissertation and thesis submission/degree awarded:-

a. **Prof. Shilpi Verma**

Ph.D. : Pursuing- 08 Awarded- 01
M. Phil : Pursuing-01 Awarded-00

b. Prof. K. L. Mahawar

Ph.D. : Pursuing-07 Awarded-00
M.Phil. : Pursuing-02 Awarded-00

c. Prof. M. P. Singh

Ph.D. : Pursuing-08 Awarded-01
M.Phil. : Pursuing-02 Awarded-00

d. Dr. S. K. Sonkar

Ph.D. : Pursuing- 05 Awarded-00
M.Phil : Pursuing-01 Awarded-01

e. Dr. Vinit Kumar

Ph.D. : Pursuing- 04 Submitted-01
M. Phil : Pursuing-00 Awarded-01

ii. Number of student completed their Master/Graduation/Diploma….

- BLIS- 29
- MLIS- 31
- M.Phil- 02

iii. Number of student pursuing higher education

BLIS to MLIS - 23
MLIS to M.Phil - 01
M.Phil to Ph.D - 03

iv. Number of student awarded SLET/NET/JRF/any other fellowshi

- UGC-NFOBC-01
- UGC-NFSC-02
- UGC-JRF-02
- UGC-Net-04

18. Google Profile of the Faculty members:-

i. Prof. M. P. Singh

	All	Since 2016
Citations	76	69
h-index	5	5
i10-index	1	1

ii. Dr. S. K. Sonkar:-

	All	Since 2016
Citations	229	174
h-index	9	7
i10-index	8	5

iii. Dr. Vinit Kumar

	All	Since 2016
Citations	105	68
h-index	5	4
i10-index	2	2

iv. Mr. Somipam R. Shimray

	All	Since 2016
Citations	89	86
h-index	4	4
5967830184i10-index	2	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 in order to make the Department fully Wi-Fi.

The final semester students are motivated to develop real time projects in reputed organizations. Seminars and group discussions are a regular feature of Department of Information Technology. Course curriculum of M. Sc. (Information Technology), has been prepared on consultation with the industry professional and practitioners. The Department has well qualified faculty members having live interaction and collaboration with other National and International institutions. They all are actively engaged in R&D activities. Department has executed 06 Major Research Project funded by UGC, and CSTUP. At present, 02 Major Research Project has been sanctioned to the Department funded by UGC, DST and UPCST.

The Department aims to promote modern area of Information Technology to the highest level of excellence. The environment in the Department is highly conducive for building of solid foundation of knowledge, hands-on experience, development of personality, creativity and motivation to keep students and faculty members abreast with the latest development in the field of Information Technology. In addition to the academic development, proper attention is also given towards the personal development of students in co-curricular activities.

1. Course Offered:

i. M.Sc. (Information Technology)
ii. M.Tech. (Software Engineering)
iii. M.Sc. Cyber Security (Evening)
iv. Ph.D. (Information Technology)

2. Facilities available in the department:

i. Computer Lab
ii. Smart Classroom
iii. Departmental Library
iv. Research Lab
v. Server Room

3. Details of Faculty:

i. Prof. R.A. Khan

- **Professor & Head, DIT**
- **Specialization:** Software Quality Estimation, Software Testing, Software Security.
- **Qualification:** MCA. Ph.D

ii. Dr. Dhirendra Pandey

- Associate Professor
- **Specialization:** Software Engineering, Requirement Engineering.
- Qualification: M.Sc. (Computer Sc.), M.Phil. (Computer Sc.) Ph.D. (Computer Sc.),
- JRF- NET

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.

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

Prof. Raees Ahmad Khan & Dr. Alka

Limitations and Future Applications of Quantum Cryptography. Information Science Reference, 2020.

Dr. Pawan Kumar Chaurasia

Book Editor, Emerging Trends in Information Technology, ISBN 9789352130269, Shroff Publishers & Distributors Pvt. Ltd (SPD), Mumbai.

5. Details of Book Chapter in edited volume:

Prof. R. A. Khan

i. Kumar, Rajeev, Raees Ahmad Khan, Abhishek Kumar Pandey, AshutoshTripathi, and Alka Agrawal. “1 Selecting and assessing the importance of malware analysis methods for web-based biomedical services through fuzzy-based decision-making procedure.” In Nature-Inspired Optimization Algorithms, pp. 1-18. De Gruyter, 2021.

ii. Kaur, Jasleen, RichaVerma, Nawaf Rasheed Alharbe, Alka Agrawal, and Raees Ahmad Khan. “Importance of Fog Computing in Healthcare 4.0.” In Fog Computing for Healthcare 4.0 Environments, pp. 79-101. Springer, Cham, 2021.

Dr. Raj Shree

S.No.	Title	Author's Name	Publisher	Year of Publication
1	Blockchain-Based e-Healthcare Monitoring System using Internet of Healthcare Things (IoHT) (Accepted for Publication)	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey Vivek Shukla, Karmveer Arya	IGI Global	2021
2	An Overview of Emerging Updates in Blockchain Technology: Analysis and Recommendations (Accepted for Publication)	Champa Joshi, Karmveer Arya, Ashwani Kant Shukla, Raj Shree, Ravi Prakash Pandey, Vivek Shukla, Manoj Kumar Dhadwal	Taylor and Francis	2021
3	Linux & FOSS for Cyber Security	Raj Shree, Ravi Prakash Pandey	Weser Books (Germany)	2020

DR. Pawan Kumar Chaurasia

- Pawan Kumar Chaurasia, R A Khan (2019): "Improving Reliability of Object Oriented Design",Verlag/Publisher, Scholar Press Deutschland, GERMANY(ISBN: 978-613-8-52436-6).

Dr. Alka

i. Kumar, Rajeev, Raees Ahmad Khan, Abhishek Kumar Pandey, AshutoshTripathi, and Alka Agrawal. "1 Selecting and assessing the importance of malware analysis methods for web-based biomedical services through fuzzy-based decision-making procedure." In Nature-Inspired Optimization Algorithms, pp. 1-18. De Gruyter, 2021.

ii. Kaur, Jasleen, RichaVerma, Nawaf Rasheed Alharbe, Alka Agrawal, and Raees Ahmad Khan. "Importance of Fog Computing in Healthcare 4.0." In Fog Computing for Healthcare 4.0 Environments, pp. 79-101. Springer, Cham, 2021.

6. Paper published during the year by the faculty members:

Prof. R. A. Khan

i. Alharbi, Abdullah, MohdFaizan, WaelAlosaimi, Hashem Alyami, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Exploring the topological properties of the tor dark web." *IEEE Access* 9 (2021): 21746-21758.

ii. Kumar, Rajeev, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Alka Agrawal, and Raees Ahmad Khan. "A hybrid fuzzy rule-based multi-criteria framework for sustainable-security assessment of web application." *Ain Shams Engineering Journal* 12, no. 2 (2021): 2227-2240.

iii. Attaallah, Abdulaziz, Abdullah Algarni, and Raees Ahmad Khan. "Managing Security-Risks for Improving Security-Durability of Institutional Web-Applications: Design Perspective." *CMC-COMPUTERS MATERIALS & CONTINUA* 66, no. 2 (2021): 1849-1865.

iv. Alenezi, Mamdouh, Abhishek Kumar Pandey, RichaVerma, MohdFaizan, Shalini Chandra, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the Impact of Software Security Tactics: A Design Perspective." *CMC-COMPUTERS MATERIALS & CONTINUA* 66, no. 3 (2021): 2283-2299.

v. Zarour, Mohammad, MdTarique Jamal Ansari, MamdouhAlenezi, Amal Krishna Sarkar, MohdFaizan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the impact of blockchain models for secure and trustworthy electronic healthcare records." *IEEE Access* 8 (2020): 157959-157973.

vi. Agrawal, Alka, Abhishek Kumar Pandey, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the security impact of healthcare Web applications through fuzzy based hybrid approach of multi-criteria decision-making analysis." *IEEE Access* 8 (2020): 135770-135783.

vii. Kaur, Jasleen, Asif Irshad Khan, Yoosef B. Abushark, MdMottahirAlam, Suhel Ahmad Khan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Security risk assessment of healthcare Web application through adaptive neuro-fuzzy inference system: A design perspective." *Risk Management and Healthcare Policy* 13 (2020): 355.

viii. Kumar, Rajeev, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Mohammed Baz, Alka Agrawal, and Raees Ahmad Khan. "A hybrid model of hesitant fuzzy decision-making analysis for estimating usable-security of software." *IEEE Access* 8 (2020): 72694-72712.

ix. Abushark, Yoosef B., Asif Irshad Khan, FawazJaberAlsolami, AbdulmohsenAlmalawi, MdMottahirAlam, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Usability Evaluation Through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective." *CMC-COMPUTERS MATERIALS & CONTINUA* 68, no. 1 (2021): 1203-1218.

x. Alharbi, Abdullah, MohdFaizan, WaelAlosaimi, Hashem Alyami, Mohd Nadeem, Suhel Ahmad Khan, Alka Agrawal, and Raees Ahmad Khan. "A Link Analysis Algorithm for Identification of Key Hidden Services." *CMC-COMPUTERS MATERIALS & CONTINUA* 68, no. 1 (2021): 877-886.

xi. A. Alzahrani, Fahad, Masood Ahmad, Mohd Nadeem, Rajeev Kumar, and Raees Ahmad Khan. "Integrity Assessment of Medical Devices for Improving Hospital Services." Computers, Materials & Continua 67, no. 3 (2021): 3619–3633. doi:10.32604/cmc.2021.014869.

INDEXED IN SCI/SCIE/ESCI/WEB of SCIENCE/SCOPUS AND Q2 QUARTILE:

i. Kumar, Rajeev, MdTarique Jamal Ansari, Abdullah Baz, HosamAlhakami, Alka Agrawal, and Raees Ahmad Khan. "A Multi-Perspective Benchmarking Framework for Estimating Usable-Security of Hospital Management System Software Based on Fuzzy Logic, ANP and TOPSIS Methods." KSII Transactions on Internet and Information Systems (TIIS) 15, no. 1 (2021): 240-263.

ii. Alhakami, Wajdi, Abdullah Baz, HosamAlhakami, Masood Ahmad, and Raees Ahmad Khan. "Healthcare Device Security: Insights and Implications." Intelligent Automation & Soft Computing 27, no. 2 (2021): 409–424.

iii. Alhakami, Wajdi, Ahmed Binmahfoudh, Abdullah Baz, HosamAlhakami, MdTarique Jamal Ansari, and Raees Ahmad Khan. "Atrocious Impinging of COVID-19 Pandemic on Software Development Industries." Computer Systems Science and Engineering 36, no. 2 (2021): 323–338.

iv. Attaallah, Abdulaziz, Masood Ahmad, MdTarique Jamal Ansari, Abhishek Kumar Pandey, Rajeev Kumar, and Raees Ahmad Khan. "Device Security Assessment of Internet of Healthcare Things." Intelligent Automation & Soft Computing 27, no. 2 (2021): 593–603.

v. Attaallah, Abdulaziz, Masood Ahmad, Adil Hussain Seh, AlkaAgrawal, Rajeev Kumar, and Raees Ahmad Khan. "Estimating the Impact of COVID-19 Pandemic on the Research Community in the Kingdom of Saudi Arabia." Computer Modeling in Engineering & Sciences 126, no. 1 (2021): 419–436.

vi. Alhakami, Wajdi, Abdullah Baz, HosamAlhakami, Abhishek Kumar Pandey, and Raees Ahmad Khan. "Symmetrical Model of Smart Healthcare Data Management: A Cybernetics Perspective." Symmetry 12, no. 12 (2020): 2089.

vii. Alenezi, Mamdouh, M. T. J. Ansari, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan.

"Fuzzy multi criteria decision analysis method for assessing security design tactics for Web applications." Int. J. Intell. Eng. Syst. 13, no. 5 (2020): 181-196.

viii. Kaur, Jasleen, Alka Agrawal, and Raees Ahmad Khan. "Security Issues in Fog Environment: A Systematic Literature Review." International Journal of Wireless Information Networks 27 (2020): 467-483.

ix. Algarni, Abdullah, Masood Ahmad, AbdulazizAttaallah, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "A hybrid fuzzy rule-based multi-criteria framework for security assessment of medical device software." International Journal of Intelligent Engineering and Systems 13, no. 5 (2020): 51-62.

x. Seh, Adil Hussain, Mohammad Zarour, MamdouhAlenezi, Amal Krishna Sarkar, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Healthcare data breaches: Insights and implications." In Healthcare, vol. 8, no. 2, p. 133. Multidisciplinary Digital Publishing Institute, 2020.

xi. Kumar, Rajeev, Abhishek Kumar Pandey, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Alka Agrawal, and Raees Ahmad Khan. "Fuzzy-based symmetrical multi-criteria decision-making procedure for evaluating the impact of harmful factors of healthcare information security." Symmetry 12, no. 4 (2020): 664.

xii. Agrawal, Alka, Adil Hussain Seh, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Mohammed Baz, Rajeev Kumar, and Raees Ahmad Khan. "Software security estimation using the hybrid fuzzy ANP-TOPSIS approach: design tactics perspective." Symmetry 12, no. 4 (2020): 598.

xiii. Kumar, Rajeev, Alka Agrawal, and Raees Ahmad Khan. "A wake-up call for data integrity invulnerability." Computer Fraud & Security 2020, no. 4 (2020): 14-19.

xiv. Alharbi, Abdullah, WaelAlosaimi, Hashem Alyami, Mohd Nadeem, MohdFaizan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Managing Software Security Risks through an Integrated Computational Method." Intelligent Automation & Soft Computing (IASC) 28, no. 1 (2021): 179-194.

xv. Alyami, Hashem, MohdFaizan, WaelAlosaimi, Abdullah Alharbi, Abhishek Kumar Pandey, MdTarique Jamal Ansari, Alka Agrawal, and Raees Ahmad Khan. "An Ensemble Approach to Identify Firearm Listing on Tor Hidden-Services." Comput. Syst. Sci. Eng. 38, no. 2 (2021): 141-149.

xvi. Ansari, MdTarique Jamal, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Rajeev Kumar, and Raees Ahmad Khan. "P-STORE: Extension of STORE methodology to elicit privacy requirements." Arabian Journal for Science and Engineering (2021): 1-24.

xvii. Baz, Mohammed, HosamAlhakami, Alka Agrawal, Abdullah Baz, and Raees Ahmad Khan. "Impact of covid-19 pandemic: A cybersecurity perspective." Intelligent Automation and Soft Computing 27, no. 3 (2021).

xviii. Alosaimi, Wael, Abdullah Alharbi, Hashem Alyami, Masood Ahmad, Abhishek Kumar Pandey, Rajeev Kumar, and Raees Ahmad Khan. "Impact of Tools and Techniques for Securing Consultancy Services." Comput. Syst. Sci. Eng. 37, no. 3 (2021): 347-360.

xix. Alosaimi, Wael, MdTarique Jamal Ansari, Abdullah Alharbi, Hashem Alyami, Adil Hussain Seh, Abhishek Kumar Pandey, Alka Agrawal, and Raees Ahmad Khan. "Evaluating the Impact of Different Symmetrical Models of Ambient Assisted Living Systems." Symmetry 13, no. 3 (2021): 450.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/SCOPUS AND Q3 QUARTILE:

i. Ansar, Syed Anas, Satish Kumar, MohdWaris Khan, Amitabha Yadav, and Raees Ahmad Khan. "Enhancement of Two-Tier ATM Security Mechanism: Towards Providing a Real-Time Solution for Network Issues." algorithms 11, no. 7 (2020).

ii. Kumar, Rajeev, MamdouhAlenezi, MdTarique Jamal Ansari, Bineet Kumar Gupta, Alka Agrawal, and Raees Ahmad Khan. "Evaluating the impact of malware analysis techniques for securing Web applications through a decision-making framework under fuzzy environment." International Journal of Intelligent Engineering and Systems 13, no. 6 (2020): 94-109.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/SCOPUS AND Q4 QUARTILE:

i. Kumar, Neeraj& Agrawal, Alka & Khan, Prof.Raees. (2021). Issues in IoT for Environmental Data Generation. Recent Advances in Computer Science and Communications. 14.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/ SCOPUS:

i. Sankhwar, Shweta, Dhirendra Pandey, Raees Ahmad Khan, and SachiNandanMohanty. "An anti-phishing enterprise environ model using feed-forward backpropagation and Levenberg-Marquardt method." Security and Privacy 4, no. 1 (2021): e132.

ii. Kumar, Neeraj, PareshGoyal, GayatriKapil, Alka Agrawal, and Raees Ahmad Khan. "Flood risk finder for IoT based mechanism using fuzzy logic." Materials Today: Proceedings (2020).

iii. Syed AnasAnsar , Jaya Yadav , Sujit Kumar Dwivedi , Ankur Pandey , Savarni Prakash Srivastava , Mohammad Ishrat, MohdWaris Khan , Dhirendra Pandey , Raees Ahmad Khan "A Critical Analysis of Fraud Cases on the Internet." Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12, no. 12 (2021): 2164-2186.

CONFERENCE:

i. Kaur, Jasleen, Alka Agrawal, and Raees Ahmad Khan. "Security Assessment in Foggy Era through Analytical Hierarchy Process." In 2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT), pp. 1-6. IEEE, 2020.

Dr. Dhirendra Pandey

i. Dhirendra Pandey, et. al., (2020) Revisiting Requirement Engineering Process, Vol. 9 Issue 1, pp. 46-54

ii. Dhirendra Pandey, et. al., (2020), Quantitative Analysis of Requirement Elicitation Techniques through FANP: Security Perspective, International Journal of Recent Technology and Engineering, Volume-8 Issue-5.

iii. Dhirendra Pandey, et. al., (2020), Optimizing the Impact of Security Attributes in Requirement Elicitation Techniques using FAHP, International Journal of Recent Technology and Engineering, Volume-9 Issue-4, January 2020

iv. Dhirendra et. al., (2020), An Intensified Framework For Security Requirement Elicitation: A Secure Software Development Concern

v. Dhirendra Pandey, et. al., (2020) Effective Requirement Engineering Process by incorporating Risk Management Approach, Solid State Technology, Vol. 63, Issue 5, Pp. 814-822

vi. Dhirendra Pandey, et. al., (2020), A fuzzy TOPSIS based analysis toward selection of effective Security Requirements Engineering approach for trustworthy healthcare software development, BMC Medical Informatics and Decision Making.

vii. Dhirendra Pandey, et. al., (2020), An Anti-Phishing Enterprise Environ Model using Feed-Forward Back propagation and Levenberg-Marquardt Method, Security and Privacy, Wiley Publication.

viii. Dhirendra Pandey, et. al.,, (2021)Evaluating The Test Cases Impact Of Application Security Through Ant-Colony Optimization Algorithm: A Design Perspective., CMC.

ix. A Fuzzy Multi-Criteria Decision Making Method for Managing Network Security Risk

Perspective (Scopus) (Book Chapter)- 240919-025237

x. Phishing Prevention Guidelines (Scopus) 9781003024743

Dr. Raj Shree

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Prabhishek Singh, Manoj Diwakar, Achyut Shankar, Raj Shree, Manoj Kumar	A Review on SAR Image and its Despeckling	Archives of Computational Methods in Engineering, **(IF = 7.303)**	Vol. 28	pp. 1-21	2021
2	Anshita Singh, Amit Arya, Vivek Agrawal, Raj Shree, Uttam Kumar	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 Behaviour, **(IF = 3.978)**	NIL	pp. 1-9	2021
3	Prabhishek Singh, Raj Shree & Manoj Diwakar	A new SAR image despeckling using correlation based fusion and method noise thresholding	Journal of King Saud University - Computer and Information Sciences, **(IF= 13.473)**	Vol. 33	pp. 313-328	2021
4.	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla	A new fusion-based agricultural synthetic aperture radar image despeckling by using anisotropic diffusion and discrete wavelet transform methods	Journal of Testing and Evaluation, **(IF = 1.264)**	Vol. 49	-	2021
5	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla	A contiguous cyber crime investigation framework to deal with the cyber dependent-cum-cyber enabled crimes	ELSEVIER Materials Today: Proceedings	-	pp. 1-10	2021
6	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla, Diksha Bajpai	Memory forensic: Acquisition and analysis mechanism for operating systems	ELSEVIER Materials Today: Proceedings	-	pp. 1-7	2021
7	Ajay Kumar, Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla	Impact of Ad-hoc on-demand distance vector on TCP traffic simulation using network simulator	ELSEVIER Materials Today: Proceedings	-	pp. 1-9	2021
8	Prabhishek Singh, Raj Shree	A new homomorphic and method noise thresholding based despeckling of SAR image using anisotropic diffusion	Journal of King Saud University – Computer and Information Sciences, **(IF= 13.473)**	Vol. 32	pp. 137-148	2020
9	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla, Paresh Goyal	An Effective-Cum-Strategic Investigation Approach for Cyber-dependent Crime.	Jour of Adv Research in Dynamical & Control System	Vol-12	pp. 494-500	2020
10	Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, Vivek Shukla, Prabhishek Singh	A Critical Review on Despeckling Methods in Agricultural SAR Image	International Journal of Applied Exercise Physiology	Vol-9	pp-258-266	2020
11	Raj Shree, Prabhishek Singh	Impact of method noise on SAR image despeckling	International Journal of Information Technology and Web Engineering	Vol-15	pp. 52–63	2020

Dr. Pawan Kumar Chaurasia

i. Neha Singh, P. K. Chaurasia (Feb, 2020), "**Machine Learning in Healthcare Industry: Tools and Techniques",** International Journal of Test Engineering and Management, ISSN: 0193-4120, Vol 82 (1), pp.4146-4150**. (SCOPUS).**

ii. Neha Singh, P. K. Chaurasia (July, 2019), "**A Review on Genetic Algorithm Operations and Application in Telecommunication Routing",** International Journal of Computer Sciences and Engineering, (IJCSE), ISSN: 2347-2693, Vol. 7, Issue 7, pp.273-277**. (UGC LIST Journal 63193.**

iii. Srishti Garg, P. K. Chaurasia (2019), **"Application of Genetic Algorithms: Task Scheduling in Cloud Computing",** International Journal of Computer Sciences and Engineering, (IJCSE), ISSN: 2347-2693, Vol. 7, Issue 6, pp.782-787**. (UGC LIST Journal 63193.**

iv. Adil Hussain and Pawan Kumar Chaurasia, (2019) **"A Review On Heart Disease Prediction Using Machine Learning Techniques",** International Journal of Management, IT and Engineering (IJMIT) ISSN: 2249-0558, Vol. 9, Issue 9, April 2019, pp: 208-224. **(UGC LIST NO 48064)**

Dr. Alka

i. Alharbi, Abdullah, MohdFaizan, WaelAlosaimi, Hashem Alyami, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Exploring the topological properties of the tor dark web." *IEEE Access* 9 (2021): 21746-21758.

ii. Kumar, Rajeev, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Alka Agrawal, and Raees Ahmad Khan. "A hybrid fuzzy rule-based multi-criteria framework for sustainable-security assessment of web application." *Ain Shams Engineering Journal* 12, no. 2 (2021): 2227-2240.

iii. Alenezi, Mamdouh, Abhishek Kumar Pandey, RichaVerma, MohdFaizan, Shalini Chandra, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the Impact of Software Security Tactics: A Design Perspective." *CMC-COMPUTERS MATERIALS & CONTINUA* 66, no. 3 (2021): 2283-2299.

iv. Zarour, Mohammad, MdTarique Jamal Ansari, MamdouhAlenezi, Amal Krishna Sarkar, MohdFaizan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the impact of blockchain models for secure and trustworthy electronic healthcare records." *IEEE Access* 8 (2020): 157959-157973.

v. Agrawal, Alka, Abhishek Kumar Pandey, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Rajeev Kumar, and Raees Ahmad Khan. "Evaluating the security impact of healthcare Web applications through fuzzy based hybrid approach of multi-criteria decision-making analysis." *IEEE Access* 8 (2020): 135770-135783.

vi. Kaur, Jasleen, Asif Irshad Khan, Yoosef B. Abushark, MdMottahirAlam, Suhel Ahmad Khan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Security risk assessment of healthcare Web application through adaptive neuro-fuzzy inference system: A design perspective." *Risk*

Management and Healthcare Policy 13 (2020): 355.

vii. Kumar, Rajeev, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Mohammed Baz, Alka Agrawal, and Raees Ahmad Khan. "A hybrid model of hesitant fuzzy decision-making analysis for estimating usable-security of software." *IEEE Access* 8 (2020): 72694-72712.

viii. Abushark, Yoosef B., Asif Irshad Khan, FawazJaberAlsolami, AbdulmohsenAlmalawi, MdMottahirAlam, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Usability Evaluation Through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective." *CMC-COMPUTERS MATERIALS & CONTINUA* 68, no. 1 (2021): 1203-1218.

ix. Alharbi, Abdullah, MohdFaizan, WaelAlosaimi, Hashem Alyami, Mohd Nadeem, Suhel Ahmad Khan, Alka Agrawal, and Raees Ahmad Khan. "A Link Analysis Algorithm for Identification of Key Hidden Services." *CMC-COMPUTERS MATERIALS & CONTINUA* 68, no. 1 (2021): 877-886.

INDEXED IN SCI/SCIE/ESCI/WEB of SCIENCE/SCOPUS AND Q2 QUARTILE:

i. Kumar, Rajeev, MdTarique Jamal Ansari, Abdullah Baz, HosamAlhakami, Alka Agrawal, and Raees Ahmad Khan. "A Multi-Perspective Benchmarking Framework for Estimating Usable-Security of Hospital Management System Software Based on Fuzzy Logic, ANP and TOPSIS Methods." *KSII Transactions on Internet and Information Systems (TIIS)* 15, no. 1 (2021): 240-263.

ii. Attaallah, Abdulaziz, Masood Ahmad, Adil Hussain Seh, AlkaAgrawal, Rajeev Kumar, and Raees Ahmad Khan. "Estimating the Impact of COVID-19 Pandemic on the Research Community in the Kingdom of Saudi Arabia." Computer Modeling in Engineering & Sciences 126, no. 1 (2021): 419–436.

iii. Alenezi, Mamdouh, M. T. J. Ansari, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Fuzzy multi criteria decision analysis method for assessing security design tactics for Web applications." *Int. J. Intell. Eng. Syst.* 13, no. 5 (2020): 181-196.

iv. Kaur, Jasleen, Alka Agrawal, and Raees Ahmad Khan. "Security Issues in Fog Environment: A Systematic Literature Review." *International Journal of Wireless Information Networks* 27 (2020): 467-483.

v. Algarni, Abdullah, Masood Ahmad, AbdulazizAttaallah, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "A hybrid fuzzy rule-based multi-criteria framework for security assessment of medical device software." *International Journal of Intelligent Engineering and Systems* 13, no. 5 (2020): 51-62.

vi. Seh, Adil Hussain, Mohammad Zarour, MamdouhAlenezi, Amal Krishna Sarkar, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Healthcare data breaches: Insights and implications." In *Healthcare*, vol. 8, no. 2, p. 133. Multidisciplinary Digital Publishing Institute, 2020.

vii. Kumar, Rajeev, Abhishek Kumar Pandey, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Alka Agrawal, and Raees Ahmad Khan. "Fuzzy-based symmetrical multi-criteria decision-making procedure for evaluating the impact of harmful factors of healthcare information security." *Symmetry* 12, no. 4 (2020): 664.

viii. Agrawal, Alka, Adil Hussain Seh, Abdullah Baz, HosamAlhakami, WajdiAlhakami, Mohammed Baz, Rajeev Kumar, and Raees Ahmad Khan. "Software security estimation using the hybrid fuzzy ANP-TOPSIS approach: design tactics perspective." *Symmetry* 12, no. 4 (2020): 598.

ix. Kumar, Rajeev, Alka Agrawal, and Raees Ahmad Khan. "A wake-up call for data integrity invulnerability." *Computer Fraud & Security* 2020, no. 4 (2020): 14-19.

x. Alharbi, Abdullah, WaelAlosaimi, Hashem Alyami, Mohd Nadeem, MohdFaizan, Alka Agrawal, Rajeev Kumar, and Raees Ahmad Khan. "Managing Software Security Risks through

an Integrated Computational Method." *Intelligent Automation & Soft Computing (IASC)* 28, no. 1 (2021): 179-194.

xi. Alyami, Hashem, MohdFaizan, WaelAlosaimi, Abdullah Alharbi, Abhishek Kumar Pandey, MdTarique Jamal Ansari, Alka Agrawal, and Raees Ahmad Khan. "An Ensemble Approach to Identify Firearm Listing on Tor Hidden-Services." *Comput. Syst. Sci. Eng.* 38, no. 2 (2021): 141-149.

xii. Alosaimi, Wael, MdTarique Jamal Ansari, Abdullah Alharbi, Hashem Alyami, Adil Hussain Seh, Abhishek Kumar Pandey, Alka Agrawal, and Raees Ahmad Khan. "Evaluating the Impact of Different Symmetrical Models of Ambient Assisted Living Systems." *Symmetry* 13, no. 3 (2021): 450.

xiii. Baz, Mohammed, HosamAlhakami, Alka Agrawal, Abdullah Baz, and Raees Ahmad Khan. "Impact of covid-19 pandemic: A cybersecurity perspective." *Intelligent Automation and Soft Computing* 27, no. 3 (2021).

xiv. Ansari, MdTarique Jamal, Fahad Ahmed Al-Zahrani, Dhirendra Pandey, and Alka Agrawal. "A fuzzy TOPSIS based analysis toward selection of effective security requirements engineering approach for trustworthy healthcare software development." *BMC Medical Informatics and Decision Making* 20, no. 1 (2020): 1-13.

xv. Alyami, Hashem, MohdFaizan, WaelAlosaimi, Abdullah Alharbi, Abhishek Kumar Pandey, MdTarique Jamal Ansari, Alka Agrawal, and Raees Ahmad Khan. "An Ensemble Approach to Identify Firearm Listing on Tor Hidden-Services." *Comput. Syst. Sci. Eng.* 38, no. 2 (2021): 141-149.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/SCOPUS AND Q3 QUARTILE:

- Kumar, Rajeev, MamdouhAlenezi, MdTarique Jamal Ansari, Bineet Kumar Gupta, Alka Agrawal, and Raees Ahmad Khan. "Evaluating the impact of malware analysis techniques for securing Web applications through a decision-making framework under fuzzy environment." *International Journal of Intelligent Engineering and Systems* 13, no. 6 (2020): 94-109.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/SCOPUS AND Q4 QUARTILE;

i. Kumar, Neeraj & Agrawal, Alka& Khan, Prof.Raees. (2021). Issues in IoT for Environmental Data Generation.

ii. Recent Advances in Computer Science and Communications.

INDEXED IN SCI/SCIE/ESCI/WEB OF SCIENCE/ SCOPUS1.

- Kumar, Neeraj, PareshGoyal, GayatriKapil, Alka Agrawal, and Raees Ahmad Khan. "Flood risk finder for IoT based mechanism using fuzzy logic." *Materials Today: Proceedings* (2020).

7. BOOK CHAPTERS

i. Kumar, Rajeev, Raees Ahmad Khan, Abhishek Kumar Pandey, AshutoshTripathi, and Alka Agrawal. "1 Selecting and assessing the importance of malware analysis methods for web-based biomedical services through fuzzy-based decision-making procedure." In Nature-Inspired Optimization Algorithms, pp. 1-18. De Gruyter, 2021.

ii. Kaur, Jasleen, RichaVerma, Nawaf Rasheed Alharbe, Alka Agrawal, and Raees Ahmad Khan. "Importance of Fog Computing in Healthcare 4.0." In Fog Computing for Healthcare 4.0 Environments, pp. 79-101. Springer, Cham, 2021.

Dr. Amit Kumar Singh

i. R. Bansal, A. Kumar, A.K. Singh, S.Kumar (2021). Stochastic filtering based transmissibility estimation of novel coronavirus, *Digital Signal Processing*, vol. 112, p. 103001.

ii. S. Bebortta, Amit Kumar Singh, B. Pati and Dilip Senapati (2021), A Robust Energy Optimization and DataReduction Scheme for IoT Based Indoor Environments Using Local Processing Framework, *J Netw Syst Manage*,vol. 29.

iii. G. Nayak, A. K. Singh and D. Senapati (2020), Computational Modeling of Non-GaussianOption Price Using Non-extensive Tsallis Entropy Framework, *Computational Economics*, vol. 57, pp. 1353–1371.

iv. S Bebortta, D Senapati, NK Rajput, AK Singh, et. al (2020), Evidence of power-law behavior in cognitive IoTapplications, *Neural Computing and Applications*, vol. 32(20), pp.16043-16055.

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

Dr. Raj Shree

Workshop:

Organized a AICTE-ATAL Faculty Development Program on "Internet of Things" scheduled from 5th October 2020 to 9th October 2020 as FDP Coordinator.

Dr. Alka

Kaur, Jasleen, Alka Agrawal, and Raees Ahmad Khan. "Security Assessment in Foggy Era through Analytical Hierarchy Process." In 2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT), pp. 1-6. IEEE, 2020.

9. Consultancy work:

Dr. Dhirendra Pandey

- NIKSYS Info-Solution Pvt. Ltd., Lucknow
- M/s Chartered Engineering & Trading Enterprises, Raipur
- Enectric Enterprises, Electrical and Solar Suppliers, Bilaspur
- Emerging Enterprises, Ambikapur, Surguja
- AWGIBS Consultancies, Bhilai, Chhattisgarh

10. Details of invited inside the country:

Dr. Dhirendra Pandey

i. E Content delivery in International Virtual Conference on Online Education: Opportunity and Challenges organized by VITS, Satna (MP on 4-6 June 2020

ii. E Content delivery in Two Weeks Online Faculty Development Programme organized by Madhyanchal Professional University, Bhopal (MP during 18-31 May 2020

iii. e Content delivery online Seminar (Webinar) on Online Education Vs. Conventional Education during COVID-19, organized by KesharwaniMahavidyala, Jabalpur (MP) on 18-19 June 2020

iv. IoT Risk Assessment: Risk identification and Elimination For Security of IoT Devices, International Symposium on "Recent Advancement in Information and Communication Technology (RAICT-2020)" organized by Department of Computer Application, Integral University, Lucknow.

Dr. Raj Shree

i. Delivered a lecture on the Topic "NCC- A Silent Contributor to Women Empowerment" in a Webinar organised by Women Grievance and Welfare Cell of Dr. Rammanohar Lohia Avadh University, Ayodhya (UP) under Mission Shakti Abhiyan of UP Government on 14th December, 2020.

ii. Delivered a lecture on the Topic "Internet of Things: An Emerging Trend" in a Webinar on Emerging Trends and Technologies in Computer Science organized by Department of Computer Application, M.L. K. P.G. College, Balrampur (U.P.) on 09th January 2021.

iii. Delivered a lecture on the Topic "NCC as a Platform to Women Empowerment" in a Webinar organised by Women Grievance and Welfare Cell of Dr. Rammanohar Lohia Avadh University, Ayodhya (UP) under Mission Shakti Abhiyan of UP Government on 1st March, 2021.

iv. Delivered lecture on the topic "Building Blocks of Internet of Things" in one week Faculty Development Program on Contemporary Trends in Science & Technology from 5th April 2021 to 9th April 2021 organised by Amity School of Engineering & Technology, Amity University, Patna on April 8, 2021.

11. Details of Research Projects:

Dr. Raj Shree

Running a project titled "Design and Analysis of Speech Recognition System and Its Application for Impaired Persons using Soft Computing Techniques", funded by Council of Science & Technology U.P., Lucknow-226018, as Co- Principal Investigator from 29th February 2020.

Dr. Alka

Running a project titled **"Design and Development of Software Security-Durability Mechanism to make Digital India Initiative more Secure"** funded by Council of Science & Technology U.P., Lucknow-226018, as Principal Investigator Dr Alka, from 22nd November, 2019.

12. Details of patents filled/ awarded

Prof. R.A. Khan

INTERNATIONAL PATENT FILLED

Title of Invention	:	Bigdata Analysis for Smart Hospital Management System Using Blockchain
Patent No.	:	2021100554
Date of Grant	:	31-03-2021
Patent Office/ Country	:	Australia
Title of Invention	:	A Security Management System for Digital Healthcare Information Management Field and Its Method Thereof
Patent No.	:	2021100559
Date of Grant	:	31-03-2021
Patent Office/ Country	:	Australia

Dr. Alka

INTERNATIONAL PATENT FILLED

- Title of Invention : A Security Management System for Digital Healthcare Information Management Field and Its Method Thereof
- Patent No. : 2021100559

- Date of Grant : 31-03-2021
- Patent Office/ Country : Australia

13. Student achievements:

i. Accomplishments of students	
Number of students completed their Master/ Graduation/ Diploma	47
Number of student awarded SLET/ NET/ JRF/ any other fellowship	01

ii. Ph.D. Awarded during the year:

SL No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
01	Ms. Kanika	Prof. R.A.Khan	Dr. Alka	Inception of Data Creation Phase and Prevention of Data Leakage in Big Data Life Cycle	UGC-NON -Net
02	Mr. Virendra Singh	Dr. Dhiren-dra Pandey	----------	Security Requirement Elicitation Framework for Secure Software Development	UGC -RGNF
03	Md. Tarique Jamal Ansari	Dr. Dhiren-dra Pandey	---------	Design and Development of a Novel Methodology for Security Threat Oriented Requirements Engineering	UGC-NON –Net
04	Neeraj Kumar	Prof. R.A.Khan	Dr. Alka	Design and Development of lot Based Fuzzy Expert System for Flood Detection and Avoidance	UGC-NON -Net

iii. Ph.D. thesis submitted during the year- (01)

iv. Ph.D. student's Pursuing

01	Amal Krishna Sarkar	Prof. R.A.Khan		Estimating the Impact of Blockchain Models for Securing Electronic Healthcare Records: Super Speciality Hospital Perspective	
02	Mohd Faizan	Prof. R.A.Khan	----------	Identification and Classification of Illegal Con-tent on Tor Dark Web	
03	Syed Anas Ansar	Prof. R.A.Khan	Dr. Ami-tabha	Managing Security Risk of Healthcare Web Application: A Design Perspective	
04	Masood Ah-mad	Prof. R.A.Khan	----------	Medical device security assessment using soft computing technique**.**	National Fel-lowship for Persons with Disabilities
05	Suman	Prof. R.A.Khan	----------	Software defect predictions using machine learning	UGC-NON -NET
06	Mohd. Na-deem	Prof. R.A.Khan	----------	To design secure web based application and software using quantum computing	UGC-NON -NET
07	Adil Hussain Seh	Prof. R.A.Khan	----------	Improving Confidentiality of Healthcare data through Integrated Machine Learning and MCDM techniques	UGC-NON -NET
08	Shubhankar Chaudhary	Prof. R.A.Khan	----------	Privacy Preservation Frame Work in WBSN	
09	Sandeep Ku-mar Verma	Prof. R.A.Khan	----------		UGC-NON -NET
10	Sandhya Saty-arthi	Dr. Dhiren-dra Pandey	----------	Software Requirement specification for fault-detection and prediction using AI tech-niques	UGC-NON -NET
11	Sujit Kumar Dwivedi	Dr. Dhiren-dra Pandey	----------	improving application security in cloud server for malware- injection attack solution	
12	Manish Joshi	Dr. Dhiren-dra Pandey	----------		UGC- JRF
13	Vinay Kumar Sahu	Dr. Dhiren-dra Pandey	----------		
14	Mohd. Asim Syaed	Dr. Raj Shree	----------	A Framework for Data Dissemination and Coverage Enhancements for UAV Assisted Wireless Ad hoc Network	
15	Ajay Kumar		----------	A Framework to Control RSU Based TCP Traffic Congestion in VANETs	
16	Anshita Singh		Dr. Uttam Kumar (S.G.P.G.I.)	Neural Pattern Recognition in Children with Psychiatric disorder	Inspire Fellowship DST
17	Prashant Ku-mar Singh		----------	Crop Monitoring and Classification Using SAR Image in Indian Heterogeneous Agriculture Environment	
18	NehaYadav	Dr. Pawan Kumar Chaurasia	----------	Improving reliability of traffic data: Block chain Technology	UGC-NON -NET
19	Sunil Singh		----------	Enhancing Reliability of Trust Management in the Internet of Things	UGC-NON -NET
20	Mahendra Pratap Singh				
21	Satish Kumar		----------	A watermarking techniques for secure of med-ical images in e-health	UGC-NON -NET
22	Jasleen Kaur	Dr. Alka	----------	Security in Fog Environment	MANF
23	Sabita Khatri		----------	Development of Efficient Machine Learning Model for feature based Malware Classifica-tion and Identification	UGC-NON -NET
24	Vishal		----------	Software quality Models	UGC-NON -NET

14. Google profile of the faculty:

i. Prof. R.A. Khan

All Since	2013
Citations	9598
h-index	42
i10- index	256

ii. Dr. Dhirendra Pandey

All Since	2013
Citations	674
h-index	12
i10- index	16

iii. Dr. Raj Shree

All Since	2013
Citations	513
h-index	15
i10- index	19

iv. Dr. Pawan Kumar Chaurasia

All Since	2013
Citations	69
h-index	5
i10- index	0

v. Dr. Alka

All Since	2013
Citations	741
h-index	16
i10- index	31

vi. Dr. Amit Kumar Singh

All Since	2013
Citations	58
h-index	5
i10- index	**4**

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विश्वविद्यालय के अंतर्गत स्थापित भाषा एवं साहित्य विद्यापीठ शिक्षा एवं समाज के क्षेत्र में महत्तर उद्देश्यों की पूर्ति करता है। इसके अधीन निम्नलिखित विभागों का संचालन प्रस्तावित है– अंग्रेजी, हिंदी, संस्कृत, उर्दू एवं अन्य विदेषी भाषाएँ। विद्यापीठ का लक्ष्य भाषा एवं साहित्य के षिक्षण के माध्यम से अध्येताओं में ज्ञान एवं संवेदना का विकास एवं विस्तार करना है। उच्चतर षिक्षा को केंद्र में रखते हुए विद्यापीठ की संकल्पना का यह प्रधान ध्येय है कि भाषाओं के षिक्षण में अंतर–अनुषासनिक षिक्षण को महत्व दिया जाय एवं उनकी प्रकृति को समावेषी बनाया जाय। विद्यापीठ विभिन्न भाषाओं के साहित्य के बीच तुलनात्मक षिक्षण एवं शोध को बढ़ावा देता है। इनके साथ ही साथ विद्यापीठ भाषा एवं साहित्य के क्षेत्र में उच्चस्तरीय शोध को अवधारित, विकसित एवं परिमार्जित करता है। भाषा एवं साहित्य विद्यापीठ परम्परागत अनुसंधान से भिन्न समाज एवं संस्कृति के अप्रकाषित, अनछुए पहलुओं पर अनुसन्धान कार्य को भी प्रोत्साहित करता है। वर्तमान में 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।

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2013 में स्थापित हिन्दी विभाग, भाषा एवं साहित्य के क्षेत्र में शिक्षण के पाठ्यक्रम संचालित करता है। बाबासाहेब के स्वप्नों एवं आदर्षों के अनुरूप ही विभाग ने साहित्य–शिक्षण–दर्षन को अंगीकार किया है। अंतर–अनुशासनिक अध्ययनों की प्रासंगिकता देखते हुए विभाग ने परा–स्नातक पाठ्यक्रम को नितांत नया रूप दिया है, उसमें राष्ट्रीय संस्कृति एवं वैचारिकी को गहराई से समावेषित 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 शोधपरक पाठ्यक्रम भी संचालित हो रहे हैं। वर्तमान में विभाग केंद्रीय पुस्तकालय के पूर्णतया वातानुकूलित द्वितीय तल पर स्थित है तथा छः स्थाई शिक्षक उसमें नियुक्त हैं।

1. Courses Offered:-

i. एम.ए. हिन्दी
ii. पी.जी. डिप्लोमा हिन्दी पत्रकारिता
iii. एम.फिल. हिन्दी
iv. पीएच.डी. हन्दी

2. Facilities available in the Department:-

i. Classrooms
ii. Classrooms with LCD facilities
iii. Classrooms with WiFi/LAN

3. Details of Faculty:

i. ik- loh'k flag

- संकायाध्यक्ष एवं विभागाध्यक्ष
- विशेषज्ञता : भक्तिकालीन कविता, आधुनिक कथा साहित्य, समकालीन कविता
- शैक्षिक योग्यता : नेट., एम.फिल., पीएच.डी.

ii. Mk- jke iky xxokj

- आचार्य
- विशेषज्ञता : मध्यकालीन हिन्दी काव्य, संत काव्यय विमर्श : दलित, संस्कृतिय आलोचनाय काव्य शास्त्र
  शैक्षिक योग्यता : डी.लिट, डी.फिल, यू.जी.सी. नेट एम.ए., (हिन्दी, अंग्रेजी), एल.एल.बी.

iii. Mk- cythr dqekj JhokLro

- सहायक आचार्य
- विशेषज्ञता : लोकसाहित्य, प्रयोजनमूलक हिन्दी, पत्रकारिता
- शैक्षिक योग्यता : नेट., पीएच.डी.

iv. Mk- f'ko'kdj ;kno

- सहायक आचार्य
- विशेषज्ञता : हिन्दी आलोचना, हिन्दी साहित्य का इतिहास, हिन्दी पत्रकारिता
- शैक्षिक योग्यता : नेट., पीएच.डी.

v. Mk- uferk tqly

- सहायक आचार्य
- विशेषज्ञता : हिन्दी नाटक, कथा साहित्य
- शैक्षिक योग्यता : नेट., पीएच.डी.

vi. Mk- ihfr jk;

- सहायक आचार्य
- विशेषज्ञता : कथा साहित्य, तुलसी साहित्य, हिन्दी कविता
- शैक्षिक योग्यताः नेट., पीएच.डी.

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

विभाग द्वारा 22.03.2021 एवं 23.03.2021 को उ0 प्र0 भाषा संस्थान लखनऊ के सहयोग से दो दिवसीय राष्ट्रीय संगोष्ठी का आयोजन किया गया। राष्ट्रीय संगोष्ठी में बतौर मुख्य अतिथि माननीय डॉ. सतीश चन्द्र द्विवेदी थे। संगोष्ठी का उद्देश्य 'कबीर एवं तुलसी' दोनों संतों के राम एक हैं, पर केन्द्रित थी। संगोष्ठी का मूल विषय 'कबीर के राम : तुलसी के राम' था।

5. Co-curricular/Extra-curricular/Sports Activities by the Department:

Mk- ihfr jk;

Refresher course – UGC Human Resource Development
Center- Guru Ghaksidas vishwavidyalaya Bilaspur (C.G.)
Title of the Refresher course – Chhayavadi kaviyon ki Jeevan Drishti (In Hindi)

Time – 11/01/2021 to 23/01/2021

Mk- uferk tqly

Refresher course – UGC Human Resource Development
Center- Guru Ghaksidas vishwavidyalaya Bilaspur (C.G.)
Title of the Refresher course – Chhayavadi kaviyon ki Jeevan Drishti (In Hindi)
Time – 11/01/2021 to 23/01/2021

6. Visitors of Department from inside the country:

i. प्रो. रीता सिंह, आचार्य, लखनऊ विश्वविद्यालय, लखनऊ
ii. प्रो. पवन अग्रवाल, आचार्य, लखनऊ विश्वविद्यालय, लखनऊ
iii. प्रो. वाई. पी. सिंह, आचार्य, लखनऊ विश्वविद्यालय, लखनऊ
iv. प्रो. कैलाश देवी सिंह, आचार्य, लखनऊ विश्वविद्यालय, लखनऊ

7. Members/Fellowship of professional/Academic bodies/editorial board:

ik- loh'k flag

i. सदस्य, एकेडमिक कांउसिल, बी.बी.ए.यू., लखनऊ।
ii. अध्यक्ष, स्कूल बोर्ड, हिन्दी विभाग, बी.बी.ए.यू., लखनऊ।
iii. अध्यक्ष, बी.पी.जी.एस. एवं डी.आर.सी. हिन्दी विभाग, बी.बी.ए.यू., लखनऊ।
iv. सदस्य, चयन समिति, अवध विश्वविद्यालय, अयोध्या।
v. सदस्य, स्क्रीनिंग समिति, केन्द्रीय हिन्दी संस्थान, आगरा।

Mk- jke iky xxokj

i. सदस्य, स्कूल बोर्ड, बी.बी.ए.यू., लखनऊ।
ii. सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ।
iii. सदस्य, डी.आर.सी., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ।
iv. सदस्य, बोर्ड ऑफ स्टडीस., हिन्दी विभाग, कानपुर विश्वविद्यालय।
v. सदस्य, पीएच.डी. परीक्षक, श्री सत्यसाँई मेडिकल एण्ड टेक्नोलॉजी सांइसेस विश्वविद्यालय, सेहोर, मध्य प्रदेश।

Mk- cythr dqekj JhokLro

i. कार्यकारिणी सदस्य भारतीय हिन्दी परिषद् प्रयाग।
ii. संपादक, शोध समीक्षा पीयर रिव्यूड एण्ड रेफ्रीड रिसर्च जर्नल।
iii. सदस्य, स्कूल बोर्ड, बी.बी.ए.यू., लखनऊ।
iv. विषय विशेषज्ञ, उ0 प्र0 भाषा संस्थान, लखनऊ एवं हिन्दुस्तानी एकेडमी, प्रयागराज।
v. सदस्य सचिव, पुरातन छात्र समिति बी.बी.ए.यू., लखनऊ।
vi. सदस्य, बजट आवटंन समिति, बी.बी.ए.यू., लखनऊ।
vii. सदस्य, सलाहकार समिति विश्वविद्यालय, अतिथि गृह।
viii. सदस्य, बी.पी.जी.एस., डी.आर.सी. हिन्दी विभाग, बी.बी.ए.यू.।

Mk- f'ko'kdj ;kno

i. सदस्य, बोर्ड ऑफ स्टडीज़, ख्वाजा मोईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ।
ii. समन्वयक, आई.क्यू.ए.सी. हिन्दी विभाग, बी.बी.ए.यू.।
iii. आजीवन सदस्य, भारतीय हिन्दी परिषद, प्रयाग।
iv. सदस्य, अन्य पिछड़ा वर्ग प्रकोष्ठ, बी.बी.ए.यू., लखनऊ।
v. सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू.।
vi. डी.आर.सी. हिन्दी विभाग, बी.बी.ए.यू.।
vii. समन्वयक, युवान मंच, हिन्दी विभाग, बी.बी.ए.यू.।
viii. विषय विशेषज्ञ, ख्वाजा मोईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ।
ix. विषय विशेषज्ञ, डॉ. शकुन्तला मिश्रा राष्ट्रीय पुनर्वास विष्वविद्यालय, लखनऊ।

Mk- uferk tSly

सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ।

Mk- ihfr jk;

सदस्य, बी.पी.जी.एस., हिन्दी विभाग, बी.बी.ए.यू., लखनऊ

8. Details of Books written/edited by faculty members:-

Mk- jke iky xqIrk

i. Rashtriya Ekta aur sant kavya (Tad vishyak chetna ka adhyan), ISBN: 978-81-943973-1-1, Pg. 160 , Lok Parlok Publications Prayagraj, 2020.
ii. Bhakti Andolan aur nirgun kaavya vimarsh, ISBN: 978-81-943973-2-8, Pg. 128, Lok Parlok Publications Prayagraj, 2020

9. Details of Book Chapter in edited volume:

Prof. Ram Pal Gangwar

i. Bijaka : His Life and Thoughts, History Past and Beyond Edited by A.K.Sinha and S.N.R. Rizvi, First Published 2020 Anamika Publishers and Distributors(Pvt. Ltd., New Delhi), U.P. History Congress 29th Session, ISBN: 978-81-7975-996-7 , Shakuntala Mishra National Rehabilitation University, Lucknow, 17th-18th November 2018
ii. Lockdown ki Manah Sthiti aur Kavitavali ki Re-reading, Corona kaal aur Sahitya Chetna, Edi. Dr. Kalpana Verma, ISBN: 978-93-91251-02-4, Pg. 205-211, Chapter 28, Single Author, Pub. By Disha International Publishing House, Greater Noida, 2021

10. Paper Published during the year by the faculty members:

Mk- jke iky xqIrk

i. Lalla Ded and Her Sensibility, International Journal Of Multidisciplinary Educational Research, June 2020, Vol-9, Issue-6(10), IC Value: 5.16, ISI VALUE: 2.286, Impact Factor: 6.8712
ii. A Discourse on Do Sau Bavan Vaishnavan Ki Varta to understand the concept of social justice, Aaalochna Chakra, June 2020, Impact Factor: 6.3, ISSN: 2231-3990

Mk- cythr dqekj JhokLro

i. प्रवासी हिन्दी साहित्य और भारतीय संस्कृति प्रवासी जगत केन्द्रीय हिन्दी संस्थान, आगरा 2581.7985 अंक–2 अप्रैल–जून, 2020
ii. तुलसीदास कृत कवितावली की वर्तमान संदर्भ में प्रासंगिकता शोध धारा शैक्षिक एवं अनुसंधान संस्थान, उरई 0975.3664 केयर लिस्ट अंक–3, पूर्णांक 58 सितम्बर, 2020
iii. महात्मा गाँधी के आदर्शों का कहानी और नाटक पर प्रभाव हिन्दी अनुशीलन भारतीय हिन्दी परिषद, इलाहाबाद 2249.930r केयर लिस्ट वर्ष–61, अंक–3 जुलाई से सितम्बर, 2020
iv. फणीश्वर नाथ रेणु राष्ट्रधर्म संस्कृति भवन राजेन्द्र नगर, लखनऊ 2581.6179 पीयर रिव्यूड वर्ष–74, अंक–2 अक्टूबर, 2020
v. तुलसी साहित्य में सांस्कृतिक राष्ट्रवाद की अनुगूँज शोध सरिता अन्तर्राष्ट्रीय शोध पत्रिका संचार एजूकेशनल एण्ड रिसर्च फाउंडेशन, लखनऊ 2348.2397 केयर लिस्ट पीयर रिव्यूड वर्ष 7, अंक–28, अक्टूबर, दिस0 2020

Mk- f'ko'kdj ;kno

शीर्षक–दलित चेतना केन्द्रित प्रमुख उपन्यास पत्रिका का नाम–षोध संचार बुलेटिन ैच्छ–2229. 3620, न्ळ्ब् केयर लिस्टेड जर्नल पृष्ठ संख्या–10.13, अंक – जनवरी – मार्च, 2021

Mk- uferk tSly

हिन्दी सिनेमा का बदलता स्वरूप, दृष्टिकोण सितंबर – अक्टूबर 2020

Mk- ihfr jk;

i. दृष्टिकोण (पत्रिका का नाम)– वर्ष 12, अंक 1, जनवरी–फरवरी 2020, UGC CARE GROUP LISTED शोध पत्र का विषय – संस्कार उपन्यास की पात्र योजना (पृष्ठ संख्या 542–545)
ii. दृष्टिकोण (पत्रिका का नाम)– वर्ष 13, अंक 1, जनवरी–फरवरी 2021, UGC CARE GROUP LISTED शोध पत्र का विषय–आनंदमठ उपन्यास की समीक्षा (पृष्ठ संख्या 1980–1982)

11. Attended/participated in Conferences/ seminar/ webinar/ workshop inside Country:

Prof. Ram Pal Gangwar

i. Participated a six day online summer school on migrant realities, GBPSSI Jhunsi Allahabad, from may 24 2020 to june 04 2020.
ii. Participated one day international virtual conference on novel corona and novel challenges: life ahead with COVID 19, organised by U.G.C. cell, Sri Guru Gobind Singh College, Sector 26, Chandigarh, 3 June 2020.
iii. Participated mental stress and music in time of covid 19 crisis one day national webinar by department of music, Bhagwandeen Arya Kanya P.G. College, Lakhimpur –kheeri (U.P), 10 june 2020.
iv. Participated samkaaleen hindi upanyaas aur vartmaan, one day webinar by iqac and Hindi Vibhaag , Jesus and Mary College, Delhi University, 15 June 2020.
v. Participated global COVID-19 crisis, Environment and sustainable development, international webinar by department of Botany, E.C.C. Prayagraj , from 16 to 18 june 2020.
vi. Participated International Yoga day : Nutrition and Yoga, National level webinar by the NSS dept. of Hamidia Girls Degree College, Prayagraj on 11.06.2020.

vii. Participated impact of COVID-19 on teaching and learning in higher education, 2 days National webinar by Arya Kanya Degree College, Prayagraj, 29-30 may 2020.

viii. Delivered a special lecture on Bhartiya Sanskriti ka Aetihasik Paripreksha : Ek Vimarsh, National Webinar on Bhartiya Virasat Sanskriti Evam Vyanjan, Organised by EBSB CLUB under the scheme Dekho Apna Desh, Pandit Deen Dayal Upadhyaya, Govt. Girls Degree College,Sevapuri 7th July, 2020.

ix. Delivered special lecture as resource person in National Webinar on Rashtriye Shiksha Neeti 2020 : Bhartiye Bhashaon Kala aur Sanskriti ka samvardhan, held on 03/09/2020 by Ramabai Govt. P.G. College, Akbarpur, Ambedkarnagar.

x. Delivered a lecture in a national seminar on Kabir ke Ram : Tulsi ke Ram, 22-23 March, 2021, Organised by BBAU in collaboration with UP Bhasha Sansthan Lucknow.

xi. Presented Research Paper in a national seminar on Gender Equality and Human Rights, 19-20 February, 2021, in Kashi Naresh Govt. P.G. College.

xii. Delivered special lecture on Sahitya Mein Anuvaad ki Bhoomika, Arya Kanya Degree College, Allahabad Vishwavidyalay, Prayagraj, 11/06/2021.

xiii. Delivered a special lecture on Madhyakaleen Kavya Mein Stri, For the students of Ph.D course work, Hindi Vibhaag, Magadh Vishwavidyalay, Bodh Gaya, Bihar, 28/06/2021.

Mk- cythr dekj JhokLro

विशिष्ट वक्तव्य	उ. प्र. भाषा संस्थान द्वारा कृत कार्यों का भाषायी विकास में योगदान	उ. प्र. भाषा संस्थान द्वारा कृत कार्यों का भाषायी विकास में योगदान	उ. प्र. भाषा संस्थान के स्थापना दिवस के अवसर पर	24 दिसम्बर 2020
मुख्य वक्तव्य	जयशंकर प्रसाद : इतिहास दृष्टि और भारतबोध की संकल्पना	भारत बोध की संकल्पना और प्रसाद के नाटक	हिन्दुस्तानी एकेडमी, प्रयागराज एवं हिन्दी विभाग, महात्मा गाँधी काशी विद्यापीठ वाराणसी	22–23 फरवरी 2021
वक्तव्य	कबीर के राम : तुलसी के राम	कबीर के राम : तुलसी के राम में सांस्कृतिक मूल्य	उ0 प्र0 भाषा संस्थान एवं हिन्दी विभाग, बी.बी.ए.यू., लखनऊ	22–23 मार्च 2021
अतिथि वक्तव्य	वर्तमान चुनौती– कोविड–19 : समय, समाज और साहित्य महामाया	वर्तमान चुनौती– कोविड–19 : समय, समाज और साहित्य	हिन्दी विभाग लाल बहादुर शास्त्री महाविद्यालय, गोण डा द्वारा	22 मई 2020
विशिष्ट वक्तव्य	राष्ट्रीय शिक्षा नीति 2020 और हिन्दी की दशा–दिशा	राष्ट्रीय शिक्षा नीति 2020 के दृष्टिगत हिन्दी की दशा और दिशा	राजकीय महाविद्यालय, श्रावस्ती	14 सितम्बर 2020
वक्तव्य	स्वदेशी की अवधारणा	स्वदेशी, अवधारणा और यथार्थ	अखिल भारतीय साहित्य परिषद् उ. प्र.	31 मई 2020

मुख्य वक्ता	अवधी भाषा की लिखित एवं भाषिक परम्परा	अपनी बोली अपना गांव	अखिल भारतीय साहित्य परिषद, अवध प्रांत द्वारा	13 जून 2020
विशेष व्याख्यान	हमारी सांस्कृतिक भाषाएं	हमारी सांस्कृतिक भाषाएं	अखिल भारतीय विद्यार्थी परिषद पश्चिमी चम्पारन	24 मई 2020
विशेष व्याख्यान	कोविड 19 : समाज और साहित्य	कोविड 19 : समाज और साहित्य	बी.बी.ए.यू., लखनऊ, सोशल मीडिया	29 मई 2020
विशेष व्याख्यान	शोध प्रविधि–शोध की नई और व्यावहारिक सम्मान	शोध प्रविधि–शोध की नई और व्यावहारिक सम्मान	जवाहर लाल नेहरू स्मारक महाविद्यालय बाराबंकी	14 जुलाई 2020
विशेष व्याख्यान	अटल जी का कविता संसार अन्तर्राष्ट्रीय संगोष्ठी	अटल जी का कविता संसार अन्तर्राष्ट्रीय संगोष्ठी	श्रद्धेय अटल बिहारी बाजपेयी हिन्दी व्याख्यान माला राष्ट्रधर्म	26 दिसम्बर 2020
वक्तव्य	वर्तमान वैश्विक परिदृश्य में लोकसाहित्य की भूमिका	वर्तमान वैश्विक परिदृश्य एवं भारत राष्ट्र : चुनौतियाँ, संभावनायें और भूमिका	शोध धारा एवं भारतीय शिक्षण मंडल द्वारा	15–17 मई 2020
सहभागिता	महामारी, साहित्य एवं समाज	महामारी, साहित्य एवं समाज	हिन्दी विभाग, महात्मा गाँधी केन्द्रीय विश्वद्यिालय मोतिहारी	26 मई 2020
मुख्य वक्ता	शिक्षा की संस्कृति और जीवनमूल्य	शिक्षा की संस्कृति और जीवनमूल्य	अखिल भारतीय साहित्य परिषद द्वारा	6–7 जून 2020
विशिष्ट वक्तव्य	वर्तमान वैश्विक कोविड–19 शिक्षा समाज और साहित्य की भूमिका	वर्तमान कोविड–19	जनता वैदिक कालेज बागपत बड़ौत	7–8 जून, 2020
मुख्य वक्तव्य	ब्रजभाषा का माधुर्य	कृष्ण काव्य में ब्रज भाषा का माधुर्य	उ0 प्र0 भाषा संस्थान, वृंदावन शोध संस्थान, संस्कार भारती, विश्व हिन्दी मंच	6–7 मार्च, 2021
विशिष्ट वक्तव्य	फणीश्वर नाथ रेणु, आंचलिक साहित्य	रेणु की कहानियों में चित्रित आँचलिकता के स्वर	जवाहर लाल नेहरू मेमोरियल पी.जी. कालेज, बाराबंकी उच्च शिक्षा निदेशालय प्रयागराज एवं उ0 प्र0 भाषा संस्थान	20–21 मार्च, 2021

12. Details of invited lectures inside country:

ik- lo'k flg

i. सी–आई–एल–, जे.एन.यू., में आमंत्रित व्याख्यान
ii. साची विष्वविद्यालय भोपाल में आमंत्रित व्याख्यान
iii. HRDC, JNU में आमंत्रित व्याख्यान

13. Details of National Awards/fellowship:

Prof. Ram Pal Gangwar

Most Innovative Academician Award of the Year, 5th Sept. 2020, GRF and KAAV Media Publications Pvt. Ltd. , Delhi.

14. Students achievements:

i. **Number of student completed their masters/graduation/Diploma. -13**
ii. **Details of students selected for teaching in higher education. - 03**
   (क) सुश्री सरिता यादव – उत्तर प्रदेष लोक सेवा आयोग, एल. टी. ग्रेड
   (ख) सुश्री वैभव – उत्तर प्रदेश लोक सेवा आयोग, एल. टी. ग्रेड
   (ग) श्री हरकेश कुमार – प्रशिक्षित स्नातक, उच्च शिक्षा विभाग, प्रयागराज
iii. Number of student pursuing higher studies -04
iv. Number of student awarded SLET/NET/JRF/any other fellowship- 11 JRF

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

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1.	श्री हरकेश कुमार		02
2.	सुश्री स्वाति सिंह	01	
3.	सुश्री दीप्ति यादव	01	02

16. Google profile of the faculty members

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http://scholar.google.com/citations?user=U2OMDggAAAAJ&hl=hi

School of Legal Studies

Department of Human Rights

Department of Human Rights conducts post-graduate teaching and research programmes in the areas relating to Human Rights and Law and aims at recommending appropriate measures for enforcing human rights and securing ends of justice through legal and democratic processes.

Presently, the Department is running Ph.D. and LL.M. courses. The number of students in Ph.D. course on date is 14 in Department of Human Rights and 01 Research Scholar from Department of Law under the supervision of Prof. Priti Saxena; LL.M. Course is 41 during the session 2020-21 out of which number of **open** category students is 15, EWS category students is 03; 01 PH Category students and students belonging to SC/ST category are 18 and Paid Seats students are 04.

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.

1. Course Offered:

i. LL.M. in Human Rights
ii. Ph.D.

2. Facilities available in the department:

i. The Department is housed in School of Legal Studies Building.
ii. The Building is Wi-Fi connected.
iii. One Classroom, one Smart classroom, one legal aid room and one Conference hall.
iv. Head's Chamber and 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.

3. Details of Faculty: Academic Profile (Teaching & Research)

Department has Two Professors, One Associate Professor and One Assistant Professor at present. One post of Professor and two Assistant Professors are vacant. Faculty Members are drawn from the disciplines of Law, Political Science and Human Rights.

i. Prof Priti Saxena

- **Professor**
- **Qualification-** LL.M., Ph.D. in Law
- **Experience -** Teaching & Research Since 18.11.1991
- **Specialization -**Constitutional Law, Administrative Law and Torts

ii. Prof. Preeti Misra

- **Professor**
- **Qualification-** LL.M., LL.D.
- **Experience -** Teaching & Research Since 20 Sept. 1999
- **Specialization -**Criminal Law, Women & Law, Human Rights Law, Intellectual Property Law & Family Law

iii. Dr. Shashi Kumar

- **Associate Professor**
- **Qualification -** M.A (Political Science) Ph.D. in (Political Science)
- **Experience -**Teaching & Research Since 19 August 1997
- **Specialization -**Human Rights, Indian Politics & Law Political Theory

iv. Dr. Rashida Ather

- **Asst. Professor**
- **Qualification -**M.A. (Human Rights) Ph.D. (Human Rights)
- **Experience -** Teaching & Research Since 20 Nov. 2008
- **Specialization-** Human Rights, Humanitarian and Refugee Law, Rights of Women and Children

4. Details of Seminar / Conference organized by the department:

SEMINARS/ SYMPOSIUMS/ WORKSHOP

S. No.	Date	Particular	Topic
1	20th May, 2020	National Webinar	Pandemic, Global Health and the Response of International Law
2	25th May, 2020	International Webinar	Quarantine and Prevention of Diseases: International and Comparative Law Perspectives
3	10th December, 2020	National Webinar	Impact of COVID-19 on Human Rights to Health
4	24th January, 2021	National Webinar on National Girl Child Day	Saving Girl Child for Posterity and Prosperity
5	08th March, 2021	National Webinar on International Women's Day	Balancing Between Life and Work in COVID-19 A Challenging Scenario for Working Women
6	15th March, 2021	National Webinar on World Consumers Rights Day	Consumer Protection Laws-Some Challenges

5. Other Departmental Level Academic Activities:

i. Internal Quality Assurance Cell:

The Department works under three Forums for its academic and extension activities and one for alumni activity.

ii. ACADEMIC FORUM:

The department has an Academic Forum with Prof. Preeti Misra, as its Chairperson with Prof. Priti Saxena, Dr. Shashi Kumar and Dr. Rashida Ather as members. It is meant for arranging seminars, symposiums, workshops and guest lectures. The Forum is also commemorating various days e.g. Law Day, Human Rights Day, AIDS Day & Women Day, Health Day etc., with students participation through debates and speeches.

iii. LEGAL AID CLINIC:

The Department has a Legal Aid Clinic with Prof. Preeti Misra as Chairperson, Dr. Rashida Ather as its member. The LL.M. students have been deputed for working days in the Legal Aid Clinic. The Clinic is affiliated with State Legal Services Authority, Lucknow and District Legal Services Authority. The clinic is engaged in promoting human rights and legal literacy among the cross sections of the society. The clinic makes efforts to get in touch with NGOs working in the area of law and human rights.

iv. WALL MAGAZINE:

The Department has a Wall Magazine Committee with Prof. Preeti Misra 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-

Publication- The publication of abstracts and Research Papers.

i. **Legal Updates-** Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites

ii. **Students' achievements-** information about students winning and participating in various competitions.

iii. **Information and Guidance**- information of career prospects and vacancies in the related field.

v. 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. Preeti Misra is its Patron, and Dr. Rajeev Kumar Singh (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.

vi. LECTURES

Sl. No.	Date	Name with address	Topic
1	15-03-2021	Hon'ble Mr. Justice Ashok Kumar, President, U.P. State Consumer Dispute Redressal Commission	Chief Guest in National Webinar

2	15-03-2021	Prof. Pradeep Kumar Singh, Faculty of Law, BHU, Varanasi	Keynote Speaker in National Webinar
3	26-05-2020	Prof. Jeeva Niriella, Professor in Department of Public International Law, Faculty of Law, University of Colombo, Sri Lanka	Chief Guest in International Webinar
4	20-05-2020	Prof. Arvind Jasrotia, Former Dean & Head, Faculty of Law, University of Jammu, Jammu & Kashmir	Resource Person in National Webinar
5	20-05-2020	Dr. Bhanu Pratap, Faculty of Law, University of Lucknow, Lucknow	Resource Person in National Webinar
6	08-03-2021	Prof. (DR.) Nishtha Jaswal, Hon'ble Vice Chancellor, Himanchal Pradesh National Law University, Shimla.	Chief Guest in National Webinar
7	08-03-2021	Major Praveen Kumari, Adm Officer, 20 UP Girls BN NCC, Lucknow	Special Guest in National Webinar
8	24-01-2021	Prof. Balraj Chauhan, VC, DNLU, Jabalpur, MP.	Chief Guest in National Webinar
9	24-01-2021	Prof. Shefali Yadav, Dean & Head, SMNRU, Lucknow	Keynote Speaker in Webinar

6. Co-curricular/Extra-curricular/sports Activities:

S. No.	Date	Particular	Topic
1	23rd January, 2021	Online Elocution Competition to commemorate National Girl Child Day	**Saving Girl Child for Posterity and Prosperity**
2	28th February, 2021	Alumni Meet 2021	**DHR Alumni Meet**

7. Visitors of Department from inside the Country:

i. Hon'ble Mr. Justice Ashok Kumar, President, U.P. State Consumer Dispute Redressal Commission
ii. Prof. Pradeep Kumar Singh, Faculty of Law, BHU, Varanasi
iii. Prof. Arvind Jasrotia, Former Dean & Head, Faculty of Law, University of Jammu, Jammu & Kashmir
iv. Dr. Bhanu Pratap, Faculty of Law, University of Lucknow, Lucknow
v. Prof. (DR.) NishthaJaswal, Hon'ble Vice Chancellor, Himanchal Pradesh National Law University, Shimla.
vi. Major Praveen Kumari, Adm Officer, 20 UP Girls BN NCC, Lucknow
vii. Prof. Balraj Chauhan, VC, DNLU, Jabalpur, MP.
viii. Prof. Shefali Yadav, Dean & Head, SMNRU, Lucknow
ix. Prof. R.P. Rai, Dean & Head, Law School, BHU, Varanasi
x. Prof. Bibha Tripathi, Professor, Law School, BHU, Varanasi
xi. Prof. (Dr.) Ali Mehdi, Dean & Head, Faculty of Law, Banaras Hindu University, Varanasi, U.P.

8. Visitors of Department from Outside the Country:

Prof. Jeeva Niriella, Professor in Department of Public International Law, Faculty of Law, University of Colombo, Sri Lanka

9. Members/fellowship of Professional/Academic bodies/editorial board:

Prof. Priti Saxena:

i. Life Member, Indian Law Institute, New Delhi
ii. Life Member, Indian Association For Social Sciences And Health, Mumbai
iii. Life Member, Indian Institute of Public Administration, New Delhi
iv. External Member NAAC Committee of Dr. Shakuntala Mishra National Rehabilitation University, Lucknow
v. Member, School Board, School of Law & Governance, Central University South Bihar, Gaya
vi. Member, Faculty Board, Faculty of Law, Aligarh Muslim University, Aligarh.
vii. Member, Faculty Board, Faculty of Law, DDU Gorakhpur University, Gorakhpur
viii. Member, Faculty Board, Dr. RPKUIL, Kumaun University, Nainital, UK
ix. Member, Board of Studies in Law, Tezpur University Central University, Assam
x. Member Board of Studies in Law, Kanpur University, Kanpur
xi. Member Board of Studies in Law Dr. Ambedkar Law University, Tamil Nadu, Chennai.
xii. Member Board of Studies in Law and Management in Nirma Univeristy, Ahemedabad, Gujarat
xiii. Member Board of Studies in Law, M.J.P. Rohilkhand University, Bareilly
xiv. Member Board of Studies in Law, Desh Bhagat University, Panjab
xv. Member Board of Studies in Law, Dr. Shakuntala Mishra National Rehabilitation University, Lucknow
xvi. Member Board of Studies in Law, SGT University, Gurugram,
xvii. Member DRC, Amity Law School, Amity University, Lucknow
xviii. Chief Editor Journal for Legal Studies An International Journal of Legal Studies (ISSN 2321-1059)
xix. Member Advisory Board, Shodh Prerak, A Multidisciplinary Quarterly International Refereed Research Journal, ISSN 2231 – 413X
xx. Member Editorial Board, Shodh Pravah, A Refereed Research Journal, (ISSN 2231 -4113)
xxi. Member Editorial Board, Emerging Researcher (ISSN 2348-5590)
xxii. Member Editorial Board, Ad Valorem (ISSN 2348-5485)
xxiii. Member National Advisory Board, 'UNIVERSITAS' Journal (ISSN : 2229-5542)
xxiv. Member, Editorial Board, JIMS JOURNAL OF LAW (ISSN : 2581-6837)

Prof. Preeti Misra:

i. Peer Team Member UGC, NAAC, Bangalore
ii. Member of Board of Post Graduate Studies (BPGS), Dept of Law, Sikkim University, Gangtok
iii. Research Degree Committee Member of P.G. Dept. of Law, Sambalpur University, Burla, Orissa
iv. Member Research Advisory Committee, Dept. of Law, Tripura University, Agartala.

v. Life member of Indian Society of Criminology (ISC), Chennai(Membership No. 1324)
vi. Life member of Indian Society of Victimology (ISC), Chennai
vii. Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay(Membership ID 292)
viii. Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (Membership No. L85)
ix. Life member of Vidhi Bharti Parishad, New Delhi, (Membership No. 185)

Dr. Shashi Kumar:

- Life Member, Indian Academy of Social Science, Allahabad.

Dr. Rashida Ather:

i. Life Member, Indian association for Social Sciences and Health
ii. Life Member, All India Rights Organisation (AIRO), Lucknow
iii. Life Member, Indian Academy of Social Sciences, Allahabad
iv. Member of Institutional Ethics committee for stem cell research and Therapy, Department of Stem cell and regenerative medicine, Sushma Hospital , Lucknow

10. Details of Books written/edited by faculty members:

Prof. Preeti Misra:

i. Block 1 Right to Information: An Introduction
ii. Right to Information: Evolution, Concept, Achievements and Limitations
iii. Block 2 The Right to Information Act, 2005
iv. Unit 2 The Right to Information Act, 2005: An Overview
v. Unit 3 The Right to Information Rules, 2012
vi. Unit 4 The Central Information Commission
vii. Unit 5 The State Information Commission
viii. Block 3 Implementation of the Right to Information Act, 2005: Issues and Challenges
ix. Unit 9 Role of Media
x. Unit 10 Role of Civil Society Organisations
xi. Block 4 Towards Governance through Right to Information: Initiatives and Impact
xii. Unit 15 Bridging the gap between Rights and their Enforcement.

Dr. Shashi Kumar:

Impact of Climate Change on Human Rights: Preparedness and Strategy of India in edited book "Changing Dimension of Human Rights in the Globalised World"by Shilpa Jain and Others, Dharamshatra National Law University, Jabalpur(ISBN 978-93-5445-298-7).

11. Paper Published during the year by the faculty members

Prof. Priti Saxena:

i. "शिक्षा का मानवाधिकार एवं कोरोनाकाल में ऑनलाइन शिक्षा पद्धतिः एक सिंघवलोकन" Journal of NHRC Naidishayen, 2020, pp 120-127.

ii. "कोरोना वायरस महामारी का असुरक्षित समूहों के मानवाधिकारों ,वं उनके सरंक्षण पर प्रभाव" Journal of NHRC Naidishayen, 2020 pp 226-237.
iii. "Are ROBOT Criminally Liable, published in International Journal of Creative Research Thoughts – IJCRT Volume 8 Issue 12 2020 Pages 3231-3238.
iv. नैतिक एवं डिजिटल शिक्षा द्वारा समता एवं विकास की ओर अग्रसर राष्ट्रीय शिक्षा नीति 2020 https://bachpanexpress.com/higher-education/-2020-580636

Prof. Preeti Misra:

i. "Covid 19 & Migrant Workers: A Subtle Sector" in International Journal of Creative Research Thoughts, Vol 8 Issue 12, December 2020 (ISSN 2320-2882) (Co-Author)
ii. Challenges For Women As Frontline Workers In The Wake Of Pandemic Of Covid-19 (Accepted for publication in Taylor Francis Journal).

Dr. Shashi Kumar:

Right to Peace a Human Rights: A Reflection on UN Declaration of Right to Peace in Indian Bar Review, Vol. 47(4) October-December 2020.

Dr. Rashida Ather:

i. The Global Refugee Crises: Study of Contemporary Issues and Challenges in PalArch's Journal of Archaeology of Egypt Egyptology, 17(6),8130-8138.Retrieved from https://archives.palarch.nl/index.php/jae/article /view/2219 (sjr 0.11)

UGC Listed in Group 1

ii. The Human Rights Based Approach to, Shelter: A Study in National and International Perspectives in Purkala, Journal, ISSN 0971-2143, Vol. 31, Issue 24 May 2020 (UGC Care List)
iii. Exploring the Concept of Human Rights within the Framework of UDHR & Qur'an in Journal of Oriental Research (UGC Care List) ISSN : 0022-3301, November 2020
iv. National and International Frameworks to Combat Child Trafficking in Sambodhi (UGC Care Listed), ISSN: 2249-6661,Vol-43, No.-4, (M) October-December (2020)
v. Right to Education in the Time of Covid-19 Crisis: An Analysis of Online Teaching in Kala Sarovar (UGC Care Listed), ISSN: 0975- 4520, Vol-23 No.04(J) October-December 2020
vi. Indian Perspective on Refugees with Reference to Rohingya Crisis in Wesleyan Journal of Research (UGC Care listed) Vol 13 No 38 (October 2020), ISSN- 0975-1386.
vii. Non Refoulement of Refugees: Compliance of Indian Judiciary with International Obligations in Shodh Sanchar Bulletin- An International Bilingual Peer Reviewed Refereed Research Journal (UGC Care Listed), ISSN - 2229-3620, Vol. 10, Issue 39, July- September 2020
viii. Right to Adequate Housing in India: An Appraisal of Judicial Governance in Shodh Sarita- An International Bilingual Peer Reviewed Refereed Research Journal (UGC Care Listed), Vol. 7, Issue 27, July-September, 2020, ISSN - 2348-2397.

12. Attended/participated in Conferences/seminar/workshop inside Country:

Prof. Priti Saxena:

i. Gust of Eminence & Invited Speaker in the Online International Virtual Seminar organised by Department of Legal Studies, UTD, Sant Gahira Guru Vishwavidyalaya, Sarguja Ambikapur, Chhattisgarh, on 'Cyber Crimes during COVID-19 Pandemic: Challenges& Prospects' and spoken on 'Work from Home- Issues of Privacy and Integrity' on August 20, 2020. Also Chaired the Inaugural Session. (YouTube direct Streaming) (https://youtu.be/

UO71ogH8JqM)

ii. Online Presentation through Google Meet and Face Book Live as Guest of Honour in the International Webinar on ' Role of Media during COVID crisis' organised Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow and presented a paper 'Infodemic: A Legal Perspective on the Role of Print and Social Media.' on July 17th 2020.(https://youtu.be/GS0kolzMnTY)

iii. Online speaker on YouTube Live Streaming as Resource Person in International Webinar on 'WHO'S Role Vis-à-Vis Public Health: A Global Perspective' organized by Kumaun University, Dr. RPLI, Nainital on June 6th , 2020.(https://youtu.be/30pI2NaFUgU)

iv. Online Presented Theme Note on YouTube Live Streaming in International Webinar on 'Quarantine and Prevention of Diseases: International and Comparative Law Perspectives' at CPGLS and Deptt. Of Human Rights, School of Legal Studies, BBAU, Lucknow, with more than 8K views , on 25 May, 2020. (https://youtu.be/LCHzBZR5uZI)(https://youtu.be/Fn9tUMcucig)

v. Delivered lecture on Consumer Protection Laws-Some Challenges in National Webinar on World Consumers Rights Day on March 15 , 2021 organised by Department of Human Rights, Centre of Post Graduate Legal Studies and NCC Unit Babasaheb Bhimrao Ambedkar University. https://youtu.be/5g5ZXSZYwZ8

vi. Delivered lecture in National Webinar on International Women's Day, March, 8, 2021, on "Balancing Between Life and Work in COVID-19 A Challenging Scenario for Working Women" organised by Department of Human Rights and Centre of Post Graduate Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow . https://youtu.be/05e0cOm6Imc

vii. Delivered theme note in National Webinar on "Consumer Protection Laws-Key Challenges & New Trends" organised by Department of Human Rights, Centre of Post Graduate Legal Studies and NCC Unit BBA University to commemorate the World Consumers Rights Day on March 15 ,2021. https://youtu.be/5g5ZXSZYwZ8

viii. Delivered lecture as Resource Person in National Webinar Week (15-19 Feb. 2021) organised by Amity Law School, Amity University, Lucknow on 'Federalism: USA, UK & India' on 17 February, 2021. https://youtu.be/F-i_EzaKCy4

ix. Addressed as Patron of National Webinar on "Saving Girl Child for Posterity and Prosperity" Organized by Department of Human Rights & NCC Unit, Babasaheb Bhimrao Ambedkar University, Lucknow on 24th January 2021. https://youtu.be/qQRdKmUiFPA

x. Delivered in E-Conference on Freedom of Speech & Expression and Responsibility of Media organised by Invertis Institute of Law, Invertis University, Bareilly on Article 19 (1) (a) and Responsibility of Media on 30 December, 2020 https://youtu.be/Sc8EOTu7FbE

xi. Deliverd lecture as delivered as Guest of Honour in the National Webinar sponsored by National Commission for Women, New Delhi and organised by Law School, Career Point University, Hamirpur, Himachal Pradesh on Cyber Crime against Women-Precautions & Strategies on December 24, 2020. https://youtu.be/elLgYmlGgYc

xii. Deliverd lecture as Resource Person in National Webinar on "Transgender and Their Human Rights" organised by JIMTEC School of Law, Greater Noida on 11th December, 2020. https://youtu.be/u4tku4YDae0

xiii. Addressed as Patron in National Webinar on "Impact of COVID-19 on Human Rights to Health" organised by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on December, 10th, 2020. https://youtu.be/-LxwEFJJZR8

xiv. Addressed as Patron in National Webinar on 'Satark Bharat, Samriddh Bharat" organised by CVO, Babasaheb Bhimrao Ambedkar University Lucknow on 29th October, 2020 https://youtu.be/zsY2Uc1uNxE

xv. Delivered a lecture in the online National Webinar through Google meet on 'Constitutionalism and Transformative Constitutionalism' organized by the Department of Law Gauhati University, Gauhati , Assam on 17 September 2020. https://youtu.be/0vOcnUig73c

xvi. Online Guest Speaker in National Webinar on ' Impact of COVID-19 Pandemic on Human Rights of Vulnerable Group' (Sexual Minorities and Women as Vulnerable on the Ground of Gender) on Zoom organized by Sri J N P G College, Dept. of Law, Lucknow on June 10th, 2020

xvii. Online Keynote Speaker in National E-Workshop of One Week (3-10 June, 2020) on 'Law, Governance and Management to Combat COVID-19Pandemic: Issues and Challenges' through Webex organized by MJP Rohilkhand University, Bareilly on June 9th, 2020 on the Topic 'Human Rights of Vulnerable Groups: International Perspectives'

xviii. Online speaker on YouTube Live streaming in National Webinar on RTI Act 2005: Issues and Challenges' organized by Department of Legal Studies and Research, Barkatullah Vishvavidyalaya, Bhopal, and spoken AS Resource Person on 'RTI Act: When, Why, What and Where.' on June, 4, 2020 https://youtu.be/I9rh9t_H6D8

xix. Online Presidential Address on YouTube Live Streaming in National Webinar on 'Pandemic, Global Health and the Response of International Law' orgnised by Department of Human Rights, SLS, BBA University, Lucknow on May, 20th, 2020 https://youtu.be/8SvU72np-NU.

Prof. Preeti Misra:

i. Short Term Course in E-contents/MOOCs Development & Delivery conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi during 15th May 2020 to 17th May 2020.

ii. "One-Day Online Workshop on Teaching-Learning through Moodle held on 23rd May 2020" in joint collaboration with the School of Education, Mahatma Gandhi Central, University Motihari, East Champaran, Bihar & School of Education, Babasaheb Bhimrao Ambedkar University, Vidya Vihar, Lucknow, U. P.

iii. Three Day Online Certificate Course on Right To Information from 19th – 21st June,2020 organized by Dr. Rajendra Prasad Law Institute, Kumaun University, Nainital

iv. Chaired a Session on "Human Rights and Vulnerable Groups" in International Conference organized by Dharamshashtra National Law University, Jabalpur M.P. held on 23rd January, 2021

v. Addressed as Director of National Webinar on YouTube Live Streaming on 'Pandemic, Global Health and the Response of International Law' orgnised by Department of Human Rights, SLS, BBA University, Lucknow on 20 May 2020 https://youtu.be/8SvU72np-NU

vi. Addressed as Co-Director of International Webinar on 'Quarantine and Prevention of Diseases: International and Comparative Law Perspectives' at CPGLS and Deptt. Of Human Rights, School of Legal Studies, BBAU, Lucknow, on 25 May, 2020. (https://youtu.be/Fn9tUMcucig)

vii. Addressed as Director and CVO in National Webinar on 'Satark Bharat, Samriddh Bharat" organized by Babasaheb Bhimrao Ambedkar University Lucknow on 29th October, 2020 https://youtu.be/zsY2Uc1uNxE

viii. Addressed as Director in National Webinar on "Impact of COVID-19 on Human Rights to Health" organised by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on December, 10th, 2020. https://youtu.be/-LxwEFJJZR8

ix. Addressed as Director of National Webinar on "Saving Girl Child for Posterity and Prosperity" Organized by Department of Human Rights & NCC Unit, Babasaheb Bhimrao Ambedkar University, Lucknow on 24th January 2021. https://youtu.be/qQRdKmUiFPA

x. Addressed as Director of National Webinar on International Women's Day, March, 8, 2021, on "Balancing Between Life and Work in COVID-19 A Challenging Scenario for Working Women" organised by Department of Human Rights and Centre of Post Graduate Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow . https://youtu.be/BTqCxjc56ZA

xi. Addressed as Director of National Webinar on Consumer Protection Laws-Some Challenges in National Webinar on World Consumers Rights Day on March 15 , 2021 organised by Department of Human Rights, Centre of Post Graduate Legal Studies and NCC Unit Babasaheb Bhimrao Ambedkar University. https://youtu.be/S5olBdQAm3g

Dr. Shashi Kumar:

i. Presented paper theme paper in National Webinar on "Impact of COVID-19 on Human Rights to Health" on Human Rights day , in DHR, BBAU on 10th December 2020,

ii. Presented paper in National Webinar on National Girl Child Day organized by DHR and NCC unit, BBAU 24th January 2021

Dr. Rashida Ather

i. One-week Online FDP on Innovative Teaching Learning Methods &Research in Law: Challenges Ahead from 13th to 18th July, 2020 at School of Law, Sharda University.

ii. Participated in One -Week (22-28 June, 2020) FDP on Teaching Pedagogy and Research Skills Post Covid-19 organised by JIMS Engineering, Management Technical Campus, Greater NOIDA.

iii. Presented a paper in International Webinar on "Quarantine and Prevention of Diseases: International and Comparative Law Perspective, " on May 25, 2020 in Centre of Post Graduate Legal Studies with Department of Human Rights, School of Legal Studies, BBA University, Lucknow.

iv. Five days online workshop on IPR, organised by Department of Law, SLS, BBAU from 1-5th February, 2021.

13. Attended/participated in Conferences/seminar/workshop outside Country

Prof. Priti Saxena:

i. Presented a paper on **"Constitutional safeguards for vulnerable groups"** and also Chaired a Technical Session in International Conference on 'Human Rights and Gender Justice' and presented a paper organiged on 13th December, 2020, jointly by Knowledge Steez, South Ural State University, **Russia,** University of Maribor, **Slovenia,** Legal Studies Association, **United States** and Youth for Human Rights International, India Chapter.(Facebook streaming)

ii. Presented paper titled "Judicial Journey in India to Read International Human Rights Laws to Protect Women" in 6th World Conference for Women Studies organised in collaboration with **University of Buffalo, Buffalo, New York, USA, ORGANIZED ON 30-31 OF OCTOBER 2020 (Virtual/Recorded)**.

14. Consultancy works:

Legal Aid Clinic provides free legal consultancy.

15. Details of invited lectures inside country:

Prof. Priti Saxena:

i. A special Guest lecture was given on the Topic 'Gender Justice and Gender Equity; on International women's Day organised by ICFAI University, Dehradun on March ,8, 2021. https://youtu.be/Tl1mcrh45JM

ii. Delivered Keynote lecture in Online Symposium on International Women Day, 8 March, 2021, organised by School of Law and Constitutional Studies, Shobhit Institute of Engineering and Technology, Deemed to be University, Meerut on Women in Leadership: Achieving an equal future in a COID-19 World. https://youtu.be/GOrWgRZ4gJc

iii. Panellist of SCIENCE, TECHNOLOGY AND INNOVATION POLICY (STIP) Post-Draft STIP Consultation with Thought Leaders and Representatives of Govt. Academia and Industry from Central Region of India on 24th January 2021 https://youtu.be/w80sE6_c6bU; https://youtu.be/zRldil-ODeo (25:30 minutes onwards on Rajya Sabha TV)

iv. Deliverd lecture as Resource Person on "Concept and Nature of Fundamental Rights in the Constitution of India" in lecture Series on Constitutional Law of India: Contemporary Issues" (7-12 December2020) organised by Siddarth Law College , Siddarth Group of Institutions, Dehradun on 12 December, 2020. https://youtu.be/2DO_nJoiuOg

v. Delivered lecture as Resource Person on "Generating Awareness on POSH" Webinar organised by Grievance Redessal Cell, MJP Rohilkhand University, Bareilly on 4th December, 2020.(https://youtu.be/8Q03vsHfuDw)

vi. Delivered a lecture in the online Webinar through Webex on 'National Education Policy 2020- Innovative, Participative and Transformative to meet Global Needs' organized by the Department of Laws, Panjab University Chandigarh on 24 September 2020. https://youtu.be/f-Ezu_l9o5E

vii. Delivered lecture as Keynote speaker in National Webinar on "Human Rights Day" organised by Institute of Legal Studies, SRM University, Lucknow on 10th December, 2020. https://youtu.be/tFAceLD8uL0

viii. Delivered lecture as Guest of Honour in National Webinar on "Human Rights in Present Scenario" organised by Faculty of Legal Studies, Motherhood University, Roorkee, Haridwar UK on 10th December, 2020.

ix. Delivered lecture as Speaker in National Webinar on Human Rights Duties and Responsibilities in 21st Century" organised by Chanakya national Law University, Patna, and spoken on 'Importance of Fundamental Duties in Achieving Responsible Citizenry in Rights Regime' on 10th December, 2020. https://youtu.be/-tLEw1Xor3

x. Delivered Keynote Speech in National Webinar on 'Implementation of the Rights for Persons with Disability Act 2018 and COVID-19 Scenario' organised by Tata Institute of Social Sciences(TISS) Mumbai and spoken on "Rights Jurisprudence of Persons with Disability-Judicial Perspective" on 3rd December, 2020. https://youtu.be/Hfx9N2MkCMA

xi. Delivered lecture as Resource Person in National Webinar on " Ideals of the Constitution of India" organised by Central University of South Bihar, in association with UGC and spoken on " Harmonisation of Fundamental Rights and DPSP" on 26th November, 2020. https://youtu.be/KCem_yHwFxM

xii. Delivered the online lecture through Google meet on the topic 'Human Rights of Education and Impact of COVID-19' in Short Term Course on Human Rights, organized for Teachers in Higher Education by UGC, HRDC, Kumaun University, Nainital on 10 September 2020. https://youtu.be/aTQGQi1er7Y

xiii. Delivered the online lecture through Google meet on the topic 'Human Rights of Age

based Vulnerable Groups- Children & Older Person' in Short Term Course on Human Rights, organized for Teachers in Higher Education by UGC, HRDC, Kumaun University, Nainital on 10 September 2020. https://youtu.be/jsaqXWAWC3I (Older Person) (https://youtu.be/3i10LlkPUqo Children)

xiv. Delivered the online lecture through Google meet on the topic 'Human Rights of Freedom of speech and Expression and Judicial Expansion' in Short Term Course on Human Rights, organized for Teachers in Higher Education by UGC, HRDC, Kumaun University, Nainital on 11 September 2020. https://youtu.be/-5zhfLxOTwQ

xv. Delivered the online lecture through Google meet on the topic 'Human Rights of Women and Working Women and Impact of COVID-19' in Short Term Course on Human Rights, organized for Teachers in Higher Education by UGC, HRDC, Kumaun University, Nainital on 12 September 2020. https://youtu.be/PA5ptEqHXXo

xvi. Delivered the online Lecture through Google meet on Role of Supreme Court in Ensuring Women Rights, in One Week Workshop on Gender Studies organized by, UGC HRDC , Jamia Millia Islamia Delhi on 28 August, 2020.(https://youtu.be/7surCS1Gzug)

xvii. Online Resource Person in a Webinar through Google Meet on 'Academic Integrity and Ethics in Research' organised by Central Agricultural University Imphal, Department of Fisheries Tripura, on the topic 'Promotion of Academic Integrity and Prevention of Academic Dishonesty: The Values of Research' on July 29th 2020 . (https://youtu.be/GLowngVkkBs)

xviii. Online Resource through Google Meet Person to present a paper on 'Indian Constitution and Citizens Duties' in in a program organised by NIPER-R National Institute of Pharmaceuticals Education Research, Rae Bareli on 24th July 2020, as part of MHRD derive.(https://youtu.be/YhHqjgOZ-3g)

xix. Online Resource Person through Zoom in One Week(6-10 July, 2020) FDP on 'Legal Research Methodology' organized by Faculty of Law, University of Lucknow, and spoken on 'Ethics in Research' on July 10th, 2020 (https://youtu.be/2lF8CygmQ4g)

xx. Online Guest Speaker in Inaugural Session through Zoom in One Week(6-10 July, 2020) FDP on 'Legal Research Methodology' organized by Faculty of Law, University of Lucknow, on July 6th, 2020 (https://youtu.be/4BggDneoz9Y)

xxi. Online Guest Speaker in Valedictory Session through Google Meet in One Week Online Workshop organized by NSS, Sikkim University, Gangtok and spoken on July 1st, 2020

xxii. Online Resource Person through YouTube Live streaming in One Week(22-28 June, 2020) FDP on Teaching Padogogy and Research Skills Post Covid-19 organised by JIMS Engineering ,Management Technical Campus, Greater NOIDA and spoken on 'Techniques of Constitutional Law Teaching and Emerging Issues' on June 26th, 2020 (https://youtu.be/k_k8UQHmMYk)

xxiii. Online Keynote Speaker in One Week(15-21 June, 2020) National FDP on 'Contemporary Changing Dimension of Law in India with Special Reference to Covid-19' through GotoWebinar organized by Amity Law School, Amity University, Lucknow on June 15th, 2020.(https://youtu.be/KH4yclbciO0)

xxiv. Online Lecture through Google Meet in 2nd Justice Late V.R. Krishna Iyer online lecture series organized by Department of Law, Sambalpur University, and spoken on ' Basic Structure Doctrine and Amendment Procedure' on June , 13th, 2020.(https://youtu.be/IpBA-s9qRPM)

xxv. Online Keynote Speaker in Webinar on Zoom organized by School of Law, Sangam University, Bhilwara, Rajasthan and spoken on 'COVID-19 Pandemic and Judiciary as a Disaster Manager' June 7th, 2020.(https://youtu.be/yv2zif-YanM)

xxvi. Online lecture on 19th May, 2020 at Google Meet platform to students of Invertis Institute of Law, Invertis University, Bareilly on ' Emergency Provisions Under the Constitution with Reference to Federalism'

xxvii. Online Live lecture on BBAU Social Media Facebook Live on May, 16, 2020 on 'COVID-19 Pandemic and Vulnerable Group from the Lens of Constitutional Governance' with 3.9K views (https://youtu.be/DImQp4tP75M)

Prof. Preeti Misra:

i. Human Rights of Vulnerable Groups With Reference to Victims of Domestic "Violence" In National Webinar on Post Graduate Department of Law, Sambalpur University Orissa on 11 June 2020.

ii. Panel Lecture on "COVID-19 and "Divorce" Resources for Individuals and Families and Surge in domestic violence" in National Webinar of Amity University, Lucknow on 16th June 2020 from 2:30 PM to 3:30 PM.

iii. "Human Rights of Vulnerable Groups With Reference to Victims of Domestic Violence" In Faculty Development Programme at ICFAI Law School, ICFAI University, Tripura on 4 July 2020. https://youtu.be/ZqQLo1C928k

iv. "Growing Sexual Offences Against Women in India: Need for Systemic Changes for the Empowerment of Women" in a National Webinar Organized by Nari Shiskha Niketan PG College, Lucknow under Mission Shakti Programme of U.P. Govt. on 25th October 2020 , https://youtu.be/MqVFygW8GmI

v. "Migrant Women Workers : Challenges to Implementation/Analysing Grassroot Impact of Law and Policy Measures" in a National Webinar organized by Dr Virendra Swaroop Institute of Professional Studies in Association With NCW on 11th November 2020, https://youtu.be/wPHzy2zD--g

vi. "Cyber Crime Against Women: Challenges and Safety Measures" in Natuional Webinar organized by Women Grievance Cell, Monad University, Hapur on 27 November 2020, https://youtu.be/dqR7sC0RY40

vii. "Covid-19 and Violation of Human Rights" in a National Webinar organized by IFTM University, Moradabad in the observance of International Human Rights Day on 10th December 2020.

viii. "Administration of Criminal Justice and Human Rights" organized by Institute of Legal Studies, Shri Ramswaroop Memorial University on 16 January 2021. https://youtu.be/bPhpiCx2gL0

ix. "Growing Violence Against Women in India vis -a vis Empowerment of Women for achieving an equal future" on 8th March 2021, BBD University Lucknow, https://youtu.be/Vy9Cu1gG1ig

x. "Violence Against Women: A Roadblock on Women Empowerment" 8th March 2021 Vikas law college, Bangarh, Orissa, https://youtu.be/pQLau2FgKFk

xi. "Legal Awareness on women Rights", Counsellor's Training Programme of DCP Apradh Sakha Lucknnow, 20 March 2021

Dr. Rashida Ather:

i. Addressed as coordinator in national webinar on Pandemic. Global Health and the Response of International Law in DHR, SLS, BBAU on May, 2020

ii. Addressed as coordinator of national webinar on Satark Bharat, Samriddh Bharat in DHR, SLS, BBAU, LUCKNOW ON 29 October, 2020

iii. Addressed as coordinator of National Webinar on “Impact of COVID-19 on Human Rights to Health” on Human Rights Day, in DHR, BBAU on 10th December 2020,

iv. Addressed as coordinator of Addressed as Patron of National Webinar on Saving Girl Child for Posterity and Prosperity, Organized by Department of Human Rights & NCC Unit, Babasaheb Bhimrao Ambedkar University, Lucknow-on 24th January 2021.

16. Students achievements:

i. Ph.D. Awarded during the year:

S. No.	Name of Ph.D. Students	Supervisor	Co-Super-visor	Title	Fellowship availed/ availing	Remarks
1	Mr. Girijesh Kumar Singh	Prof. Priti Saxena	-	Legal Protection and Status of Differently Abled Persons in India: A Study f Higher Educational Institutions in Lucknow, Uttar Pradesh	RGNF-PH SRF	Ph.D. Award on 06/08/2020
2	Ms. Preeti Bhasker	Prof. Preeti Misra	-	Physical Violence Against Women and Compensatory Jurisprudence with Special Reference to Acid Attack Victims Working in Sheroes Cafés of Uttar Pradesh	UGC SRF	Ph.D. Award on 06/08/2020

ii. Ph.D. Submitted during the year:

S. No.	Name of Ph.D. Students	Supervisor	Co-Super-visor	Title	Fellowship availed/ availing	Remarks
1	Ms. Manjari Rawal	Retd. Prof. S.K. Bhatnagar	-	Lok Adalats In India With Reference To The Functioning Of Lok Adalats In Lucknow Since 2010	RGNF	Ph.D. Submitted on 04/11/2019
2	Mr. Pramod Kumar	Dr. Rashida Ather	-	Legal Protection of Refugees: A Study in National and International Human Rights Perspectives	RGNF	Ph.D. Submitted on 09/11/2020
3	Mr. Manindra Kumar Singh	Retd. Prof. S.K. Bhatnagar	-	A Legal Study of Marine Environment with Special Reference to Conservation of Marine Fisheries	UGC JRF	Ph.D. Submitted on 10/11/2020
4	Mr. Satyendra Kumar Maurya	Retd. Prof. S.K. Bhatnagar	-	A Study of the Regulatory Framework for Misleading Advertisements with Special Reference to Consumer Interests	UGC JRF	Ph.D. Submitted on 04/12/2020

iii. Ph.D. student’s pursuing:

S. No.	Name of Ph.D. Students	Supervisor	Co-Super-visor	Title	Fellowship availed/ availing	Remarks
1	Mr. Deependra Nath Pathak	Retd. Prof. S.K. Bhatnagar	-	Legal Regulation of E-Commerce: A Study with reference to consumers Rights	UGC- Non NET Fellowship	Pre Ph.D. Seminar was held on 20/01/2021
2	Mr. Rajit Ram Sonkar	Dr. Rashida Ather	-	Right to Shelter- A Socio-Legal Study with Reference to Rural Areas of Lucknow District in Uttar Pradesh	RGNF	Pre Ph.D. Seminar was held on 25/01/2021
3	Ms. Indu Bala	Dr. Shashi Kumar	-	Right to sanitation in India: A Socio Legal Study with Special Reference to Lucknow city in Uttar Pradesh	RGNF	
4	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	
5	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	
6	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	
7	Jitendra Kumar Saroj	Prof. Preeti Misra	Dr. Shashi Kumar	सामाजकि कुपरथाएं, अनधवशिवास और महलिा मानवाधकिार: जौनपुर जलि के सनदर्भ में एक सामाजकि एवं वधिकि अध्ययन	UGC- Non NET Fellowship	
8	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	
9	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	
10	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	

11	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	
12	Shiv Kumar	Dr. Shashi Kumar	Prof. Preeti Misra	Privacy as a Human Right in Digital Age: A Socio-Legal Study of Social Media Users in India	UGC- Non NET Fellowship	
13	Deepika Rani	Prof. Priti Saxena	Dr. Rashida Ather	Title is not decided to yet time	UGC- Non NET Fellowship	Ph.D. Course Work Result Declared on Dec., 2020
14	Deepak Yadav	Dr. Shashi Kumar	-	Title is not decided to yet time	UGC- Non NET Fellowship	Course work pursuing
15	Shalini Singh Tomar	Prof. Priti Saxena		Access to Justice.	UGC- Non NET Fellowship	Department of Law

iv. LL.M. Dissertations (Equivalent to M. Phil):

Awarded in June 2020

Sl. No	Name of Students	Supervisor	Co- Supervisor	Dissertation Title
1	Shailesh Kumar Singh	Prof. Priti Saxena	Dr. Rajeev Kumar Singh	E-Waste Rules and its Management in India
2	Vijay Lakshmi	Prof. Priti Saxena	Dr. Vijay Kumar Bhaskar	Judicial Legislation in India: An Intervention into Separation of Power
3	Tanuj Kumar	Dr. Rashida Ather	Dr. Rajeev Ranjan	A Legal Study of Divorce under Muslim Law
4	Anusri Srivastava	Dr. Shashi Kumar	Prof. Priti Saxena	भारत में वृद्ध व्यक्तियों के अधिकारों के संरक्षण का अध्ययनः लखनऊ षहर के विषेश संदर्भ में
5	Namrata Sharma	Prof. Priti Saxena	Dr. Rajeev Kumar Singh	Child Labour
6	Anjani Kumar Gupta	Dr. Rashida Ather	Dr. Vijay Kumar Bhaskar	Mob Lynching in India : Art 21 of The Indian Constitution as Human Right
7	Aishwarya Pratap Singh Rathore	Prof. Priti Saxena	Dr. Rajeev Ranjan	Constitutional Morality in Comparison to Religious Morality with Special Reference to Sabarimala Judgment
8	Prince Dikshit	Dr. Rashida Ather	Dr. Rajeev Kumar Singh	भारत में न्यायिक सक्रियता : सूचना के अधिकार के संदर्भ में एक विधिक अध्ययन
9	Prerit Narayan Mishra	Prof. Preeti Misra	Dr. Vijay Kumar Bhaskar	Rights of Transgenders in Relation to Right to Privacy Under Article- 21
10	Sunil Kumar	Dr. Shashi Kumar	Prof. Preeti Misra	Harassment and Regeneration of Child Laborers

11	Km Sharmila	Dr. Shashi Kumar	Prof. Preeti Misra	महिलाओं के अधिकारों के संरक्षण एवं कल्याण में उ०प्र० राज्य महिला आयोग की भूमिका का अध्ययन
12	Mahima	Dr. Shashi Kumar	Dr. Rashida Ather	"ग्रामीण क्षेत्र की महिलाओं का उत्पीड़न एवं उत्थानः ग्राम जोगिया (जिला महाराजगंज उत्तर प्रदेश) का विशेषणात्मक अध्ययन"
13	Priyanka	Dr. Shashi Kumar	Dr. Rashida Ather	अनुसूचित जाति एवं जनजाति के अधिकारों तथा स्थिति का ग्राम जमुनीपुर (आजमग
14	Rahul Kumar Pankaj	Prof. Priti Saxena	Dr. Rajeev Ranjan	भारत में प्राथमकि शक्षिा का अधकिार: एक सामाजकि वधिकि अध्ययन
15	Anikaet Solanki	Prof. Preeti Misra	Dr. Rajeev Kumar Singh	Sexual Harassment of Women at workplace with reference to Lucknow
16	Kamini Gautam	Prof. Preeti Misra	Dr. Vijay Kumar Bhaskar	अन्तर्राष्ट्रीय मानवीय विधि और सशस्त्र संघर्ष के समय नागरिकों का संरक्षण तथा अधिकार–सीरियाई विवाद
17	Avnish Pratap Raaz	Dr. Rashida Ather	Dr. Rajeev Ranjan	विष्वविद्यालय स्तर पर विद्यार्थियों के मध्य मानवाधिकारों की जागरूकता का अध्ययन
18	Reema Choudhary	Dr. Rashida Ather	Dr. Rajeev Kumar Singh	Protection of Refugee in India (A Study with Special Reerence to Rohingyas
19	Ravi Prakash	Prof. Preeti Misra	Dr. Vijay Kumar Bhaskar	Critical Evaluation of Fundamental Duties of Part IVA of Constitution
20	Pavan Kumar Raw	Prof. Preeti Misra	Dr. Rajeev Ranjan	असंगठति क्षेत्र के श्रमकिों की समस्याओं एवं अधकिारों का एक वधिकि अध्ययन

v. Work in progress:

Sl. No	Name of Students	Supervisor	Co- Supervisor	Dissertation Title
1	Pranjal Kharbanda	Prof. Priti Saxena	Dr. Rashida Ather	CONSTITUTIONAL LAW (with special Reference to Contempt of Court viz-a-viz Right to Speech and Expression)
2	Jhanak Bhawnani	Prof. Priti Saxena	Dr. Rashida Ather	Right to health amidst Covid 19
3	Vaibhav Pandey	Prof. Priti Saxena	Dr. Rajeev Kumar Singh	Study of Gender Neutral Offences in perspective of Human Rights
4	Hrishikesh Yadav	Prof. Priti Saxena	Dr. Vijay Kumar Bhaskar	judiciary: a comprehensive criticism
5	Km Pushpa	Prof. Preeti Misra	Prof. Priti Saxena	Contempt of court with special reference right to speech and expression in India
6	Kumkum Yadav	Prof. Preeti Misra	Dr. Vijay Kumar Bhaskar	Daughter's property rights

7	Kushagra Upadhyay	Prof. Preeti Misra	Dr. Rashida Ather	Relevancy of Independence of judiciary and democracy: Transparency,accountability and appointment
8	Ashish Kumar Yadav	Prof. Preeti Misra	Dr. Shashi Kumar	Custodial violence and human Rights
9	Kavita Srivastava	Dr. Vijay Kumar Bhaskar	Prof. Priti Saxena	Education System in India
10	Akshata Singh	Dr. Rashida Ather	Prof. Priti Saxena	Rights of LGBT community and related issues
11	Saurabh Prajapati	Dr. Rajeev Kumar Singh	Prof. Preeti Misra	Implementation of women rights in India : a critical analysis
12	Ajay Tomar	Dr. Rashida Ather	Dr. Rajeev Kumar Singh	MARITAL RAPE IN INDIA
13	Kirtika Singh	Dr. Rashdia Ather	Prof. Preeti Misra	Understanding the challenges and rights of LGBTQ and movements approaches and impact of law and governance.
14	Abhishek Agnihotri	Dr. Vijay Kumar Bhaskar	Prof. Priti Saxena	वर्तमान परिदृश्य में महिलाओं की वैधिक प्रस्थिति: एक समग्र अवलोकन
15	Shivani	Dr. Rashida Ather	Dr. Rajeev Kumar Singh	Women's rights to divorce and property rights in hindu and Muslim law :A critical study of cultural practices in the name of religion .
16	Kaushal Kishor	Dr. Rajeev Kumar Singh	Prof. Preeti Misra	Women right
17	Vivek Kumar	Dr. Shashi Kumar	Dr. Vijay Kumar Bhaskar	Right to Education And Access OF ICT to Primary Level Students of CBSE and UP Board : A Comperative Study During COVID-19 Pandemic In Gorakhpur City.
18	Atul Kumar	Dr. Rajeev Kumar Singh	Dr. Vijay Kumar Bhaskar	महिला एवं उनके मानवाधिकार
19	Mukesh Kumar	Dr. Shashi Kumar	Dr. Rashida Ather	A critical evaluation of the role of of criminal law and judiciary in preventing sexual offenses against women in the the changing scenario.
20	Gopi Chandra	Dr. Shashi Kumar	Dr. Vijay Kumar Bhaskar	Dalit and tribal
21	Mayank Siddharth	Dr. Shashi Kumar	Dr. Rajeev Kumar Singh	Human Right violation By the state agencies - police or para military forces.
22	Basantu Ram	Dr. Rajeev Kumar Singh	Prof. Preeti Misra	Rights of Victims
23	Tusha Gautam	Dr. Vijay Kumar Bhaskar	Dr. Shashi Kumar	Impact of Globalization on H.R
24	Arvind Kumar Chaudhary	Dr. Vijay Kumar Bhaskar	Dr. Rajeev Kumar Singh	Rights of worker during covid 19 pandemic
25	Shashank Lal	Dr. Rajeev Kumar Singh	Dr. Shashi Kumar	Child labour

26	Kirti Arya	Dr. Vijay Kumar Bhaskar	Dr. Shashi Kumar	Domestic violence

vi. Accomplishments of Students:

Number of students completed their Masters/graduation/Diploma	20
Number of student selected on other government jobs/banking/ school/teaching etc	03+
Number of Students awarded SLET/NET/JRF/RGNF/ any other fellowship	08

17. Google profile of the faculty member:

Prof. Priti Saxena: Yes

Department of Law

The Department of Law started from Session 2008-09 within the School for Legal Studies offering four-Semester programmes in Law. The main objective of the Department is to impart quality legal education and to prepare the students for socially responsible, make them self-employed, and well- placed in Supreme Court of India, High Courts, national and international organizations, non-governmental organizations, reputed corporate law firms, multi-national corporations, Banks and Bar. The objective is also to give them skills to develop art of advocacy and Para-logic for any social issues relating to the present day problem. During the course, emphasis is also given to acquaint the students with modern areas of law such as Intellectual Property law, environmental law, Law and Sustainable Development, Law and Bio-technology, Information Technology Law, ADR and Arbitration Law, Cyber Laws, International Trade Law etc. Further constant efforts are made to develop a taste amongst the students in the current areas of national international issues relating to climate change and disarmament (nuclear weapons) are deliberated in Seminars and Conferences with the objective to sharpen their argument and develop legal reasoning.

Objective

i. To evolve and impart comprehensive legal education and to achieve excellence.

ii. To produce able, competent and humane, Teachers, lawyers, social activist, judicial officers, legal adviser in governmental and non-governmental organization.

iii. To promote advance studies and research in all branches of law

iv. To inculcate cultural, legal and ethical values with a view to foster the rule of law and the objective enshrined in the constitution of India.

v. To empower the citizen through legal awareness by making them aware of their rights and duties.

The department is going to open different Centre's of excellence in area of Law and Governance, Environmental Law, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

1. Courses Offered:

i. LL.M. (Two Year Course)

ii. Ph.D.

iii. B.B.A. LL.B. (H) (Five Year Course)

2. 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

- Assistant 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

- **Assistant Professor**
- **Specialization:** Environmental Law, Jurisprudence, Intellectual Property Law
- **Qualification:** LL.M. (AMU Aligarh) Ph.D. (MDU, Rohtak) (NET)

v. Dr. Pradeep Kumar

- **Assistant 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)

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

i. National Webinar on Topic "Methods of Legal research," held on 30 may 2020, Organized by Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Organizing Secretary and Nodal Officer for "Citizens Duty Awareness programme" (CDAP) run under Department of Justice, Ministry of Law and Justice to celebrate Constitutional Day on 26th November 2020. Letter No.1087/Estt./BBAU/2020/, Dated 13/08/2020.

iii. International Webinar organized by Department of Law on the occasion of "Constitutional Day" on 26th November 2020.

iv. Organized Human Rights Day on 10th December 2020, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

v. Department of Law is organising Online 5 Days Workshop on Awareness of IPR in collaboration of CIIPAM (Cell for IPR Promotion and Management).

4. Other Departmental Level Academic Activates:

i. Organised Literary and Cultural Festival (AHSAAS) on 23rd December, 2020 in Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow

ii. Organised Intra Moot Court Competition on 11-12th January, 2021 in Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

5. Co-curricular/Extra-curricular/sports Activities:

- Cultural Programs organized by students on various occasions like Teachers Day, Plantation etc;

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

Prof. . Sanjeev Kumar Chadha

i. Indian Society of International Law, New Delhi. Life Member, Membership No.- 385.
ii. Indian Law Institute, New Delhi, Life Member, Membership No.- L-1726.
iii. All India Law Teachers Congress, Member, Membership No.- 362.
iv. Indian Social Science Congress, Till Life, Membership No.- LF/1038/214/2007.

Dr. Sufiya Ahmed

i. Life Member All India Rights Organization, Lucknow
ii. Member, Editorial Committee, Azad Academy Journal.

Dr. Anis Ahmad

- Life Member All India Law Teachers Congress, New Delhi

7 . Details of Books written/edited by faculty members

DR. SUFIYA AHMED

Ahmed, Sufiya (Ed.) (2020), Surrogacy and ART in India: Socio-Legal andEthical Dilemma, Satyam Law International, New Delhi.

8. Details of Book Chapter in edited volume:

Prof. . Sanjeev Kumar Chadha

Chadha, Sanjeev Kumar, First Author, Topic "Social Acceptance of Surrogate Motherhood and Rights of Women In Surrogacy" Peer Reviewed , Edited Book "Surrogacy & Art In India, Socio- Legal and Ethical Dilemma," (2020) Edited by Dr Sufiya Ahmed, Published by Satyam Law International, ISBN 978-93-87839-57-1, Page 267-276 (BOOK Chapter)

Dr. Sufiya Ahmed

Published a chapter titled *Posthumous Assisted Reproduction: Legal-Ethical Challenges in* Sufiya Ahmed (Ed.), *Surrogacy and ART In India: Socio-Legal and Ethical Dilemma* ISBN: 978-93-87839-57-1 Satyam Law International, New Delhi.

Dr. Anis Ahmad

Anis Ahmad &Mujibur Rehman,(2021) "Child Protection and Welfare Legislations and Judicial Response in India: A Critical Analysis:" Published in Child Rights & Child Protection Issues, Challenges and Strategies, by Satyam Law International, New Delhi. ISBN No. 978-81-949509-2-9, Page No.69 to …(BOOK Chapter)

Dr. Pradeep Kumar

Dr. Pradeep Kumar and Sateesh Kumar (2021) "Judicial Activism Human Rights Trough Constitutional Perspective" Published in Human Rights and Justice Under Constitution of India Realizing the Promise for Ourselves, by A. P. H. Publishing Corporation, New Delhi, ISBN No. 978-93-89875-76-8, pp 53 to 66 (BOOK Chapter)

Dr. Mujibur Rehman

Anis Ahmad & Mujibur Rehman, (2021) "Child Protection and Welfare Legislations and Judicial Response in India: A Critical Analysis:" Published in Child Rights & Child Protection Issues, Challenges and Strategies, by Satyam Law International, New Delhi. ISBN No. 978-81-949509-2-9, Page No.69 to … (BOOK Chapter)

9. Paper Published during the year by the faculty members:

Prof. Sudarshan Verma

i. Prof. Sudarshan Verma "Drug Traffcining and Drug Addiction a Menace to Society: A Legal Analysis in Indian Scenario" Vol. 47 Issue No.02-3 Indian Bar Review, New Delhi, (April-Sep., 2020).
ii. Prof. Sudarshan Verma "Laws in India for Protection of Women's Human Rights in the Era of Cyber Space: An Analyses" Vol. 47 Issue No.04 Indian Bar Review, New Delhi, (Oct- Dec, 2020)
iii. प्रो0 सुदर्शन वर्मा, ''भारत में कोविड–19 महामारी काल में स्वास्थ्य के मानवाधिकार का संरक्षण नई दिशाएँ वार्षिक अंक–17–2020 राष्ट्रीय मानव अधिकार आयोग, नई दिल्ली. ISSN 0973-7588
iv. Prof. Sudarshan Verma "Protection of children from sexual offences by the legislative and judicial pronouncement in India: a fragile myth" Published in "Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, ISSN 2249 – 6661 (Print), Volume 44, Issue 01, (H) January to March 2021, Page No 80 – 87.
v. प्रो0 सुदर्शन वर्मा, ''नये कृषि कानूनों के माध्यम से कृषि एवं कृषकों के हितों के संरक्षण एवं संवर्धनः संशय/समाधान,'' महिला विधि भारती, जनवरी से मार्च 2021 अंक 107 ISSN 0976-0024
vi. प्रो0 सुदर्शन वर्मा, जारता का अपराधः ''जोसेफ शाइन बनाम भारत संघ के निर्णय के पश्चात् संवैधानिक एवं विधिक स्थिति'' शोध सरिता, वाल्यूम 7 इसू 28, अक्टूबर से दिसम्बर, 2020, ISSN 2348-2397
vii. प्रो0 सुदर्शन वर्मा ''भारत में महिलाओं के विरूद्व साइबर अपराधः एक विधिक अध्ययन'' शोध संचार बुलेटेन वाल्यूम 7 इसू 28, जनवरी से मार्च, 2021, ISSN 2348-2397

Prof. Sanjeev Kumar Chadha

i. Chadha, Sanjeev Kumar, First Author "Legalization of Euthanasia : A Juridical Journey from Value of Life to Dignified Death," Published in " Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, Impact Factor 5.80, ISSN 2249 – 6661 (Print), Volume 43, Issue 03, July - September 2020, Page No 530 – 537.
ii. Chadha, Sanjeev Kumar, First Author "Covid-19 and Domestic Violence : The Current Legal Challenges and Important Strategies in Indian Perspective," Published in " Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, Impact Factor 5.80, ISSN 2249 – 6661 (Print), Volume 43, Issue 03, July - September 2020, Page No 538 – 542.
iii. Chadha, Sanjeev Kumar, First Author "Puzzles of Passive Euthanasia: Issues and Challenges in 21st Century," Published in "Wesleyan Journal of Research" An UGC Approved, UGC Care Listed in Multidisciplinary, Serial No 44 UGC, Peer Reviewed and Referred Journal, ISSN 0975-1386 (Print), Volume 13, Number 19, September 2020, Page No 17 – 27.
iv. Chadha, Sanjeev Kumar, First Author "Interpretation of Article 21: A Journey from Japan to USA," Published in "Wesleyan Journal of Research" An UGC Approved, UGC Care Listed in Multidisciplinary No 44 UGC, Peer Reviewed and Referred Journal, ISSN 0975-1386 (Print),

Volume 13, Number 19, September 2020, Page No 89 – 101.

v. Chadha, Sanjeev Kumar, First Author "Life of Sex Workers During Covid19 : Pain and Greif," Published in "Dehradun Law Review" An UGC Approved, UGC Care Listed , Peer Reviewed and Referred Journal, ISSN 2231 – 1157 (Print), Volume 12, Issue 01, November 2020, Page No 77– 86.

vi. Chadha, Sanjeev Kumar, Single Author "Artificial Intelligence Through A Legal Vista : A Boon, Bane or An Opportunity for Upgradation of Humanity," Published in " Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, Impact Factor 5.80, ISSN 2249 – 6661 (Print), Volume 43, Issue 04, (H) October - December 2020, Page No 222 – 228.

vii. Chadha, Sanjeev Kumar, First Author "Preventing Mob Lynching In India: Need for Effective Regulatory Framework," Published in " Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, Impact Factor 5.80, ISSN 2249 – 6661 (Print), Volume 43, Issue 04, (H) October - December 2020, Page No 229 – 234.

viii. Chadha, Sanjeev Kumar, First Author "Rights of the Migrant Workers Inter – Alia Human Rights" Published in "Indian Bar Review," ISBN 9788193198100, Volume 47 (4) Special Issue on "Human Rights," Peer Reviewed, and UGC Approved Journal, Serial No. 41332, Issue 04, December 2020. Page No.313 – 326.

ix. Chadha, Sanjeev Kumar, First Author " Challenges to efficient and effective Legal Aid" Published in "Wesleyan Journal of Research," ISSN 0975-1386 (Print) Volume 14 No. 01 (5), Issue January 2021, an International Research Journal, Peer Reviewed, An UGC Approved, UGC Care Listed in Multidisciplinary No 44 UGC, Page No. 132-137.

x. Chadha, Sanjeev Kumar, First Author "Trafficking of Child, Child Labour and Migrant Child Workers: Issues and Challenges" Published in "Wesleyan Journal of Research," ISSN 0975-1386 (Print) Volume 14 No. 01 (5), Issue January 2021, an International Research Journal, Peer Reviewed, An UGC Approved, UGC Care Listed in Multidisciplinary No 44 UGC, Page No. 138 – 143.

Dr. Sufiya Ahmed

i. Dr. Sufiya Ahmed, VirVikramBahadur Singh, "Legal Status of Fetus under Indian Perspective"***Ad Valorem: Journal of Law,***Vol :7, Issue: II, April-June:2020, PP.65-70.

ii. Dr. Sufiya Ahmed, VirVikramBahadur Singh, "Medical Termination of Pregnancy in India" ***Essence: International Journal for Environmental Rehabilitation and conservation*** XI (1): 28-37, June 2020.

iii. Dr. Sufiya Ahmed, VirVikramBahadur Singh, MEDICAL TERMINATION OF PREGNANCY: A JURIDICAL ANALYSIS,***Wesleyan Journal of Research***, (UGC Care Journal) Vol.14 No.04 (March 2021)

iv. Dr. Sufiya Ahmed,Mohan Kumar Gond, REGULATING SURROGACY IN INDIA: A CRITICAL ANALYSIS OF LAWS AND POLICIES,***Sambodhi*** (UGC Care Journal) ISSN: 2249-6661 Vol-44, No.-1, (VI) January-March (2021)

v. Dr. Sufiya Ahmed, "Fair Dealing in Indian Copyright Law''*Journal of Intellectual Property Rights,*Vol 26, March 2021, pp 96-102

Dr. Anis Ahmad

i. Anis Ahmad "Human Right to Sanitationand Sustainable Development in India:From Legality to Reality" Vol. 47 Issue No.04Indian Bar Review, New Delhi, (Oct- Dec, 2020).

ii. डा0 अनीस अहमद सुवेक सिंह चौहान कोरोना काल में मानव अधिकारः स्थिति एवं चुनौतियाँ नई दिषाएँ

वार्षिक अंक–17–2020 राश्ट्रीय मानव अधिकार आयोग, नई दिल्लीः

Dr. Pradeep Kumar

i. Dr. Pradeep Kumar and Ranjeet Bharti, "Effect of Naxalism on Human Rights : A Critique" Vol. 47(4) 2020 (October to December 2020) **INDIAN BAR REVIEW** (A Referred Journal) ISBN 978-81-931981-0-0. pp 383-391

ii. डा0 प्रदीप कुमार, ''कोविड–19 काल में मानवाधिकार संरक्षण में राज्य की भूमिका'' नई दिशाएँ वार्षिक अंक–17–2020 राष्ट्रीय मानव अधिकार आयोग, नई दिल्ली. ISSN 0973-7588

iii. डा0 प्रदीप कुमार ''कोविड 19 महामारी के दौर में प्रवासी श्रमिकों के मानव अधिकारों का उल्लंघन एवं संवर्धन/संरक्षण में केन्द्र सरकार की भूमिका'' Published in "Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, ISSN 2249–6661 (Print), Volume 44, Issue 01, (II) January to March 2021, Page No 37 – 41.

iv. डा0 प्रदीप कुमार ''राष्ट्रीय मानव अधिकार आयोग के कार्यो एवं उपलब्धियों का संक्षिप्त मूल्यांकन'' शोध सरिता, वाल्यूम 8 इसू 29, जनवरी से मार्च, 2021, Page No 195.198, ISSN 2348-2397.

Dr. Mujibur Rehman

i. Mujibur Rehman & Shubhyanka Rao, "Putting Older People at the Heart of Nation: Recognizing the Human Rights of Aged People" Vol. 47(4) 2020 (October to December 2020) ***INDIAN BAR REVIEW*** (A Referred Journal) ISBN 978-81-931981-0-0. Page No. 373-382.

ii. Participated in UGC Sponsored 15th 2-Week Online **Refresher Course** in Human Rights and Social Inclusion (ID) from 07 September to 19 September 2020 Conducted by UGC-HRDC JAMIA MILLIA ISLAMIA, New Delhi, and obtained Grade- A.

10. Attended/ participated in Conferences/seminar/ workshop Inside Country-

Prof. Sudarshan Verma

i. Director of National Webinar "Methods of Legal Research" 30th May, 2020 organized by Department of Law, SLS, BBAU, Lucknow.

ii. Director of one day International Webinar on "Fundamental Duties under Indian Constitution: Importance and implementation" 26th Nov, 2020 organized by Department of Law , SLS,BBAU, Lucknow,

iii. Director of Human Rights Day on 10th December 2020, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

iv. Director of Online 5 Days Workshop on Awareness of IPR in collaboration of CIIPAM (Cell for IPR Promotion and Management). organizing by Department of Law

Prof. Sanjeev Kumar Chadha

i. Coordinator of National Webinar "Methods of Legal Research" 30th May, 2020 organized by Department of Law, SLS, BBAU, Lucknow.

ii. Coordinator of one day International Webinar on "Fundamental Duties under Indian Constitution: Importance and implementation" 26th Nov, 2020 organized by Department of Law, SLS, BBAU, Lucknow,

iii. Coordinator of Human Rights Day on 10th December 2020, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

iv. Coordinator of Online 5 Days Workshop on Awareness of IPR in collaboration of CIIPAM (Cell for IPR Promotion and Management). Organizing by Department of Law

v. Participated in National Webinar on Topic "Pandemic, Global Health and The Responce of

International Law" organized by Department of Human Rights, BabasahebBhimraoAmbedkar University, Lucknow held on 20 th May 2020.

vi. Participated in International Webinar on Topic "Quarantine and Prevention of Diseases: International and Comparative Law Perspectives" organized by Department of Human Rights, BabasahebBhimraoAmbedkar University, Lucknow held on 25 th May 2020.

vii. Participated in National Webinar on Topic "Online Learning: 21 st Century Education at Crossroads" organized by Shri Jai Narain Mishra P.G College, Lucknow. Held on 26 th May 2020.

Dr. Sufiya Ahmed

i. Participated in National Webinar on Topic "Pandemic, Global Health and The Responce of International Law" organized by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow. held on 20 th May 2020.

ii. Participated in International Webinar on Topic "Quarantine and Prevention of Diseases: International and Comparative Law Perspectives" organized by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow. held on 25 th May 2020.

iii. Attended seven days virtual FDP on Contemporary Issues in Law organised by the School of Legal Studies, CUSAT from 17-24th June 2020.

iv. Participated in International Webinar on the topic " Impact of Covid-19 on Human Rights of Vulnerable Group" organized by Sri Jai NarainMisra P.G. College KKC Lucknow on 10th June 2020.

v. Participated in one day national webinar on Impact of Covid-19 on Indian Economy, Ecology and Environment on 5th June 2020 organised by Indira Gandhi Technological and Medical Sciences University, AP.

vi. Participated in a webinar on the people and the principles behind nature- the what, the why and how, held on 18th June 2020 organised by Springer Nature.

vii. Participated in the International Virtual Conference on Globalisation of Justice through ADR held on 13th July 2020 organised by Law Society, Aligarh.

viii. Participated in International Webinar on Coronavirus Crisis- Increase of Domestic Violence Cases during Lockdown held on 02 June 2020 organised by The Icfai University, Dehradoon.

ix. Participated in Panel discussion on Increasing Assertion of Online Acadmia: Prospects and challenges, on 14th June 2020 organised by BBDU, Lucknow

x. Participated in two days webinar on self introspection# Locldown on May 20-21, 2020 organised by National P.G. College, Lucknow.

xi. Dr. Anis Ahmad

xii. Participated in National Webinar on " Pandemic, Global Health and Response of International Law" 20th May , 2020 organized by Department of Human Rights , SLS,BBAU, Lucknow,

xiii. Participated in National Webinar "Methods of Legal Research" 30th May, 2020 organized by Department of Law, SLS, BBAU, Lucknow.

xiv. Participated in Online Webinar on "International Copyright Treaties and its relevance for Digital Platforms" on 06th June, 2020 organised by Legal Aid Committee of RMLNU, Lucknow.

xv. Participated in one Week online Professional Development Programme for young Professionals-2020 (PDP) on June 11-16,2020 organized by MadhuLimye Library,RMLNU, Lucknow.

xvi. Attented International Webinar on "COVID-19 and Environmental Linkages" on 29th June, 2020organised by Department of Environmental Science, in collaboration with Society for

Environmental Sustainability & Springer Nature.

xvii. Participated in one Weekonline Faculty Development Programme (FDP) 13th July 2020 -18th July, 2020 organized by School of Law, Sharda University, NCR,Delhi.

xviii. Participated in Online Webinar on "Constitutional Morality: Cataclysm, Conundrum or A Catastrophe" on 01 August, 2020,organized by School of Law, Sharda University, NCR,Delhi.

xix. Participated in International Virtual Conference on "International Health Laws During COVID-19: A Perspective" on 12th August, 2020, organized by Faculty of Law, Aligarh Muslim University,Aligarh.

xx. Participated in National Webinar on "Labour Law Reforms in India in Post Covid-19 Era" 22th August, 2020 organisedby RMLNU, Lucknow.

xxi. Participated in National Webinar on "A Paradigm Shift in Land Acquisition vis-à-vis Industrial growth in India" on 30th August, 2020 organized by NERIM, Affiliated to Dibrugarh University, Gauhati.

xxii. Participated in online Webinar on " Migrant Women Workers in India during COVID-19: Iusses& Challenges" on 31st August,2020organized by School of Law, Sharda University, NCR,Delhi.

xxiii. Participated in one Week online Faculty Development Programme (FDP) on " Climate Change and Environment Legal Protection" from 07th to 11th September,2020 under the UGC- STRIDE Project, Department of Law, School of Legal Studies, Central University of TamilNadu.

xxiv. Participated in Online International Webinar on "Counter- terrorism and Human Rights" on 08th September, 2020, School of Law, CHRIST University, Noida.

xxv. Participated in National Webinar on "Constitutionalism and Transformative Constitutionalism" on 17th September, 2020, Department of Law, Gauhati University.

xxvi. Participated in International Workshop on "Dynamics of Gender Justice and Violence Against Women: Issues, Challenges and Remedies" on 3rd, 4th and 5th October, 2020, Sexual Harassment Prevention Cell, Bankura University, West Bengal.

xxvii. Participated in Online International Webinar on " Thoughts of Jagat Guru Nanak DevJi in reference of Indian Philosiphy" organized by Indira Gandhi Centre for the Arts , Indian Council for Philosophical Research, New Delhi and Punab University, Chandigarh, on 05th Oct,2020.

xxviii. Participated in Vigilance Awareness Week 27th Oct,2020 to 02nd Nov,2020 on the theme " Vigilant India, Prosperous India" on 29th Oct,2020 organised by BBAU, Lucknow

xxix. Participated in one day International Webinar on "Fundamental Duties under Indian Constitution: Importance and implementation" 26th Nov, 2020 organized by Department of Law , SLS,BBAU, Lucknow,

xxx. Participated in Five days Virtual Workshopon Intellectual Property Rights: Awareness and Mangement held from 23rd to 27 th November 2020 organized by School of Law, Sharda University, NCR,Delhiin collaboration of Cell for IPR Promotion and Management (CIPAM) is professional body under the aegis of Department for Promotion of Industry and Internal Trade, Ministry of Commerce &Industry, Government of India.

xxxi. Participated in National Conference on "Laws and Policies relating to Agriculture Sector in India" 31st Jan, 2021organisedby RMLNU, Lucknow.

xxxii. Presented paper on" Geneva Convention and Humanitarian Law: A Analysis" in one day International Seminar "Protection of Human Rights In the era of Globalisation: Contemporary Issues and Challenges"03rd Feb,2021 organized by Centre for Envirnmental Studies, Geeta

Institute of Law, Panipat,Deelhi NCR

Dr. Pradeep Kumar

i. Participated in the One Week National Level Online Professional Development Programme for Young Law Professional -2020, 11-16 June 2020 Organized by Madhu Limaye Library, Dr. RMLNLU Lucknow.

ii. Participated in the One Week Faculty Development Programme, on Technology and Instructional Reforms with refrence to online Teaching Learning & Evolution 15-20 July 2020 Organized by CALEM, Punjab University Chandigarh.

iii. Participated in the One Week Faculty Development Programme, in "LAW AND THE VULNERABLE" 18-25 August 2020 organized by Karnataka State Law University.

iv. Participated in National Webinar on "Methods of Legal Research" on 30th May, 2020 organised by Department of Law, SLS, BBAU, Lucknow.

v. Participated in an International Webinar on "Fundamental Duties under Indian Constitution: Importance and Implementation" held on 26th November, 2020 organized by Department of Law, SLS, BBAU, Lucknow.

vi. Participated in **Five Days National Workshop** on **Intellectual Property Rights** held from February 01 to 05, 2021, organized by Department of Law). Babasaheb Bhimrao Ambedkar University, Lucknow, in association with Cell for IPR Promotion and Management (CIPM).

Dr. Mujibur Rehman

i. Participated in National Webinar on "Pandemic, Global Health and Response of International Law" on 20th May, 2020 organized by Department of Human Rights, SLS, BBAU, Lucknow.

ii. Participated in National Webinar on "Methods of Legal Research" on 30th May,2020 organised by Department of Law, SLS, BBAU, Lucknow.

iii. Participated in National Webinar on "Gender Based Violence and Legal Remedies During COVID-19" on 29th August,2020 organised by Association for Advocacy and Legal Initiatives (AALI) Lucknow.

iv. Participated in National Webinar on "Migrant Women Workers in India during COVID-19: Issues and Challenges" on 31st August, 2020 organized by School of Law, Sharda University, Greater Noida, U.P.

v. Participated in National Webinar on "Digital India: Benefits and Challenges" on 15th September, 2020, organized by Late Shyamta Prasad Chaudhary Mahilla P.G. College, Shravasti, U.P.

vi. Participated in an International Virtual Conference on the theme " Becoming a Global Citizen-Skills and Approach" on 26th September,2020 organized by Law Society, Aligarh Muslim University, Aligarh, India.

vii. Participated in National Webinar on "Gender Justice & Role of Youth" on 30th September,2020, organized by School of Law, JIMS Engineering Management Technology Campus, Greater Noida.

viii. Participated in Two Days International Webinar on "Development Communication for a Sustainable Future: Revisiting the Gandhian Model of Environmentalism" on the occasion of 150th Birth Anniversary of Mahatma Gandhi, held on 20th and 21st October, 2020 by Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow.

ix. Participated in National Webinar in the Observance of 'Vigilance Awareness Week' from 27th October, 2020 to 02nd November, 2020, "Vigilant India, Prosperous India" on 29th October, 2020, Organised by Babasahed Bhimrao Ambedkar University, Lucknow

x. Participated in an International Webinar on "Fundamental Duties under Indian Constitution: Importance and Implementation" held on 26th November, 2020 organized by Department of Law, SLS, BBAU, Lucknow.

xi. Participated in Five Days National Workshop on Intellectual Property Rights held from February 01 to 05, 2021, organized by Department of Law). Babasaheb Bhimrao Ambedkar University, Lucknow, in association with Cell for IPR Promotion and Management (CIPM)

11. Details of invited lecture inside the country:

Dr. Sufiya Ahmed

i. Delivered a lecture on the topic status of indianmuslim women and their rights on 8th March 2021 at Maolana Azad Academy, Lucknow.

ii. Delivered a lecture on Intellectual Property Rights and Innovation in a workshop organized by the Institute of Innovative council, Institute of Engineering and Technology, Lucknow on 28th January 2021.

iii. Delivered a lecture on Legal rights of Persons with Dementia in the Online Health Awareness Program on 24 September, 2020 organised by Centre of excellence for Adolescent Health &Development, SSH, BHU, Varanasi.

iv. Delivered a lecture on Human Rights to Health with special Reference to Mental Health in the Online Health Awareness Program on 10 October, 2020 organised by Centre of excellence for Adolescent Health &Development, SSH, BHU, Varanasi.

v. Delivered a lecture on Laws and Policies on Tobacco Prevention in the Online Health Awareness Program on 31 May 2021 organized by Centre of excellence for Adolescent Health &Development, SSH, BHU, Varanasi.

vi. Delivered a lecture on Suicide and Its Legal Consequences in the Online Health Awareness Program on 10 September, 2020 organized by Centre of excellence for Adolescent Health &Development, SSH, BHU, Varanasi.

Dr. Anis Ahmad

- Lecture delivered on "How to Write a Quality Dissertation" on 27th Feb, 2021 at Institute of Legal Studies, SRM University, Lucknow.

12. Students Achievements:

i. Accomplishments of students

Number of student completed their masters/graduation/Diploma	LL.M.	24
	B.B.A. LL.B.(H)	30
Number of student selected in Civil Services	UPSC	00
	UPPSC	00
Number of student pursuing higher studies	05	
Number of student awarded SLET/NET/JRF/ any other fellowship	NET	9
	JRF	3

ii. Ph.D. Degree submitted during the year:

Sl. No.	Students	Guide	Title	Fellowship
1	Mr. Ajit Kumar Gond	Dr. Anis Ahmad	"Biodiversity Laws: An Analytical Study With Special Reference to Access and Benefit Sharing"	Non-Net Fellowship
2	Mr. Arun Kumar Mishra	Prof. Priti Saxena	A Study on Judicial Trends in Privacy Law with Special Reference to Data Protection	SRF
3	Mr. Anil Kumar	Dr. Anis Ahmad	Legal Framework on E-Waste Management: A Critical Analysis	SRF
4	Mr. Ranjeet Bharti	Dr. Pradeep Kumar	A Study of Socio Legal Challenges of Naxalism in India	SRF
5	Mr. Vir Vikram Bahadur Singh	Dr. Sufiya Ahmed	Medical Termination of Pregnancy in India: A Juridical Study	Non-Net Fellowship
6	Mr. Abhishek Srivastava	Prof. Sanjeev Kumar Chadha	Euthanasia: A Socio-Legal Study in the City of Lucknow	Non-Net Fellowship
7	Ms. Sweta Rani	Prof. Priti Saxena	A Study of Right to Information With Special Reference to Working of State Information Commission of Uttar Pradesh, Lucknow	Non-Net Fellowship

iii. Ph.D. Student's Pursuing :

Sl. No.	Students	Guide	Co-guide	Title	Fellowship
1	Vibha Tripathi	Prof. Sudarshan Verma	Dr. Sangeeta Krishna	Gender Justice in Muslim Personal Law With Special Reference to Divorce	Non-Net Fellowship
2	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
3	Irshad Ahmad	Prof. Sudarshan Verma		Revenge Porn & Blackmailing Cyber Crime against Women in India: Socio Legal Study in Lucknow City	Non-Net Fellowship
4	Nitesh Kumar Chatuvedi	Prof. Sudarshan Verma		Appointment of Judges in India: a Legal Study with Special Reference to collegiums System	Non-Net Fellowship
5	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
6	Chandana Suba	Prof. Sanjeev Kumar Chadha		Human Trafficking of Women for Sexual Exploitation in India: A Study with Special Reference to Lucknow City	NFST
7	Paritosh Prakash	Prof. Sanjeev Kumar Chadha		Topic not Allotted	JRF
8	Amit Kumar Singh	Prof. Sanjeev Kumar Chadha		Topic not Allotted	JRF
9	Dinesh Kumar Singh	Dr. Sufiya Ahmed		Socio-Legal Study of D.N.A. Profiling as scientific Method of Investigation in India	Non-Net Fellowship
10	Mohan Kumar Gond	Dr. Sufiya Ahmed		Surrogacy Arrangement: A Socio-Legal Study in Lucknow City	Non-Net Fellowship
11	Aishwarya Kamya Singh	Dr. Sufiya Ahmed		Gender Inequality under Personal Laws in India: A Socio-Legal Study with Special reference to Uniform Civil Code	Non-Net Fellowship
12	Anuj Kumar	Dr. Anis Ahmad		Environmental Governance and Sustainable Development in India: A Critical Legal Study	Non-Net Fellowship
13	Nikki Kumar	Dr. Anis Ahmad		Topic not Allotted	JRF
14	Satish Kumar	Dr. Pradeep Kumar		Rights of Forest Dwellers under the Forest Legislations in India: A Critical Study	Non-Net Fellowship
15	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
16	Baba Ncyicor	Dr. Pradeep Kumar		Topic not Allotted	Non-Net Fellowship
17	Shubhyanka Rao	Dr. Mujibur Rehman		Rights of Elderly Persons: A Study of Law and Policies in India with Special Reference to Lucknow City	Non-Net Fellowship
18	Ashish Yadav	Dr. Mujibur Rehman		Topic not Allotted	JRF
19	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
20	Snigdha Srivastava	Dr. Mujibur Rehman		Topic not Allotted	Non-Net Fellowship
21	Ms. 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 Fellowshi

iv. LL.M. Dissertation Submitted:

Sl. No.	Students	Guide	Title/ Area
1	Abhilasha Saini	Prof. Sudarshan Verma	"Scope And Extent Of Freedom Of Speech And Expression In Indian Democracy- A Legal Study With Special Reference To Law Of Sedition"
2	Kaushalendra Pratap Singh	Prof. Sudarshan Verma	Constitutional Law
3	Manisha Gour	Dr. Pradeep Kumar	Criminal Law

4	Anand Kumar	Dr. Anis Ahmad	Solid Wastes Management In India : A Legal Study
5	Anupriya Singh	Dr. Anis Ahmad	Manual Scavenging And The Legal Enforcement To Curb The Social Menace
6	Arvind Bharti	Dr. Anis Ahmad	भारत में साइबर अपराध से सम्बन्धित प्रावधान तथा न्यायिक उत्तरदायित्व का अध्ययन
7	Avantika Singh	Dr. Sufiya Ahmed	Protection Of Traditional Knowledge With Special Reference To Lucknow Chikankari: An Analysis
8	Chandra Pal	Dr. Pradeep Kumar	भारत में बालश्रम की समस्या का एक विधिक एवं सामाजिक अध्ययन : बरेली जिले के नवाबगंज ब्लॉक के विशेष संदर्भ में
9	Juned Akhtar	Dr. Mujibur Rehman	An Analysis Of Investigation Techniques And Rights Of Accused Under Criminal Administration Of Justice
10	Kaushalendra Pratap Singh	Prof. Sudarshan Verma	"LEGITIMACY- A PRE-CONDITION FOR INHERITANCE: A CRITICAL STUDY OF PERSONAL LAWS IN INDIA"
11	Km Akanksha	Prof. Sanjeev Kumar Chadha	उच्च शिक्षा में निःशक्त विद्यार्थियों को प्राप्त अधिकार : डॉ० शकुन्तला मिश्रा राष्ट्रीय पुनर्वास विष्वविद्यालय, लखनऊ के विशेष सन्दर्भ में एक सामाजिक–विधिक अध्ययन
12	Km Vinita	Prof. Sanjeev Kumar Chadha	भारत में महिलाओं के खिलाफ साइबर अपराध का एक विधिक अध्ययन
13	Komal Gupta	Dr. Sufiya Ahmed	COPYRIGHT IN MUSIC: REFERENCE TO INDIAN HINDI CINEMA
14	Manisha Gour	Prof. Sudarshan Verma	शैक्षिक संस्थानों में यौन उत्पीड़न से संबंधित मुद्दे एवं समस्याएंः एक विधिक अध्ययन
15	Mukesh Kumar Manjhi	Dr. Mujibur Rehman	शिक्षा के अधिकार अधिनियम, 2009 : एक तुलनात्मक अध्ययन (पचरूखी ब्लॉक, सीवान, बिहार के विशेष संदर्भ में)
16	Nainci Gupta	Dr. Sufiya Ahmed	PHARMACEUTICAL PATENT AND RIGHT TO HEALTH
17	Nikita	Dr. Mujibur Rehman	शहरी अनौपचारिक क्षेत्र में बाल श्रमिकों का स्वास्थ्य एवं शैक्षणिक अध्ययन
18	Prashant Kumar	Dr. Pradeep Kumar	Economic Offences In India: A Study In The Light Of White And Blue Collar Crime
19	Preeti Gautam	Dr. Anis Ahmad	"A Legal Study Of Protection Of Geographical Indication: In National And An International Perspective
20	Prashant Kumar Pushkar	Dr. Sufiya Ahmed	Stem Cell Research And Patenting: A Comparative Legal Study
21	Saket Saurabha	Dr. Pradeep Kumar	Extra Judicial Killing By Armed Forced In India
22	Sanjeev Kumar	Dr. Pradeep Kumar	"भारत में मृत्युदण्ड एवं उसके निष्पादन में देरी : एक न्यायिक दृष्टिकोण"
23	Saravjeet Kumar Singh	Dr. Mujibur Rehman	Criminal Law

24	Satyavant	Dr. Mujibur Rehman	अनुचूचित जाति एवं जनजातियों के रोजगार का सामाजिक एवं विधिक अध्ययन
25	Shweta Verma	Prof. Sanjeev Kumar Chadha	Drug Abuse & Addiction
26	Tej Bahadur		Constitutional Law
27	Virendra Kumar	Prof. Sanjeev Kumar Chadha	Citizenship(Amendment)Actandits Implementation
28	Vishakha Dwivedi	Dr. Pradeep Kumar	Protection Against Sexual harassment of Women At Workplace :A Legal Study

13. Any other Special achievement recorded by the students-Yes

Mr. Shailesh Mishra, Research Scholar

Awards received for research/innovations by the BBAU, Lucknow

14. Details of the publications of the students (Books/Article/Books Chapter)

Mr. Nitesh Kumar Chaturvedi, Research Scholar

i. नीतेश कुमार चतुर्वेदी ''कोविड 19 महामारी के दौर में प्रवासी श्रमिकों के मानव अधिकारों का उल्लंघन एवं संवर्धन/संरक्षण में केन्द्र सरकार की भूमिका'' Published in "Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, ISSN 2249–6661 (Print), Volume 44, Issue 01(II), January to March 2021, Page No 37 – 41.

ii. Nitesh Kumar Chaturvedi "Protection of children from sexual offences by the legislative and judicial pronouncement in India: a fragile myth" Published in "Sambodhi Journal" An UGC Approved, UGC Care Listed in Arts and Humanities Serial No 258, Peer Reviewed and Referred Journal, ISSN 2249–6661 (Print), Volume 44, Issue 01, January to March 2021, Page No 80 – 87.

iii. Nitesh Kumar Chaturvedi, "Free Legal Aid Services is Part of Clinical Legal Education: An Analysis in the Context of an Instrument of Social Justice" Wesleyan Journal of Research, Vol.14 No.01 (January- March 2021) An UGC Approved, UGC Care Listed

iv. नीतेश कुमार चतुर्वेदी ''नये कृषि कानूनों के माध्यम से कृषि एवं कृषकों के हितों के संरक्षण एवं संवर्धनः संशय/समाधान,'' महिला विधि भारती, जनवरी से मार्च 2021 अंक 107 ISSN 0976-0024.

v. नीतेश कुमार चतुर्वेदी, ''जारता का अपराधः ''जोसेफ शाइन बनाम भारत संघ के निर्णय के पश्चात् संवैधानिक एवं विधिक स्थिति'' शोध सरिता, वाल्यूम 7 इसू 28, अक्टूबर से दिसम्बर, 2020, ISSN 2348-2397] An UGC Approved, UGC Care Listed

vi. नीतेश कुमार चतुर्वेदी ''राष्ट्रीय मानव अधिकार आयोग के कार्यो एवं उपलब्धियों का संक्षिप्त मूल्यांकन'' शोध सरिता, वाल्यूम 8 इसू 29, जनवरी से मार्च, 2021, ISSN 2348-2397 An UGC Approved, UGC Care Listed

vii. नीतेश कुमार चतुर्वेदी ''भारत में महिलाओं के विरूद्व साइबर अपराधः एक विधिक अध्ययन'' शोध संचार बुलेटेन वाल्यूम 7 इसू 28, जनवरी से मार्च, 2021, ISSN 2348-2397. An UGC Approved, UGC Care Listed

15. Google profile of the faculty members:

i. **Prof. Sanjeev Kumar Chadha**

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

ii. **Dr. Sufiya Ahmed**

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

Centre of Post Graduate Legal Studies

1. Course offered

- One Year LL.M.

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

i. Fully Wi-Fi connected Building
ii. One Classroom
iii. One Laptop and One projector
iv. Departmental Library

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

i. International Webinar on Quarantine and Prevention of Diseases: International and Comparative Law Perspective Organized by Centre of Post Graduate Legal
ii. Studies, School of Legal Studies on May 25th 2020,
iii. National Webinar on International Women Day, March 8th , 2021, on “Balancing Between Life and Work in COVID-19 A Challenging Scenario for Working Women” organized by Department of Human Rights and Centre of Post Graduate LegalStudies, BBAU, lko.
iv. National Webinar on World Consumers Rights Day on March 15 , 2021 organised by Department of Human Rights,
v. Centre of Post Graduate Legal Studies and NCC Unit, BBAU, Lko.

4. Other Department level Academic Activities:

Seminars by Students on current legal issues on Fridays.

5. 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

6. Students achievements:

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

Awarded				
Sr.No.	**Supervisor**	**Student’s Name**	**Dissertation/ Project Title**	**Remarks**
1	Dr. Anis Ahmad	Anand Kumar	Water Governance And Water Laws In India	Awarded

2	Dr. Anis Ahmad	Shubham Nider	Environmental Governance and Sustainable Development In India: A Legal Analysis	Awarded
3	Dr. Anis Ahmad	Vijeta Meha	Recognition Of The Rights Of Transgender: A Judicial Trend	Awarded
4	Dr. Pradeep Kumar	Manoj Gautam	Naxalism, Fundamental Rights And Directive Principle and It's Solution	Awarded
5	Dr. Pradeep Kumar	Jitendra Kumar Verma	Anti-Defection Law In India: Study With Recent Development	Awarded
6	Prof. Preeti Misra	Shivangi Singh	Detection and Investigation of Cartels in India: A need for improving Leniency program	Awarded
7	Prof. Preeti Misra	Mayurika Chauhan	Domestic Violence Against Working Women	Awarded
8	Prof. Preeti Misra	Isha Chandra	Media Trial In India : A Legal Analysis	Awarded
9	Prof. Preeti Misra	Sakshi Verma	Reservation In Employment For Sc/St- A Critical Appraisal With Special Focus To Reservation In Promotion	Awarded
10	Prof. Priti Saxena	Bhanu Bajpai	One Nation, One Election: Assessing The Feasibility Of Simultaneous Elections To The Lok Sabha And State Legislative Assemblies	Awarded
11	Prof. Priti Saxena	Ragita Nigam	"A Juridical and Comparative Study of Euthanasia in India, Canada and Netherlands"	Awarded
12	Prof. Priti Saxena	Shreyash Agrawal	Citizen Surveillance Program With Reference To India And Jamaica: A Comparative Study Of Aadhaar And Nira	Awarded
13	Prof. Priti Saxena	Shubham Kumar Rai	A Study On Compensation To Victim Under Motor Vehicle Act, 1988	Awarded
14	Prof. Priti Saxena	Nisha Tiwari	Abrogation of Article 370 A Study Testing its Constitutionality on the Touchstone of Spirit of Democracy"	Awarded
15	Prof. Priti Saxena	Ranjana Gautam	Hkkjr es fyo&bu&fjys"kuf"ki dk v/;;u vkSj fookg ,oa ikfjokfjd laLFkk ij bldk izHkko	Awarded
16	Dr. S.K. Chadha	Kartikey Singh	Article 370 : A Bridge Or A Hindrance	Awarded
17	Dr. S.K. Chadha	Kamlesh Kumari	Anti -Terrorism Laws In India: A Critical Analysis	Awarded
18	Dr. S.K. Chadha	Shivani Ranjan	तीन तलाक का मुस्लिम समाज पर प्रभावः एक विधिक विश्लेषण	Awarded
19	Dr. S.K. Chadha	Virendra Kumar Bhaskar	Freedom of Speech & Expression Need for Digital_ Regulation in Indian "Perspective''	Awarded
20	Dr. Sufiya Ahmed	Ashutosh Kumar Singh	Right To Privacy With Special Reference To Data Protection In India	Awarded
21	Dr. Sufiya Ahmed	Prabhat Dixit	Legal Issues And Challenges On Right To Die With Dignity: A Comparative Study Of India, England & Netherlands	Awarded
22	Dr. Sufiya Ahmed	Nazneen Zafar	Fiscal Sovereignity Under International Taxation	Awarded
23	Prof. Sudarshan Verma	Deepali Yadav	"The Legal And Regulatory Aspects Of Genetically Modified Crops In India, U.S And European Union "	Awarded

Session 2020-21

Sr.No.	Supervisor/Co-Supervisors	Student's Name	Dissertation/ Project Title	Remarks
1	**Supervisor** Prof. Priti Saxena	Kopal Garg	"LEGISLATIVE AND JUDICIAL PERSPECTIVE ON MARITAL RAPE: AN ANALYTICAL STUDY"	Working
2	**Supervisor** Prof. Priti Saxena Prof. Priti Saxena	Niharika Singh Chauhan	"CRIMINALIZATION OF MARITAL RAPE IN INDIA"	Working
3	**Supervisor** Prof. Priti Saxena Prof. Priti Saxena	Nidhi Verma	"OTT PLATFORMS: ABUSE OF THE RIGHT TO FREEDOM OF SPEECH AND EXPRESSION''	Working
4	Prof. Priti Saxena **Co-Supervisor** Dr. Dhirendra Vikram Singh	Deepti Sen	"LEGAL STUDY OF CHANGING DYNAMICS IN CENTRE STATE RELATIONSHIP UNDER FEDERAL STRUCTURE OF INDIA"	Working
5	Prof. Priti Saxena **Co-Supervisor** Dr. Dhirendra Vikram Singh	Utkarsh Kumar	AN ANALYTICAL STUDY OF CHANGES BROUGHT IN BY SUPREME COURT THROUGH ITS JUDGEMENTS: A SCRUTINY OF FIVE YEARS CASES (2017-2021)	Working
6	Supervisor Prof. Preeti Misra	Puneet Singh	PRISON JUSTICE ADMINISTRATION IN INDIA WITH SPECIAL REFERNCE TO PROTECTION'S OF PRISONER RIGHT	Working
7	Supervisor Prof. Preeti Misra	Manoj Kumar Singh	"OTT PLATFORMS: ABUSE OF THE RIGHT TO FREEDOM OF SPEECH AND EXPRESSION''	Working
8	Supervisor Prof. Preeti Misra Co-Supervisor Ms Sonali Roy Choudhury	Km Astha	A LEGAL STUDY OF RESERVATION POLICY IN INDIA WITH SPECIAL REFERENCE TO WOMEN	Working
9	**Supervisor** Prof. S.K. Chadha	Anjali	"UNIFORM CIVIL CODE: NEED OF AN HOUR"	Working
10	Supervisor Prof. S.K. Chadha	Rishabh Tomar	"RIGHT TO FORM ASSOCIATION OR UNIONS: CONSTITUTIONAL, LEGISLATIVE AND JUDICIAL PERCEPTIVES"	Working

11	**Supervisor** Prof. S.K. Chadha **Co-Supervisor** Ms Sonali Roy Choudhury	Shipra Mishra	"CRIMINALISATION OF POLITICS IN INDIA: ISSUES AND CHALLENGES"	Working
12	**Supervisor** Dr. Sufiya Ahmed	Anupma Piyush	DOMESTIC VIOLENCE AGAINST WOMEN DURING LOCKDOWN	Working
13	**Supervisor** Dr. Sufiya Ahmed	Ranjit Kumar Gautam	RIGHT TO PRIVACY IN ASPECT OF MEDICAL STATUS	Working
14	Supervisor Dr. Sufiya Ahmed **Co-Supervisor** Dr. Dhirendra Vikram Singh	Pushker Saroj Bandhu	"COPYRIGHT PROTECTION IN CYBERSPACE : ISSUES AND CHALLENGES IN INDIA"	Working
15	**Supervisor** Dr. Anis Ahmad	Neelesh Gautam	CONSTITUTIONAL DUTIES AND ENVIRONMENTAL PROTECTION IN INDIA	Working
16	**Supervisor** Dr. Anis Ahmad Co-Supervisor Ms. Sonali Roy Choudhury	Anuswar Shahi	RIGHT TO HEALTH IN INDIA IN COVID-19: A LEGAL STUDY	Working
17	**Supervisor** Dr. Anis Ahmad	Abhishek Kumar Singh	'Legal Accountability for Violations of Human Rights of Environmental Refugees '	Working
18	**Supervisor** Dr. Pradeep Kumar	Alok Kumar Verma	Marital Rape with Special Reference to India, Pakistan and Bangadesh	Working
19	**Supervisor** Dr. Pradeep Kumar	Manish Kumar Yadav	Surge of Sexual Violence in Covid- 19	Working
20	**Supervisor** Dr. Pradeep Kumar Co-Supervisor Dr. Dhirendra Vikram Singh	Urvashi Mishra	"ACID ATTACKS: LAWS IN INDIA TO COMBAT IT AND VICTIM COMPENSATION SCHEME"	Working
21	**Supervisor** Dr. Pradeep Kumar	Abhishek Pandey	भारत में शिक्षा का अधिकारः संवैधानिक विश्लेषण	Working
22	**Supervisor** Dr.Mujibur Rehman	Abhimanyu kumar	"Abuse of Public Interest Litigation in India: A Challenge to Judicial Process"	Working

23	**Supervisor** Dr.Mujibur Rehman Co-Supervisor Dr. Dhirendra Vikram Singh	Anil Kumar Gautam	PREVENTIVE DETENTION LAWS IN INDIA: A CHALLENGES TO PERSONAL LIBERTY	Working
24	**Supervisor** Dr. Dhirendra Vikram Singh Co-Supervisor Ms. Sonali Roy Choudhury	Sujeet Kumar Saroj	Freedom of Speech and Media Trail	Working

- Mr. Amit Kumar Singh **PCS (J) Civil Judge Junior Division Bihar.**
- Mr. Prabhat Dixit Pursing Ph.D. from **Dr. RMLN University.**
- (Ms. Shivangi Singh is teaching as a **Assistant Professor in Sharda University, Noida** and Ms. Nazneen Zafar is working in **Evelyn Learning Systems Pvt. Ltd. (Bihar) as a Subject** Matter Expert Business Law and Tax Law.
- Mr. Shubahm Nider, Ms. Shivangi Singh, Ms. Deepali Yadav and Mr. Shubham Kumar Rai (UGC NET)

School of Life Sciences

Department of Biotechnology

The Department of Biotechnology was started in September, 2005 under the School for Biosciences and Biotechnology. Apart from M. Sc in Biotechnology, the department also offers Ph. D in Biotechnology with diverse field of specialization including, Enzyme Technology and Protein Chemistry, Microbial Technology, Plant Molecular Biology, Immunotechnology, Neurobiology and Bioinformatics. This is a highly research oriented course giving world class training in neurosciences.

Biotechnology, being a multidisciplinary subject, imparts 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 development of modern applied aspect of the subject, Biotechnology has now become a multi-billion dollar industry. The teaching programme caters to the requirement of Biotechnology Industry and Institutes in India as well as aboard.

The syllabus was revised recently in academic year 2019-2020 with a great care so that the theory, practical and tutorials would meet the requirement of such a challenging and demanding field. In addition to the normal teaching classes and the practical training, the curriculum has integral components of 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. Elective subjects have also been introduced to meet the areas of interest of individual students, Apart from the compulsory CBCS isin place where student can choose the subject of choice from any other department of the university to enhance & augment the knowledge in the field.

The department is in the process of developing facilities conducive for training in the field of Biotechnology at par with that of international standards. Faculty members of the department are executing various externally funded research projects from agencies like UGC, DST and DBT. Many distinguished scientists and eminent scholars from premier research institutes such as CSIR, ICAR, Indian and foreign Universities are invited to deliver lectures in their area of research interest from time to time. The students are exposed to both academics as well as extracurricular activities during their tenure.

1. Course Offered:

i. M. Sc Biotechnology..

ii. Ph. D. Biotechnology.

Courses to be offered from session 2021

- M.Sc. Industrial Biotechnology
- M.Sc. Bioinformatics

2. Facilities available in the department:

i. M. Sc Laboratory.

ii. Research Laboratory.

iii. Central Instrumentation Laboratory.

iv. Smart Classroom.

v. Departmental Library.

3. Details of Faculty:

i. Prof. Sangeeta Saxena,

- Professor& Head, Department of Biotechnology.
- **Specialization:**Plant Molecular Biology, Molecular Markers, RNA interference
- **Qualifications:**M. Sc., M. Phil. Ph. D.
- **Teaching Experience:** 23Years
- **Research Experience**: 27 Years
- **Contact No:** (+91) 9450645342
- **Email ID**: dr_sangeeta _saxena@yahoo.com

ii. Prof. Dinesh Raj Modi

- Professor
- **Specialization:**Microbial Technology and Bioremediation
- **Qualifications:** M.Sc., Ph.D.
- **Teaching Experience:** 29 Years
- **Research Experience**: 35 Years
- **Contact No:** (+91) 9935720995
- **Email ID**: drmodilko@gmail.com,drmodi@bbau.ac.in

iii. Dr. Sunil Babu Gosipatala

- Associate Professor
- **Specialization:** Immunomodulation, Cancer Genetics, Host- pathogen interactions at miRNA level, Bioinformatics
- **Qualifications:** M.Sc., Ph.D.
- **Teaching Experience:** 19 Years
- **Research Experience**: 26 Years
- **Contact No:** (+91) 9455036926
- **Email ID**: sunil_gos@yahoo.com, gsbabu@bbau.ac.in

iv. Dr. Monica Sharma

- Assistant Professor
- **Specialization:**Enzyme and Microbial Technology, Bioinformatics
- **Qualifications:** M.Sc., Ph.D.
- **Teaching Experience:** 12 Years
- **Research Experience**: 12 Years
- **Contact No:** (+91) 9717386785
- **Email ID**: monashimla@gmail.com, dr.monikas@bbau.ac.in

v. Dr. Yusuf Akhter

- Assistant Professor
- **Specialization:**Protein Structures; Drug discovery against bacterial and protozoan pathogens

- **Qualifications:** M.Sc., Ph.D.
- **Teaching Experience:** 09 Years
- **Research Experience**: 16Years
- **Contact No:** (+91) 82197773520, 8263875486
- **Email ID**: yusuf.akhter@gmail.com; yusuf@daad-alumni.de

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

- Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drives.

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

Prof. D. R. Modi

i. Association of Microbiologists of India - Life Member
ii. Biotech Research Society of India - Life Member
iii. Society of Biological Chemists, India - Life Member
iv. Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT) - Life Member
v. Indian Science Congress - Life Member

Prof. Sangeeta Saxena

i. Association for promotion of DNA fingerprinting and other DNA technologies(ADNAT) CCMB, Hyderabad.
ii. Society of Biological Chemist, (SBC)
iii. India Indian Society of Genetics & Plant Breeding
iv. Chairperson, Departmental Research Committee. (Department of Biotechnology)
v. Chairperson, Board of Post Graduate Studies (Department of Biotechnology)
vi. Member, RDCU DBT (being DRC member).

Dr. G. Sunil Babu

i. Member Secretary, Institutional Ethics Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025. (21st July, 2015 to Date)
ii. Member Secretary, Institutional Biosafety Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025. (2nd August, 2016 to Date)
iii. Life Member- Society of Biological Chemists (India)
iv. Life Member- Indian Immunology Society
v. Life Member- The Cytometry Society of India (TCS)
vi. Life Member- Association for the Promotion of DNA fingerprinting and other DNA technologies (ADNAT)
vii. Life Member- Indian Science Congress, Kolkata
viii. Member-International Society for Advancement of Cytometry (ISAC -2015)

Dr. Monica Sharma

i. Life time member of Association of Microbiologist of India (since 2005)

ii. Life time member of OWSD (Organization for Women in Science for the Developing World) (2020).

Dr. Yusuf Akhter

i. Editorial Board Member, *Scientific Reports* published by Nature Research, United Kingdom (since 2019)
ii. Associate Editor, *Frontiers in Genetics* (Bioinformatics and Computational Biology) published by Frontiers Media, Switzerland (since 2018)
iii. Associate Editor, *BMC Genomics* published by BioMed Central, United Kingdom (since 2018)
iv. Associate Editor, *BMC Microbiology* published by BioMed Central, United Kingdom (since 2018)
v. Associate Editor, *Archives of Microbiology* published by Springer, Berlin, Germany (since 2016)

6. Details of Book Chapter in edited volume:

i. Sudhir Kumar Shekhar, Jai Godheja, **Dinesh Raj Modi**. Molecular Technologies for Assessment of bioremediation and characterization of microbial communities at pollutant-contaminated sites. 2020 entitled book-Bioremediation of Industrial Waste for Environmental Safety.
ii. Aradhana L. Hans, Ritesh Mishra and **Sangeeta Saxena** (2021). Transgenic Technology and Its Progressive Implications. Book; Crop Improvement. Biotechnological Advances. **Taylor and Francis Group. CRC Press**. ISBN: 9780367567095 (hbk)ISBN: 9780367567101 (pbk) ISBN: 9781003099079 (ebk)
iii. Saurabh Verma, and **Sangeeta Saxena** (2021). Genetically Modified Crops Changing the Food Insecurity Landscape of the Undernourished Regions of the World. Book Policy Issues in Genetically Modified Crops A Global Perspective . Elsevier. Academic Press. (ISBN: 978-0-12-820780-2)
iv. Ritesh Mishra, Priyanka Varun, Aradhana Lucky Hans and **Sangeeta Saxena** (2021) Diversity analysis of begomoviruses infecting papaya and its mechanisms of resistance.Book: Plant Virus-Host Interaction. Molecular Approaches and Viral Evolution. Elsevier. Academic Press Publication. (ISBN 978-0-12-821629-3)
v. Aradhna Lucky Hans and **Sangeeta Saxena** (2021), Role of Long Non coding RNAs in vegetable in Book; Long non- coding RNA in plants , roles in development and stress https://doi.org/10.1016/B978-0-12-821452-7.00014-3 . Elsevier (ISBN: 9780128214527).
vi. Published a book chapter- AbhishekPandeya, Raj Kumar Khalko, BhartiKotarya, Hema, Jitendra Kumar Yadav, SudiptaSaha, Ranbir Chander Sobti, **Sunil Babu Gosipatala** (2021); Human Papillomavirus (HPV) - molecular epidemiology of infection and its associated diseases. In book entitled "Translating Animal Science Research; Volume 4 : Biomedical Research, Medicine and Disease." Taylor and Francis Group (accepted for Publication).
vii. Published a book chapter: BhartiKotarya, Abhishek Pandeya, Raj Kumar Khalko, NeelamYadav, SudiptaSaha, Y Vasudeva Rao, **Sunil Babu Gosipatala** (2021) Corona Viruses: Emergence, Evolution and recurrance., in Book entitled "Delineating Health and Health System: Mechanistic Insights into Covid 19 Complications." Springer, Singapore; ISBN: 978-981-16-5105-2.
viii.. Tabish Qidwai, TejalShreeya, SudiptaSaha, **Monica Sharma** (2021) Functional Defense Signals in Plants. in Microbial Metatranscriptomics Belowground. Editor Manoj NathDeepeshBhattPrachiBhargavaD. K. Choudhary. Springer pages 543-556. ISBN: 978-981-15-9758-9.

7. Paper published during the year by the faculty members:

i. Sukanya Tripathy, Sanjay Singh, Sarfraj Ahmad Siddiqui, Atul Rawat, **Dinesh Raj Modi**, Monisha Banerjee, RC Sobti, Anand Prakash. Higher expression of PAR-1 may be associated with severity of Glioblastomas (2021). Research Square 10.21203/rs.3.rs-270158/v1.

ii. SP Singh, DR Modi, RK Tiwari. Low cost production of glucose oxidase enzyme by using bacterial strains. (2020) GENES & DISEASES 7 (3), 465-465.

iii. M Saxena, D Ali, DR Modi, H Al Ali, SA Hussain, S Manohrdas. Eleven genetic variants of seven important candidate genes involved in manifestation of type 2 diabetes mellitus (2020). Journal of King Saud University-Science 32 (5), 2569-2575.

iv. Daoud Ali, Madhukar Saxena, DR Modi, MHA Almarzoug, SA Hussain. Association of TNF-α Gene Expression and Release in Response to Anti-Diabetic Drugs from Human Adipocytes in vitro (2020). Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy 13, 2633.

v. SK Shekhar, J Godheja, DR Modi. Molecular technologies for assessment of bioremediation and characterization of microbial communities at pollutant-contaminated sites (2020). Bioremediation of industrial waste for environmental safety, 437-474.

vi. Bharti Kotarya, Abhishek Pandeya, Raj Kumar Khalko, Anup Mishra, Arti Priyadarshini, N. Vijaya, Manoj Kumar Singh, SudiptaSaha and Sunil Babu Gosipatala (2020). Prospects of SARS-CoV-2 vaccines and their Landscape. Journal of Experimental Biology and Agricultural Sciences. 8; (spl-1) S246-S263.

vii. N. Vijaya, Sunil Babu G and Vellanki Lakshmi N (2020). Influence of critical parameters on liquid thin film flow of casson nanofluid over elongated sheet under thermophorosis and Brownian motion. Frontiers in Heat and Mass transfer. 15,23;1-8.

viii. Alok Kumar, Anshuman Pandey, Pradyuman Singh, and Sunil Babu Gosipatala (2020). IGFBP3 gene promoter methylation analysis and its association with clinicopathological characteristics of Colorectal carcinoma. Molecular Biology Reports,1-9.

ix. Venkatesh Kumar Ramappa, Devika Srivastava, Prashant Singh, Umesh Kumar, Dinesh Kumar, Sunil Babu Gosipatala, SudiptaSaha, Dhiraj Kumar, Ritu Raj (2020). Mulberries: A Promising Fruit for Phytochemicals, Nutraceuticals, and Biological Activities. Int. J of Fruit Science: doi.org/10.1080/15538362.2020.1784075.

x. Rai, Nidhi, Vikas Kumar, Monica Sharma, and Yusuf Akhter. "Auxin transport mechanism of membrane transporter encoded by AEC gene of Bacillus licheniformis isolated from metagenome of TaptaKundHotspring of Uttrakhand, India." International Journal of Biological Macromolecules (2021).

xi. Rohit Bhardwaj, Ankur Gulati, Jatin Jain, Deepika Jaggi, Monica Sharma (2021) Polypharmacological studies on type II angiotensin II receptor antagonists and their therapeutic potential. Current Trends in Life Sciences 1:14-20.

xii. Yadav, Subhash Kumar, and Yusuf Akhter. "Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 Spread." Frontiers in Public Health 9 (2021).

xiii. Verma, Digvijay, Ankita Srivastava, Pankaj Kumar Garg, Yusuf Akhter, Ashok Kumar Dubey, SukhDev Mishra, and S. V. S. Deo. "Taxonomic profiling and functional characterization of the healthy human oral bacterial microbiome from the north Indian urban sub-population." Archives of Microbiology 203, no. 3 (2021): 927-939.

xiv. Bandyopadhyay, Debojyoty, Garima Singh, Mandira Mukherjee, and Yusuf Akhter. "Computational approach towards the design of novel inhibitor against universal stress protein A to combat multidrug resistant uropathogenic Escherichia coli." Journal of Molecular Structure 1238 (2021): 130379.

xv. Alnomasy, Sultan F., Bader S. Alotaibi, Ziyad M. Aldosari, Ahmed H. Mujamammi, Pragya Anand, Yusuf Akhter, and Mohammad R. Hasan. "Inhibitory effects of aviptadil on the SARS-CoV-2 nsp10/nsp16 protein complex." (2021).

xvi. Bhowmik, Sukhen, Pragya Anand, Riyanki Das, Tirtharaj Sen, Yusuf Akhter, Manash C. Das, and Utpal C. De. "Synthesis of new chrysin derivatives with substantial antibiofilm activity." Molecular Diversity (2021): 1-20.

xvii. Sharma, Shivika, Shikha Sharma, Mushtaq Ahmed, Yusuf Akhter, and Subhankar Chatterjee. "Ornithine carbamoyltransferase from psychrophiles to thermophiles: structural evolution of catalytic fold to accommodate physiological diversity." Extremophiles 25, no. 1 (2021): 15-24.

xviii. Alam, Kaiser, and Yusuf Akhter. "The Impacts of unfolded protein response in the retinal cells during diabetes: possible implications on diabetic retinopathy development." Frontiers in Cellular Neuroscience 14 (2020).

xix. Chakraborty, Poulomi, Payel Paul, Monika Kumari, Surajit Bhattacharjee, Mukesh Singh, Debasish Maiti, Debabrata Ghosh Dastidar et al. "Attenuation of Pseudomonas aeruginosa biofilm by thymoquinone: an individual and combinatorial study with tetrazine-capped silver nanoparticles and tryptophan." Folia Microbiologica 66, no. 2 (2021): 255-271.

xx. Roy, Shomereeta, Souvick Roy, Kumari Anuja, Shweta Thakur, Yusuf Akhter, SwatishreePadhi, and Birendranath Banerjee. "p38 Mitogen-activated protein kinase modulates cisplatin resistance in Head and Neck Squamous Cell Carcinoma cells." Archives of Oral Biology 122 (2021): 104981.

xxi. Bano, Nasima, Md Mehedi Hossain, Aadil Qadir Bhat, Mir Owais Ayaz, Monika Kumari, Padmani Sandhu, Yusuf Akhter, and Mohd Jamal Dar. "Analyzing structural differences between insulin receptor (IR) and IGF1R for designing small molecule allosteric inhibitors of IGF1R as novel anti-cancer agents." Growth Hormone & IGF Research 55 (2020): 101343.

xxii. Arun, P. V., Razak Hussain, Yusuf Akhter, Mandava Venkata Basaveswara Rao, PeruguShyam, and SailuYellaboina. "Drug Re-purposing from SARS-CoV Led the Identification of Potential Candidate Drug Target and Alternate Drug Molecules Against SARSCoV-2." Letters in Drug Design & Discovery 17, no. 10 (2020): 1325-1327.

xxiii. Pal, Soumiya, Nishat Sarker, MajjidQaria, Kshitij Tandon, Yusuf Akhter, and Niyaz Ahmed. "Design of an inhibitor of Helicobacter pylori cholesteryl-α-glucoside transferase critical for bacterial colonization." Helicobacter 25, no. 5 (2020): e12720.

xxiv. Goutham, Shyamili, Indu Kumari, Dharma Pally, Alvina Singh, Sujasha Ghosh, Yusuf Akhter, and Ramray Bhat. "Mutually exclusive locales for N-linked glycans and disorder in human glycoproteins." Scientific reports 10, no. 1 (2020): 1-12.

xxv. Akhter Yusuf, Mushtaq Ahmed, and Subhash Kumar Yadav. "Quality deprivation through quality assessment: the academic score system in Indian higher education." Academia 20-21 (2020): 6-28.

xxvi. Hussain, Razak, Rolly Yadav, Mushtaq Ahmed, Tabreiz A. Khan, Devesh Kumar, and Yusuf Akhter. "Interplay between two spin states determines the hydroxylation catalyzed by P450 monooxygenase from Trichoderma brevicompactum." Journal of computational chemistry 41, no. 14 (2020): 1330-1336.

xxvii. Hussain, Razak, Rolly Yadav, Mushtaq Ahmed, Tabreiz A. Khan, Devesh Kumar, and Yusuf Akhter. "Interplay between two spin states determines the hydroxylation catalyzed by P450 monooxygenase from Trichoderma brevicompactum." Journal of computational chemistry 41, no. 14 (2020): 1330-1336.

xxviii. Azad, Iqbal, Rumana Ahmad, Tahmeena Khan, Mohammad Saquib, Firoj Hassan, Yusuf Akhter, Abdul R. Khan, and Malik Nasibullah. "Phenanthridine derivatives as promising new anticancer agents: synthesis, biological evaluation and binding studies." Future medicinal

chemistry 12, no. 8 (2020): 709-739.

xxix. Hussain, Razak, Mushtaq Ahmed, Tabreiz Ahmad Khan, and Yusuf Akhter. "Fungal P 450 monooxygenases-the diversity in catalysis and their promising roles in biocontrol activity." Applied microbiology and biotechnology 104, no. 3 (2020): 989-999.

xxx. Anuja, Kumari, Madhabananda Kar, Amit Roy Chowdhury, Gauri Shankar, SwatishreePadhi, Souvick Roy, Yusuf Akhter,Arabinda Kumar Rath, and Birendranath Banerjee. "Role of telomeric RAP1 in radiation sensitivity modulation and its interaction with CSC marker KLF4 in colorectal cancer." International journal of radiation biology 96, no. 6 (2020): 790-802.

xxxi. Roy, Souvick, Madhabananda Kar, Shomereeta Roy, SwatishreePadhi, Amit Kumar, Shweta Thakur, Yusuf Akhter, Gianluca Gatto, and Birendranath Banerjee. "Inhibition of CD44 sensitizes cisplatin-resistance and affects Wnt/β-catenin signaling in HNSCC cells." International journal of biological macromolecules 149 (2020): 501-512.

xxxii. Ghosh, Chinmoy, Joyanta Bhowmik, Ranjit Ghosh, Manash C. Das, Padmani Sandhu, Monika Kumari, ShukdebAcharjee et al. "The anti-biofilm potential of triterpenoids isolated from Sarcochlamys pulcherrima (Roxb.) Gaud." Microbial pathogenesis 139 (2020): 103901.Sharma, Shikha, Mushtaq Ahmed, and Yusuf Akhter. "Fungal acetyltransferases structures, mechanisms and inhibitors: A review." International journal of biological macromolecules 157 (2020): 626-640.

xxxiii. Akhter Yusuf, and Razak Hussain. "Protein-protein complexes as targets for drug discovery against infectious diseases." Advances in protein chemistry and structural biology 121 (2020): 237-251.

xxxiv. Azad, Iqbal, Yusuf Akhter, Tahmeena Khan, Mohammad Irfan Azad, Subhash Chandra, Praveer Singh, Durgesh Kumar, and Malik Nasibullah. "Synthesis, quantum chemical study, AIM simulation, in silico ADMET profile analysis, molecular docking and antioxidant activity assessment of aminofuran derivatives." Journal of Molecular Structure 1203 (2020): 127285.

xxxv. Sharma, Navneet, Yusuf Akhter, and Showkat Ahmad Mir. "Science Education in India: A Misnomer for Scientific Temper." (2020).

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

- Dr. Monica Sharma participated in "Ecosystem Restoration for Environmental sustainability" webinar organized by Alumni Association of JNU, Delhi on June 4th 2021.
- Dr. G Sunil Babu attended a **FIMSA- An Immunology Course-2020** on topic entitled "**Basic to advance Immunology**" organized by IIS, New Delhi and FIMSA during **7th to 10th October, 2020.**

9. Details of National Award/fellowship :

Sr. No.	Name of the Award/ Recognition	Name of the Research Scholar	Funding Agency	Year of Award
1.	Senior Research Fellowship	Mr. Abhishek Pandeya Supervisor: Dr. Sunil BabuGosipatala	Indian Council of Medical Research, New Delhi	2019-2022
2	National Fellowship for Scheduled Tribes (NFST)	Raj Kumar Khalko Supervisor: Prof. SangeetaSaxena and Co-Supervisor:Dr. Sunil Babu Gosipatala	Ministry of Tribal Affairs, Govt. of India	2020
3	Junior Research Fellowship	Ms Garima Chauhan Supervisor: Dr. Monica Sharma	UGC-JRF	2018-23
4	Junior Research Fellowship	Ms Priyanka Supervisor: Prof. Sangeeta Saxena	CSIR-JRF	2019-2024
5	Junior Research Fellowship	Ms Asha Kumari Supervisor: Dr. Monica Sharma	UGC-JRF	2019-2024

10. Details of Research Projects:

Sr. No.	Title of the Project	Funding Agency	Total sanctioned Amount	Year wise Grant released (2019-2021)		
1.	Investigation(s) of HCMV miRNA's role on Cellular Autophagy. **(EEQ/2017/000438)**	DST-SERB Govt. of India	46.56 Lakhs	2020-2021	Rs. 9,57,176/-	
				2019-2020	Rs. 11,99,129/-	
2	Identification and functional analysis of antiapoptotic HCMV miRNAs. **(BT/PR14198/ Med/29/980/2015)**	DBT, Govt. of India	76.079 Lakhs	2020-2021	Rs. 11,27,251/-	
				2019-2020	Rs. 27,37,980/-	

11. Details of patent filled/ awarded:

Sr. No.	Patent Title	Application No.	Authors	Status
01	Process for preparing indeno [1,2- d]thiazolo[3,2-a]pyrimidine containing nitrogen-bridgehead	202011029363	Dr. Amit Kr. Keshari, Dr. Sudipta Saha, Dr. Gosipatala Sunil Babu, Dr. Biswanath Maity, and Mr. Anurag Gautam	Filed

12. Details related to Good Governance at the Department level to ensure transparency / students participation / time bound result etc. :

Classes conducted as per academic calendar of the University for academic year 20-21. Examination and evaluation done in time as per the transparent policy of the University wherein evaluated copies are shown to students for their satisfaction. Most of the classes are interactive and faculty is using latest ICT platforms.

13. Students' achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	M. Sc Biotechnology	28
	M. Sc Brain & Cognition Science	06
	M. Sc Forensic Science & Criminology	17
Number of students pursuing higher studies	04	

Number of students awarded SLET/NET/	NET	02
	GATE	03

ii. Ph. D Awarded during the year: 2020-21

Sl. No.	Students	Guide	Co-guide	Thesis Title
1.	Mr. Sanjay Singh	Prof. D. R. Modi	Dr. Anand Prakash	Histone acetylation related enhanced expression of CREB target genes may underlie erasure of fear memory leading to extinction
2.	Mr. Durgesh Dubey	Dr. D. R. Modi	Dr. Dinesh Kumar	NMR based Metabolomics of Synovial Fluid from patient with Reactive Arthritis (ReA) for Identifying abnormal metabolic status.
3.	Mr. Alok Kumar	Dr. G. Sunil Babu	Dr. Prradyumn Singh	A study of newer prognostic epigenetic markers SRFP1 & IGFBP3 in colorectal carcinoma.

iii. Ph. D student's pursuing: 2020-21

Sl. No.	Students	Guide	Co-guide	Thesis Title	Fellowship
1.	Mr. Abhishek Pandeya	Dr. G. Sunil Babu	Dr. Sanjay Yadav	Investigation(s) on the HCMV miRNA's role among the cellular death pathways	ICMR-SRF
2.	Mr. Raj Kumar Khalko	Dr. Sangeeta Saxena	Dr. G. Sunil Babu	Identification and functional analysis of anti-autophagic HCMV miRNAs.	RGN-JRF
3.	Ms. Garima Chauhan	Dr. Monica Sharma		Bioprospecting of Hot Springs of India for Thermophilic Xylanases Using Metagenomics Approach	UGC-JRF
4.	Ms. Meghna Arya	Dr. Monica Sharma		Investigational Analysis of the Geothermal Springs of India for Nitrile Metabolizing Enzymes	UGC Non-NET
5.	Mr. Anup Mishra	Dr. G. Sunil Babu		Evaluation of the anticancer activity of Cordycepin in human colorectal cancer cell line(s).	N/A
6.	Mr. Sailendra Kumar	Prof. S. Saxena		Molecular detection of papaya ringspot virus (PRSV) in papaya associated with disease complex showing leaf curl, ringspot and mosaic symptoms and its management using RNAi.	UGC Non-NET
7.	Ms. Shubhangi Chaturvedi	Prof. D. R. Modi		Genetic variants and their effect against anti-diabetic drugs in T2DM.	UGC Non-NET
8. 9.	Ms. Anamta Rizvi	Prof. S. Saxena		Request to excuse for non-submission of synopsis	UGC Non-NET

10.	Ms. Shivangi Singh	Prof. D. R. Modi		Anti-inflammatory Cytokine gene polymorphism associated with Type 2 diabetes.	UGC Non-NET
11.	Ms. Garima Singh	Dr. Yusuf Akhter		Studies on MFS proteins from Mycobacterium species.	UGC Non-NET
12.	Ms. Asha Kumari	Dr. Monica Sharma		Weeds as potential source of Hydroxynitrile Lyase: Isolation, Characterization and Purification	UGC-JRF
13.	Ms. Priyanka	Prof. S. Saxena		Studies On Diversity OfBegomoviruses Causing Leaf Curl Disease In Papaya and its Effective Management using RNAi.	CSIR-JRF
14.	Ms. Arti Priadarshini	Dr. G. Sunil Babu		Studies on the regulatory role(s) of HCMV miRNA's on proapoptotic genes.	UGC Non-NET
15.	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
16.	Mr. Surya Pratap Singh	Dr. Yusuf Akhter		Completed Pre-Ph. D course work	UGC Non-NET
17.	Ms. Loveleen Kaur	Prof. D. R. Modi		Completed Pre-Ph. D course work	UGC Non NET
18.	Mr. Gauri Shankarr	Dr. Yusuf Akhter		Completed Pre-Ph. D course work	UGC Non NET
19.	Ms. Pragya Anand	Dr. Yusuf Akhter		Completed Pre-Ph. D course work	UGC Non NET

14. Google profile of the faculty members:

i. Prof. Sangeeta Saxena

All	Since 2016	
Citations	926	414
h-index	19	13
i10-index	27	16

ii. Prof. D. R. Modi

All	Since 2016	
Citations	1182	673
h-index	16	11
i10-index	24	17

iii. Dr. G. Sunil Babu

All	Since 2016	
Citations	280	177
h-index	09	08

i10-index	08	05

iv. Dr. Monica Sharma

All	Since 2016	
Citations	591	354
h-index	10	10
i10-index	10	10

v. Dr. Yusuf Akhter

All	Since 2016	
Citations	1609	1252
h-index	22	20
i10-index	46	44

Department of Zoology

The Department runs a Post Graduate and Under Graduate degree, in M.Sc. Zoology, M.Sc. Life Science and B.Voc. with three specializations viz., Sericulture, Fisheries, Apiculture, Pearl Culture, Prawn Culture, Livestock Production 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 future. In India, Sericulture and Fisheries have been developed as agro-based industries with a vast potential to the rural economy. These areas generate employment opportunities as given below:

i. a) Direct employment through mulberry cultivation, nursery management, silkworm rearing and cocoon production;
ii. b) Indirect employment through Silk rearing, twisting, warping, dying and weaving; and
iii. c) Generation of employment and revenue through inland fish culture.

In addition, the curriculum of M.Sc. Zoology includes general papers such as Biochemistry and Development Biology and Tools and Techniques in Biology which provides an ample knowledge in the domain of Life Sciences. 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.

1. Course Offered:

i. Ph. D. Zoology
ii. M. Sc. Zoology
iii. M. Sc. Life Sciences
iv. B.Voc. Livestock Production and Management.

2. Facilities available in the department:

i. Laboratories for M.Sc. and B.Voc. Students.
ii. Research Laboratories.
iii. Central Instrumentation Laboratory.
iv. Smart Classrooms.
v. Departmental Library.
vi. Rearing House.

3. Details of Faculty:

i. 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	:	25 Years
Research Experience	:	26 Years
Contact Details:		

Mobile No. : +91-9415109611
Email ID : drkamaljaiswal@gmail.com

ii. Prof. V. Elangovan

Designation : Professor
Qualification : Ph.D.
Specialization : Animal Behaviour
Teaching Experience : 16 Years
Research Experience : 19 Years
Contact Details:
Mobile No. : +91-9235565647
Email ID : elango70@yahoo.com

iii. Dr. Venkatesh Kumar R.

Designation : Associate Professor
Qualification : M.Sc. Ph.D.
Specialization : Sericulture & Natural Product Research
Teaching Experience : 15 Years
Research Experience : 15 Years
Contact Details:
Mobile No. : +91-9838616937
Email ID : drvenkateshkumar@yahoo.com

iv. Dr. Suman Mishra

Designation : Associate Professor (Stage 3)
Qualification : M.Sc. (Zoology), Ph. D. (Zoology)
Specialization : Parasitology
Teaching Experience : 14 Years
Research Experience : 20 Years
Contact Details:
Mobile No. : +91-9450413971
Email ID : drsumanmishra@gmail.com

v. Dr. Abha Mishra

Designation : Associate Professor
Qualification : Ph.D.
Specialization : Fish and Fisheries
Teaching Experience : 14 Years
Research Experience : 19 Years
Contact Details:
Mobile No. : +91-9450710387
Email ID : drabhamishra@gmail.com

vi. Dr. Sandhya

Designation : AssistantProfessor
Qualification : Ph.D. (Zoology)
Specialization : Fish Biology and Ecotoxicology
Teaching Experience : 05 Years 03 Months
Research Experience : Ph.D: 5 years,
Post-Doctorate research experience: 8 months

Contact Details:
Mobile No. : +91-9305008071
Email ID : drsandhya@bbau.ac.in

v. Dr. Neeshma Jaiswal

Designation : Assistant Professor
Qualification : M.Sc., D.Phil., F.Z.S.I., F.H.S.I.
Specialization : Molecular Parasitology,
Environmental Biology
Teaching Experience : 12 Years
Research Experience : 11 Years
Contact Details:
Mobile No. : +91-8528794158
Email ID : neeshversity@gmail.com

4. Details of Book Chapter in edited volume:

i. Dipti Kashyap, Harsita Pandey, **Kamal Jaiswal** and **Suman Mishra** "Fungal Diseases of Honey Bees: Current Status and Future Perspective" in **Recent Developments in Fungal Diseases of Laboratory Animals**, Springer Nature Switzerland AG (202), ISSN 2198-7777 ISSN 2198-7785(electronic) ISBN 978-3-030-18586-2.

ii. **Kamal Jaiswal**, Awanish Kumar Singh and **Suman Mishra** "Mycotic Infections in Bovines: Recent Trends and Insights on Pathogenicity After Post-Industrial Temperature Rise" in **Recent Developments in Fungal Diseases of Laboratory Animals**, Springer Nature Switzerland AG (202), ISSN 2198-7777 ISSN 2198-7785(electronic) ISBN 978-3-030-18586-2.

iii. Anita Yadav, **Neeshma Jaiswal,** Shivji Malviya and Sandeep K. Malhotra "Entomopathogenic Protozoa" in **Microbial Approaches for Insect Pest Management,** Springer Nature Singapore, ISBN 978-981-16-3594-6, doi10.1007/978-981-16-3595-3**.**

iv. Anita Yadav, Neerja Kapoor, **Neeshma Jaiswal** and Sandeep K. Malhotra Parasites: Futuristic Indicators of an Altered Aquatic Environment in **Explorations in Animal Sciences: Understanding Life Phenomenon**" Elsevier Publishers (in Press)

v. Reshu, Anita Yadav, Rashmi Srivastava, Neerja Kapoor, Sandeep K. Malhotra, Kamal Jaiswal and **Neeshma Jaiswal.** Parasite Diversity Strategies under influence of pollutants in **Explorations in Animal Sciences: Understanding Life Phenomenon**" Elsevier Publishers (in Press)

5. Paper published during the year by the faculty members:

Prof. Kamal Jaiswal

i. Karan Veer Singh, Awanish Kumar, Mehar Singh, **Kamal Jaiswal**, Manishi Mukesh, (2020) Epidemiology and Seasonal Variation of Ixodid Ticks in Dairy Cattle of Gangetic Plains of Uttar Pradesh, India. Agricultural Science Digest, A research Journal of Agriculture Animal and Veterinary Sciences, Print ISSN: 0253-150X, Online ISSN: 0976-0547, December, **NAAS – 4.21** (Online 11.01.2021), Agricultural Research Communication Centre (www.arccjournals.com)

ii. **Kamal Jaiswal**, Suman Mishra and Savita , (2020) Morphological and Molecular Characterization of Oesphagostomum Columbianum in Goat at Lucknow District Uttar Pradesh, Biochem. Cell Arch. Vol. 20, No. 2, pp-4761-4765, Print ISSN 0972-5075, E-ISSN 0976-1772, **NAAS: 4.95**

iii. **Jaiswal Kamal**, Mishra Suman, Singh Amit Kumar, Pandey Jyoti (2020) Seasonal prevalence

of gastrointestinal helminths in goats in Lucknow, Uttar Pradesh, Bulletin of Pure & Applied Sciences (Zoology), IndianJournals.com, Volume : 39a, Issue : 2, First page : (431) Last page : (439), Print ISSN : 0970-0765. Online ISSN : 2320-3188. Published online: 2020 06. Article DOI : 10.5958/2320-188.2020.00049.2 UGC Approved Journal (Indexed in Web of Science)

iv. Kashyap Dipti, **Jaiswal Kamal** (2020) An Efficient Method of Genomic DNA Extraction and Quantification from Insects, Bulletin of Pure & Applied Sciences (Zoology), IndianJournals.com, Volume : 39a, Issue : 1, First page (88), Last page (93), Print ISSN: 0970-0765. Online ISSN : 2320-3188 Published online : 2020 1. Article DOI : 10.5958/2320-3188.2020.00011.X UGC Approved Journal (Indexed in Web of Science)

v. **Kamal Jaiswal**, Suman Mishra and Anjum Bee (2020) Scanning electron microscopy of A scariadia galli in Gallus gallus domesticus in Lucknow, U.P., India, Indian Journal of Science and Technology, June, 2020, Vol. 13, Issue: 19, Pages: 1944-1954, P-ISSN 0974-6846 E-ISSN 0974-5645

vi. **Kamal Jaiswal**, Suman Mishra, Anjum Bee (2020) Prevalence of Gastrointestinal Helminth Parasites in Gallus gallus domesticus in Lucknow, U.P. India, Advances in Zoology and Botany 8(5): 422-430, October, 2020, DOI: 10.13189/az.2020080506 Peer Reviewed Journal

Prof. V. Elangovan

i. Dwivedi, A., **Elangovan V.,** Manisha, and Misra, P. K. (2020) Seasonal variation in feeding behaviour and foraging success of Indian pond heron (Ardeolagrayii) in different habitats. Indian Journal of Science and Technology, 13(22): 2203-2213.

ii. Bhartiy, S.K. and **Elangovan V.,** (2020). Influence of urbanization on roost selection of Asiatic Lesser Yellow bat, Scotophiluskuhlii (Leach, 1821) in Uttar Pradesh, India. Asian Journal of Conservation Biology, 9 (1): 143-150

iii. Misra, P. K., Gautam, N. K. and **Elangovan, V.** (2020). Morphological and Molecular Characterizations of Guanophilic Fungi of Bats. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. 90(3): 595–604

Dr. Venkatesh Kumar R.

i. Umesh Kumar, Avinash Jain, Anupam Guleria, Venkatesh Kumar, Durga P Misra, RuchikaGoel, DebashishDanda, RamnathMisra, Dinesh Kumar (2020). Circulatory glutamine/glucose ratio for evaluating disease activity in Takayasu arteritis: a NMR based serum metabolomics study. *Journal of Pharmaceutical and Biomedical Analysis,* 180, 113080.

ii. Umesh Kumar, Supriya Sharma, Manjunath Durgappa, Nikhil Gupta, Ritu Raj, Alok Kumar, Prabhat Narayan Sharma, VP Krishna, R Venkatesh Kumar, Anupam Guleria, Vivek Anand Saraswat, Gaurav Pande, Dinesh Kumar(2020) Serum metabolic disturbances associated with acute-on-chronic liver failure in patients with underlying alcoholic liver diseases: An elaborative NMR-based metabolomics study. *Journal of Pharmacy and Bioallied Sciences*-333_20

iii. R Venkatesh Kumar, Devika Srivastava, Umesh Kumar, Mukesh Kumar, Prashant Singh (2020). Bioprospecting of Omega 3 Fatty Acid from Silkworm Pupal Oil: From Molecular Mechanism to Biological Activities. *Journal of Biologically Active Products from Nature*-10(6) 495-506 (Taylor & Francis)

iv. Venkatesh Kumar R, Srivastava Devika, Vandana Singh, Umesh Kumar, Vijay Kumar Vishvakarma, Prashant Singh, Dinesh Kumar, Rajesh Kumar(2020). Characterization, biological evaluation and molecular docking of mulberry fruit pectin. *Scientific Reports* (Nature Publisher Group) (2020) 10:21789

v. Durgesh Kumar, Kamlesh Kumari, Abhilash Jayaraj, Vinod Kumar, Ramappa Venkatesh Kumar, Sujata K. Dass, Ramesh Chandra, and Prashant Singh. (2020). Understanding the binding affinity of noscapines with protease of SARS-CoV-2 for COVID-19 using MD simulations at

different temperatures. *Journal of Biomolecular Structure and Dynamics*, 1-14

vi. Durgesh Kumar, Kamlesh Kumari , Vijay Kumar Vishvakarma, AbhilashJayaraj , Dhiraj Kumar , Venkatesh Kumar Ramappa , Rajan Patel , Vinod Kumar , Sujata K. Dass , Ramesh Chandra and Prashant Singh (2020). Promising inhibitors of main protease of novel corona virus to prevent the spread of COVID-19 using docking and molecular dynamics simulation. *Journal of Biomolecular Structure and Dynamics*, 1-16

vii. Durgesh Kumar, Prashant Singh, Abhilash Jayaraj, Vinod Kumar, Kamlesh Kumari, Ramesh Chandra, Venkatesh Kumar Ramappa (2020). Selective Docking of Pyranooxazoles Against nsP2 of CHIKV eluted through isothermally and Non Isothermally MD simulations. *Chemistry Select*, 5 (14), 4210-4220.

viii. Venkatesh Kumar Ramappa, Devika Srivastava, Prashanth Singh, Umesh Kumar, Vandana Singh. (2020). Mulberry 1-deoxynojirimycin (DNJ): an exemplary compound for therapeutics. The Journal of *Horticultural Science and Biotechnology*, 1-8

ix. Venkatesh Kumar Ramappa, Devika Srivastava, Prashant Singh, Umesh Kumar, Dinesh Kumar, Sunil Babu Gosipatala, Sudipta Saha, Dhiraj Kumar, Ritu Raj. (2020). Mulberries: A Promising Fruit for Phytochemicals, Nutraceuticals, and Biological Activities. *International Journal of Fruit Science*, 1-26.

x. Mahendera Kumar Meena, Durgesh Kumar, Kamlesh Kumari, Nagendera Kumar Kaushik, Ramappa Venkatesh Kumar, Indra Bahadur, Lata Vodwal, Prashant Singh (2021). Promising inhibitors of nsp2 of CHIKV using molecular docking and temperature-dependent molecular dynamics simulations. *Journal of Biomolecular Structure and Dynamics*, 1-9.

Dr. Suman Mishra

i. K. Jaiswal, S. Mishra, A.K. Singh and Jyoti Pandey (2020) Seasonal prevalence of gastrointestinal helminthes in goats in Lucknow, Uttar Pradesh. Bulletin of Pure and Applied Sciences Vol. 39A (Zoology) No.2, pp.431-439. E-ISSN:2320-3188, P-ISSN:0970-0765. Impact factor 6.994.

ii. Kamal Jaiswal, Suman Mishra and Savita (2020) Morphological and Molecular Characterization of Oesphagostomumcolumbianumin Goat at Lucknow District Uttar Pradesh. Biochemical and Cellular Archives Volume 20, N0.2 pp.4761-4765, Print ISSN 0972-5075E-ISSN 0976-1772.

iii. Kamal Jaiswal, Suman Mishra and Anjum Bee (2020) Scanning electron microscopy of Ascariadiagalliin Gallus gallusdomesticus in Lucknow, U.P., India. Indian Journal Of Science and Technology, volume 13, Issue 19, pp:1944-1954. P-ISSN 0974-6846 E-ISSN 0974-5645

Dr. Abha Mishra

i. **Mishra A**& Joy KP, 2020. Characterization of gonadotropin induced oocyte jelly coat from the catfish Heteropneustesfossilis (Bloch). International Journal of Environmental Science and Technology. Int. J. Environ. Sci. Technol. 17, 287–294.

ii. **Mishra A** and Devi Y, 2020. Gonad Biochemical Profile Alteration by Chlorpyrifos in Freshwater Fish Channapunctatus. Int J Pharm Bio Sci 11(2); 84-94.

iii. **Mishra, A.,** & Singh, A. (2020a). Attenuation of chlorpyrifos induced toxicity in freshwater catfish, Heteropneustesfossilis. Biochemical and Cellular Archives, 20, 5065-5072.

iv. **Mishra, A.**, & Singh, A. (2020b). Effect of curcumin, ascorbic acid against chlorpyrifos toxicity on histotexture and bimolecular content of fresh water catfish Heteropneustesfossilis. Journal of Experimental Zoology India, 23, 1043-1049.

v. Tripathi S, Singh K, Singh A, **Mishra A**, Ram Chandra (2021). Organo-metallic pollutants of

distillery effluent and their toxicity on freshwater fish and germinating Zea mays seeds. Int. J. Environ Scien Technol.

vi. **Mishra A** and Singh A, 2021. Chlorpyrifos effect on vitellogenin, ovarian steroid in adult and NR5A1 expression in fry of the freshwater catfish, Heteropneustesfossilis (Bloch, 1794). Asian Journal of Biological and Life sciences,10 (1); 2021

Dr. Sandhya

- **Sandhya Bharti** and FazleRasool (2021). Analysis of the biochemical and histopathological impact of a mild dose of commercial malathion on Channapunctatus (Bloch) fish, Toxicology Reports, 8, 443-455.

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

i. Dr. Suman Mishraattended an invited lecture on "Hands-on with metagenomics: Studies & Analysis using community DNAto whole genomes" Online by Avastambh, on 4th to 6th January 2021.

ii. Dr. Suman Mishra attended One Day Online Quiz by Swami VivekanandSubharti University, KeralVermaSubharti College of Science on 29.04.2020.

iii. **Dr. Suman Mishra** attended One week faculty development Programme by IQAC, A. N. College, Patna in association with Indian Institute of Technology-Bombay, 11th to 17th May, 2020.

iv. **Dr. Suman Mishra** Attended One Day Webposium "Indo-Egyptian Web posium on Covid Reality: Cost of Human Lives and Economy of the World" by Chhatrapati Shahuji Maharaj University, Kanpur, 18th May 2020.

v. **Dr. Suman Mishra** Attended Two Days Online Webinar "Advance in Biotechnology for Health, Food and Nutrition to Encounter Covid-19" by Ä. K. S. University, Setna (MP) India, 22nd and 23rd May, 2020.

vi. **Dr. Suman Mishra** attended One Day Online Workshop on Teaching-Learning Through Module by School of Education, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Raebareli Road, Lucknow & Mahatma Gandhi Central University Motihari, East Champaran, Bihar, 23 May, 2020.

vii. **Dr. Suman Mishra** Attended One Day Webinar "Human, Health & Herbs-3H" by Mahila Vidyalaya Degee College, Aminabad, Lucknow, 30th May, 2020.

viii. **Dr. Suman Mishra** Attended 21 days "Online Teaching Certificate Program (Advanced)" by Institute of Tropical Epidemiology & Public Health (ITEPH) &Data Analytics Core Group (DAGG), Lucknow, 27th May – 2ndjune 2020, 04th June – 10th June 2020 and 12thJune – 18th June 2020.

ix. **Dr. Suman Mishra** Attended One Day Online International Webinar on "STRATEGIES AGAINST THE COVID-19 PANDEMIC" by Department OF Biotechnology, Sir J.C. Bose Technical Campus, Kumaun University, Nanital, 18th June, 2020.

x. **Dr. Suman Mishra** Attended One Week Online Training Programme on "Data Analysis Using SPSS" by Science Tech Institute, Lucknow, U.P. during, 17-22 Aug, 2020.

xi. **Dr. Abha Mishra** Attended TEQIP workshop "Modern Analytical tools for Biomedical Research and Teaching" conducted by Department of Bioscience and Bioengineering, IITG under the Technical Education Quality Improvement Programme (TEQIP) sponsored by the Ministry of Human Resource Development, Government of India, held on 22nd Feb 2021 – 26th Feb 2021.

xii. **Dr. Sandhaya** Participated in 2 Weeks faculty development program (FDP) organized jointly by Ramanujan College And Motilal Nehru College (E), University of Delhi, Teaching Learning Centre, MHRD on "Learning Advanced E-tools for MOOCs Development & Research" from September 1- September 14, 2020.

xiii. **Dr. Neeshma Jaiswal** Participated and successfully completed one-week International Multidisciplinary Faculty Development Program from 06-06-2020 to 12-06-2020 organized by Internal Quality Assurance Cell (IQAC) under CPE Scheme approved by UGC of Ranvir Rananjay Post Graduate College, Amethi, U.P., India.

xiv. **Dr. Neeshma Jaiswal** Participated and successfully completed one-week national level online hands- on Faculty Development Program on "Reskilling using ICT Tools" from 15-06-2020 to 21-06-2020 organized by the Department of Computer Science and Engineering of Dr. M.G.R. Educational and Research Institute, Maduravoyal, Chennai.

xv. **Dr. Neeshma Jaiswal** Participated and successfully completed Refresher Course: Winter School on Novel insights In Life Sciences Research (Interdisciplinary) from 15.2.2021 to 27.2.2021 and obtained Grade A in UGC-sponsored Refresher Course (online) held at Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), India-495009 with Registration Id No. T16122020182549 dated 18.3.2021.

xvi. **Dr. Neeshma Jaiswal** attended Indo-Egyptian Webposium on Covid Reality: Cost of Human Lives and Economy of the World by Chhatrapati ShahuJi Maharaj University, Kanpur, 18th May-20th May, 2020.

xvii. **Dr. Neeshma Jaiswal** Participated and Presented a Research paper in the International Webinar on "Covid 19: A Global Issue" by Faculty of Science, RRPG College Amethi (U.P.), India, 23rd May-24th May, 2020.

xviii. **Dr. Neeshma Jaiswal** Attended National Webinar on "Achieving Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities" by School of Business studies & IQAC, Sharda University, Ambala, 3rd June, 2020.

xix. **Dr. Neeshma Jaiswal** Participated in International Webinar on Covid 19 and the environment by Department of Zoology, CMP Degree College (A constituent PG College of University of Allahabad), Prayagraj, 5th June, 2020.

xx. **Dr. Neeshma Jaiswal** Participated in National Webinar on Covid19: Economic Challenges and Opportunities for India by Department of Economics, Arya Kanya PG College, Prayagraj, 6th June, 2020.

xxi. **Dr. Neeshma Jaiswal** Participated in National Webinar on 'Drug-Repurposing against covid-19 by Department of Zoology, NGB (Deemed to be University), Prayagraj, UP., India, 21st June, 2020.

xxii. **Dr. Neeshma Jaiswal** International Webinar on Parasites & Impact of COVID-19 Environment by University of Allahabad, Prayagraj, 19th Dec – 20th Dec, 2020.

7. Details of invited lecture inside the country:

Dr. Suman Mishra delivered an invited lecture on "Parasitology: some basic concepts" at Live Webinar on "Basic Concept of Zoology & Environment" organized by Adarsh Institute of Management & Science, Dhamnod, ZSI, Society of Life Sciences, Satna, Department of Zoology and Applied Aquaculture Barkatullah University, Bhopal, 2020.

8. Details of National Award/fellowship:

Dr. Neeshma Jaiswal

i. Defence Life Science Journal, PISSN:2546-379X; EISSN: 2546-0537, A Publication of DRDO, confers Certificate of Excellence in Reviewing 2020 awarded in recognition and appreciation of outstanding contribution made to the quality of the Journal by Defence R & D Organization, Metcalfe House, Delhi-110054, India.

ii. Certificate of Appreciation for participating in the Zoology-Quiz 4 organized by the Department of Zoology, Holy Cross College (Autonomous) Nagercoil, Kanniya kumari District on June 12, 2020 and secured 80%.

iii. Award of Excellence, Women Scientist Award International Conference on Environmental, Agricultural, Human and Animal Health June 5-6th,2021 organized by Voice of Indian Concern for the Environment (VOICE).

9. Details of Research Projects:

i. **Prof. V. Elangovan** is running a major project titled "**Foraging behaviour and ecological implications of insectivorous bats**" funded by Science and Engineering Board, DST, New Delhi, No: EEQ/2018/000104 with grant of Rs. 4669000.00for three years (w.e.f. Feb 2019 - Feb 2022).

ii. **Prof. V. Elangovan** is running a major project titled "**A study on evolution and fitness consequences of conventional and alternative reproductive strategies in the Indian flying fox, *Pteropusgiganteus***" funded by Science and Engineering Board, DST, New Delhi, No: CRG/2019/000278withgrantof Rs. 4325240.00 for three years (w.e.f. 23 Jan 2020 - 22 Jan 2023).

iii. **Dr. Abha Mishra** with Dr. Jyoti Pandey, Department of Chemistry, BBAU is running a major project titled "Enhancement of immunity and nutritional value of fresh water fish *Heteropneustesfossilis* (Bloch, 1794) by novel arylvinylpyrimidine derivatives" funded by DBT (BT/PR21245/AAQ/3/830/2016) with grant of Rs. 55,20,451.00 for three years (Started on 16.3.2018, contd.).

iv. **Dr. Neeshma Jaiswal**is running UGC Start-Up Grant titled "**Zoonotic induced alterations in histo-chemical correlates, oxidative stress and ecological dynamics of certain riverine fishes"** funded by University Grants Commission, New Delhi, vide letter no. F-30-4460/2019 (BSR) dated 24.5.2019 with grant of Rs.10,00,000. (Contd…)

10. Details of patents filled/awarded:

A patent has been granted to Inventors Inventors: Dhiraj Kumar and Venkatesh Kumar R., Title and Award/Application no: Bio-foliar is an eco-friendly formulation applied for the growth and productivity of different mulberry varieties (Patent No. 349541)

11. Students achievements:

i. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma		M.Sc. Zoology	47
	M.Sc. Life Sciences	23	
	Ph.D. Zoology	02	

ii. Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Rohit Kanojia	Prof. Kamal Jaiswal	Dr. D. R. Modi, Department of Biotechnology, BBA University, Lucknow	Effect of Histone methylationon expression of C- AMP response element binding protein (CREB) and its target genes following fear learning.	UGC Non-Net fellowship
2.	Param Dev	Dr. Venkatesh Kumar R.	NA	Investigations On Mulberry And Non Mulberry Silkworm Pupal Oil	NA

iii. Ph.D thesis submitted during the year

1.	Ms. Savita	Prof. Kamal Jaiswal	NA	Prevalence, Morphological identification and Molecular study of gastrointestinal nematode parasite in Goat.	RGNF fellowship
2.	Ms. Anjum Bee	Prof. Kamal Jaiswal	NA	Studies on Prevalence, Morphological and molecular Characterization of gastroinstinal Nematode parasite in Poultry.	UGC-Non-Net
1.	Shani Kumar Bhariy	V. Elangovan	NA	Effect of urbanization on roosting, feeding and reproductive behaviour of Asiatic Lesser Yellow bat, *Scotophiluskuhlii*	UGC Non-Net fellowship
2.	Akansha Dwivedi	V. Elangovan	NA	A study on the effect of pollutants and heavy metals on pond heron, *Ardeolagrayii*	UGC Non-Net fellowship
3.	Manisha	V. Elangovan	NA	A study on symbiotic relationship of cattle and cattle egret	UGC Non-Net fellowship
4.	Abhisweta Singh	Abha Mishra	NA	Effect of chlorpyrifos on the gonadal maturation of freshwater catfish Heteropneustesfossilis (Bloch, 1794)	UGC Non-Net fellowship

iv. 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 gallus domesticus 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.	Shakti Vardhan Singh	Prof. V. Elangovan	NA	Behavioural ecology of the mouse-tailed bat, Rhinopomahardwickii	UGC Non-Net fellowship
7.	Naheda	Prof. V. Elangovan	NA	Roosting and reproductive ecology of the Indian flying fox, Pteropusmedius (Temminck, 1825)	UGC Non-Net fellowship
8.	Devika Srivastava	Dr. Venkatesh Kumar R.	NA	Studies on Isolation, Purification and Characterization of Alpha-linolenic Acid of Tasar Pupae Oil	UGC Non-Net fellowship
9.	Vandana Singh	Dr. Venkatesh Kumar R.	Dr. Dinesh Kumar, Associate Professor, CBMR, SGPGI, Lucknow	Development characterization drug loading and drug release properties of silk fibroin hydrogeis for biomedical application	UGC Non-Net fellowship
10.	Umesh Kumar	Dr. Venkatesh Kumar R.	Dr. Dinesh Kumar, Associate Professor, CBMR, SGPGI, Lucknow	Identification of Distinctive Metabolic Signatures of autoimmune inflammatory diseases using NMR based Metabolomics Approach	ICMR- JRF/SRF
11.	Kusumala Suman	Dr. Venkatesh Kumar R.	NA	Course work completed	UGC Non-Net fellowship
12.	Harshita Pandey	Dr. Suman Mishra	NA	Studies on the microsporidian parasites of honey bee (Apismellifera L.)	UGC Non-Net fellowship
13.	Anurag Kumar Sonker	Dr. Suman Mishra	NA	Studies on the parasitic mite affecting honey bee (Apismellifera L.)	UGC Non-Net fellowship

14.	Shabbir Hussain	Dr. Suman Mishra	Prof. Fayaz Ahmad, Department of Zoology, University of Kashmir, J&K	Studies on the Gastrointestinal Helminth Fauna in Small Ruminants of Kargil (Ladakh) and their control by select ethnoveterinary plants	CSIR-NET JRF
15.	Sneha Kumari	Dr. Suman Mishra	NA	A Study on the Entomopathogenic nematode parasites of Galleria mellonella on bee hives of Apismellifera	UGC Non-Net fellowship
16.	Pooja Pandey	Dr. Abha Mishra	NA	Curcumin effects on biological property of freshwater catfish, Heteropneustes fossilis (Bloch,1794)	UGC Non-Net fellowship
17.	Bulbul Ali	Dr. Abha Mishra	NA	Influence of pyrimidine and it's derivatives on brain physiology of freshwater catfish Heteropneustes fossilis (Bloch 1794)	CSIR (JRF)
18.	Anil Kumar	Dr. Abha Mishra	NA	Exploration of Heterocyclic Compounds on the Reproductive Physiology of the Freshwater Catfish, Heteropneustesfossilis (Bloch 1794)	CSIR (JRF)
19.	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
20.	Poonam	Dr. Sandhya	NA	Toxicity analysis of polycyclic aromatic hydrocarbon (PAH) on the integumentary system of carp fish	NFSC
21.	Neha Gondial	Dr. Sandhya	NA	Course work completed	UGC-JRF
22.	Km Reshu	Dr. Neeshma Jaiswal	NA	Epidemiological studies on helminth parasites in cat fishes of Gomati river	UGC Non-Net fellowship
23.	Pradeep Kumar	Dr. Neeshma Jaiswal	NA	Diversity and Population Dynamics of Helminth Parasites in fish of Wetland Ecosystem	UGC Non-Net fellowship
24.	Dhananjay Yadav	Dr. Neeshma Jaiswal	NA	Microfaunal Diversity and Population Dynamics of Hyperparasite Inhabiting Fishes of Gomti River at Lucknow	UGC Non-Net fellowship
25.	Abhishek Kumar Gupta	Dr. Neeshma Jaiswal	NA	In vitro characterization and anthelmintic potential of honeybee venom on certain fish parasites	UGC Non-Net fellowship

Any other special achievements recorded by the students:

12. Student publications:

S. No.	Name of Student/ Scholar	Books	Book Chapters	Papers in UGC Listed journal	Papers in other peer review journal
1.	Chetan Singh, Poonam	"Epidemics and Pandemics outbreak in India from 19th to 21th Century", Journal of Science and Technology, Vol. 05, Issue 05, Sep-October 2020, pp59-63		Under review in UGC listed as well as Scopus	
2.	Reshu	Explorations in Animal Sciences: Understanding Life Phenomenon	Parasite Diversity Strategies under influence of pollutants.		

13. Google profile of the faculty members:

i. Prof. Kamal Jaiswal

	All	Since2016
Citations	90	78
h-index	06	04
i10-index	02	02

ii. Prof. V. Elangovan

	All	Since2016
Citations	540	235
h-index	14	10
i10-index	17	10

iii. Dr. Venkatesh Kumar R.

	All	Since2016
Citations	686	527
h-index	13	12
i10-index	16	14

iv. Dr. Suman Mishra

	All	Since2016
Citations	149	47
h-index	06	04
i10-index	04	01

v. Dr. Abha Mishra

	All	Since2016
Citations	382	216
h-index	9	7
i10-index	9	5

vi. Dr. Sandhya

	All	Since2016
Citations	119	89
h-index	04	04
i10-index	04	03

vii. Dr. Neeshma Jaiswal

	All	Since2016
Citations	84	68
h-index	06	05
i10-index	04	02

School of Management & Commerce

School for Management Studies was established in the Year'2010 with One Department, Department of Rural Management offering one Master Course, MBA (Rural Management). Subsequently Ph.D in Management, MBA (FM, HR, MKTG), M.Phill in Management, 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 Rural Management (DRM) and (2) Department of Commerce (DC) under School of Management and Commerce.

Department of Rural Management

The Department of Rural Management under School for Management Studies (SMS) was established in the year 2010. The main objective of the School is to produce Socially, Culturally and Economically sensitive leaders in the field of Management and particularly in the world of Rural Management. India still being the largest agriculture based economy needs high skilled manpower to cater to the needs of farmers, agro based industries, NGOs, and other rural financial sectors. The School is bestowed with rich legacy of successful 5 years. Contemporary Doctoral, Postgraduate and Undergraduate courses pertaining to Business administration are run in this department. The various courses offered in the department are Ph.D., MBA (Rural Management), MBA (HR/Finance/ Marketing) under various disciplines and BBA. The thrust of the program is focused on quality teaching and research in management sphere. The objective of the department has always been to create a niche in management education. The teaching pedagogy is at par with best practices comprising of Case studies, Presentations, Industry Interaction, Projects etc. enabled with Audio-visual and field-based studies. The department has well experienced faculty with expertise in different aspects of business studies. The depa rtment regularly conducts curricular and extracurricular activities. Management Quiz, Extempore, Management Skits, Management Games, Cultural and Sports events are conducted for multifaceted development of young managers being groomed in department.

Outcome of Department of Rural Management (DRM):

India is known to a country of villages; about 70 million people live in these villages. These people are aspiring to live healthy and economically active life. For this to happen there is need to break the Rural and Urban boundary and achieve inclusive and sustainable development. To achieve this we need to leverage the rural resources and create income generating opportunities in rural regions. Department of Rural Management (DRM) is working in direction the direction of making rural India vibrant in terms of economic capabilities and inclusive development. We at DRM believe that proper use of rural resources, bridging gap in marketing and distribution of rural produce, financial Inclusion, efficient governance are some core issues if addressed aptly, Rural India will certainly become prosperous and India for sure become the world largest economy. With this conviction DRM faculties and staff are relentlessly working to achieve following major outcomes:- 1. Study and redesign the Management principles in rural perspective. 2. Train manpower that can understand and address specific managerial needs of rural business and entrepreneurship. 3. Conduct Research to provide policy inputs in context of rural development. 4. Training and

Consultancy in the field of Manpower planning, worker and labour psychology, financial inclusion, livelihood, Agriculture Supply Chain Management, management of Microfinance Institutions etc.

Mission Statement: "Department of Rural Management (DRM) will relentlessly pursue the goal of making rural people prosperous and vibrant through Training, Research and Consultancy." Vision Statement: "Carving self reliant and sustainable rural ecosystem

1. Course Offered:

i. Ph.D,
ii. M.Phil,
iii. MBA(Rural Management, Financial Management, Human Resource Management, Marketing Management)
iv. BBA

2. Facilities available in the department:

i. Library,
ii. Computer Lab,
iii. LCD equipped Classrooms

3. Details of Faculty:

i. Prof. Kushendra Mishra

- Professor,
- Dean, School of Management & Commerce
- Head, Department of Rural Management
- **Specialization:** Economics, Legal and Regulatory Framework, Finance
- **Qualification:** MBA, Ph.D (Business Administration)

ii. Prof. Md. Shakil Khan

- Professor
- Head, DC
- **Specialization:** Marketing, Rural Development
- **Qualification:** MBA, M.Com and Ph.D

iii. Dr. Taruna

- Assistant 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

4. Details of Seminar / Conference organized by the department:

i. Department of Rural Manangement organized an online Interaction session by Mr. Parameswaram Iyer on his book "Method in Madness" in collaboration with Lucknow Manangement Association on March 31, 2021 coordinated by Dr. Lata Bajpai Singh.

ii. AICTE-ATAL Funded Five days Online National Level workshop on topic "Data Analytics in Business Research" , Between 29 January 2020 to 02 February 2020, , Funded amount Rs. 0.93 Lakhs, coordinated by Dr. Ramesh Kumar Chaturvedi.

5. Other departmental level Academic Activities:

National online Article Writing Competition on topic "Covid-19, A GLOBAL PANDEMIC: PROSPECTS AND CHALLENGES", 27 May 2020 , coordinated by Dr. Ramesh Kumar Chaturvedi.

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

i. DICCI, MoU

ii. EDI, Ahmedabad (To develop Entrepreneurship among Students)

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

Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drives.

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

- AIMA - Dr. Taruna
- ICA - Dr. Taruna
- IAA - Dr. Taruna

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

Chaturvedi , Ramesh Kumar and Yadav Sanjay Kumar (2020) Contemporary research in Management Vol. – II, Starlet Publishing House, Bilaspur, ISBN – 978-93-00307-62-3

10. Details of Book Chapter in edited volume:

i. Dhar, D. & Singh, L.B., (2021). Mindfulness in Indian Industries: A Research Gap perspective. In A. K. Sinha, B. Singh, V. Tripathi, A.K. Srivastava, & S. Khan (Eds), *Ancient Indian Wisdom: For Sustainable Wellbeing* (pp. 270-276). Bharti Prakashan. (ISBN: 978-93-88019-98-3)

ii. Mehdi, S. A. & Singh, L.B. (2020). Individual Entrepreneurial Orientation of Professional Course's Graduates. In A. Singh, D.K. Dwivedi & A. Pandey (Eds), *Architecting HR Transformation: Digitalisation into Action* (pp. 15-25). Bharti Publications.

iii. Singh, N. & Singh, L.B. (2020). Effect of Academic Performance & Demographic Variables on Employability Skills of Engineering Graduates. A. Singh, D.K. Dwivedi& A. Pandey (Eds), *Architecting HR Transformation: Digitalisation into Action* (pp. 60-67). Bharti Publications. (ISBN: 978-98-89657-38-8)

iv. Taruna, Chapter titled "Unveiling the Multidisciplinary and Liberal Approach of Higher Education in new Education Policy 2020 in the Era of Industrial Revolution 4.0,' Page 161,the book titled National education Policy 2020: A Critical Review, Princeps Publishing, March2021, ISBN-978-81-953048-0-6

v. Chaturvedi , Ramesh Kumar et al. (2020), Work Life Balance of Employees During Covid-19 with special reference to Police Department in Contemporary research in Management Vol. – II, Starlet Publishing House, Bilaspur, ISBN – 978-93-00307-62-3

11. Paper published during the year by the faculty members:

Dr. Taruna

Paper Published:

i. Paper titled " Incorporating COVID-19 measures As CSR Practice: A case study of State Bank of India, Volume 7, Issue 28, October -December, Page 98-101, ISSN-2348-2397, Shodh Sarita, UGC Approved Care Listed Journal

ii. Paper titled "Financial Literacy as a mediator of personal financial health during COVID-19: A Structural Equation Modelling Approach, Emerald Open Research, Page1-19 14 September 2020.

iii. Paper titled "Demonetization: A Step to clean Economy for Cashless Revolution in India, Volume 29No.9s (2020), Page 612-619, ISSN 2005-4238, International Journal of Advanced Science and Technology.

Dr. Ramesh Kumar Chaturvedi

Paper Published:

i. Singh Om Prakash and **Chaturvedi , Ramesh Kumar** (2021). Impact of Microfinance as an Alternative approach in Socio-economic Development of Rural Population, Sodh Sanchar Bulletin, 11(41), pp 123-128.

ii. Yadav Sanjay Kumar and **Chaturvedi , Ramesh Kumar** (2020). Impact of Digital Payment on In-store Impulse buying, sodh Sarita, 8(29), pp. 197-200.

iii. Singh, Lata Bajpai, **Chaturvedi, Ramesh Kumar**, Syed Asif Mehdi, Sachitaa Srivastava (2020). Student's Preference towards Specialization Selection: An Exploratory Perspective, Adhyayan, 10(2), pp. 10-16.

Dr. Lata Bajpai

Paper Published:

i. Kapoor, V., Yadav, J., Bajpai, L & Srivastava, S. (2021) perceive stress and psychological well-being of working mothers during COVID-19: a medicated moderated roles of teleworking and resilience. Employee relation: The International journal. **(ABDC-B category Journal, SCOPUS listed , Impact factor- clarivate Analytics: 2.248).**

ii. Singh, L., B., & Vashisht, A, (2021). From verbal abuse to intention to leave: role of engagement and emotional exhaustion, World Reviews of Enterpreneurship Management and Sustainable Deveplopment, 17 (2-3), 161-185. **(SCOPUS listed, CiteScore 2020:1.1)**

iii. Singh, L.B. & Srivastava, S. (2021). Linking workplace ostracism to turnover intention. A moderated mediation approach. Journal of Hospitality and Tourism Manangement, 46, 244-256. **(ABDC- A category Journal, SCOPUS listed, Impact Factor-5.959, Cite Score: 5.3)**

iv. Singh, L. B., Kumar, A., & Sivastava, S. (2020). Academic burnout and student engagement: a moderated mediation model of internal locus of control and loneliness journal of international education in business. **(ABDC- A category journal, SCOPUS listed, Cite Score: 1.8)**

v. Tripathi, P, M, Srivastava, S, Singh, L.B., Kapoor, V, & Solanki, U. A (2021). JDR perspective for

enhancing engagement through empowerment: A study on Indian hotel industry, journal of hospitality and tourism management, 46, 12-25. **(ABDC- A category journal, SCOPUS listed, Impact factor- 5.959, cite score:5.3)**.

vi. Srivastava, S, & Bajpai, L. (2020). Linking conservation of resource perspective to personal growth initiative and intention to leave: role of mediating variables. Personnel review. **(ABDC-A category journal, SCOPUS listed, Impact factor clarivate analytics: 3.434)**

vii. Singh, L.B., Chaturvedi, R.K., Mehdi, S.A., & Srivastava, S,. (2020). Students's preference towards specialization selection: An exploratory perspective, Adhyayan: A journal of management sciences, volume 10, (2).

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

Dr. Taruna

Workshop Attended:

i. One week Faculty Development Programme on Entrepreneurship, Incubation and Innovation from 23June-29June 2020 Sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission of Teachers &Teaching organized by Teaching Learning Centre Ramanujan College, University of Delhi

ii. Two weeks Faculty development Programme on AdvancedConcepts for Developing MOOCs from02July-17July 2020Sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission of Teachers &Teaching organized by Teaching Learning Centre Ramanujan College, University of Delhi.

iii. Fifteen days Faculty Development Programme on Research Methodology, 8 December-22 December 2020 organized by Indian Teachers Education Community.

iv. Online Teachers Training on Cyber Safety and Security, 26-31 July 2021,Information Security Education and Awareness (ISEA), Ministry of Electronics &Information Technology (Meity).

v. Seven Faculty Development Programme on Writing Research Papers and Research Project, 1 Mach -17 March organized by Indian Teachers Education Community.

vi. Virtual workshop on Scientific Writing for High Impact Journals, 28-30 April, 2021organized by Kongu Business School.

vii. Wokshop on Bibliometric Analysis and Questionnaire Development, 24-25 July2021, Department of Management Studies,Delhi College Of Technology &Management.

viii. Five Days Online Faculty Development Programme (FDP) on **Data analysis Using R**, Funding Agency: **AICTE ATAL** proposed date 25-29 October 2021

Dr. Lata Bajpai

Workshop Attended:

i. Presented a research paper titled, "Engaging Employees Post Covid-19 Era: A Parellel Mediation Approach" during Eighteenth AIMS Internation Confernce on Management , Organized by AIMS International, on March 4-5, 2021.

ii. Presented a research paper titled, " Study of Psychological Contract and Engagement among IT Professionls" during 21st International business horizon INBUSH ERA WORLD SUMMIT 2021, at Amity University on 17th-19th Febuary 2021.

iii. Research paper presentation titled, " Engineering Graduates perception towards Self Employability Skills-An exploratory study" during 21st International Business Horizon INBUSH ERA WORLD SUMMIT 2021 at Amity University on 17-19 Febuary 2021.

13.Details of invited lecture inside the country:

Ramesh Kumar Chaturvdi, delivered online lecture on Topic "Plagiarism and other Academic Breaches" in UGC-STRIDE workshop at Mahatma Gandhi University, Kottayam, Kerela on 27 December 2020.

14. Students achievements:

i. Accomplishments of Students		
Number of students completed their Masters/graduation/ Diploma	BBA	52
	MBA	120
Number of Student selected in Civil Services	01	
Number of student pursuing higher studies	21	
Number of student selected on other government jobs/ banking/school teaching etc	07	
Number of Students placed through campus interview	72	
Number of student awarded SLET/NET/JRF/any other fellowship	NET 05	

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
ii. Ph. D Awarded during the year:					
1.	Seema Verma	Dr. Taruna		"A COMPARATIVE STUDY ON WORK-LIFE BALANCE OF WORKING WOMEN IN GOVERNMENT AND PRIVATE HOSPITALS OF LUCKNOW DISTRICT"	Non-Net
2.	Sudhakar Pushkar	Prof. Kushendra Mishra		"A STUDY ON PRICE DISCOVERY IN INDIAN COMMODITY MARKET: AN EMPERICAL INVESTIGATION"	-
3.	Khushbu Mehndi	Prof. Kushendra Mishra		Emotional intelligence as a precursor to competitive advantage and organizational performance: A study of select Indian organization.	Non-Net
4.	Tanuja Singh	Prof. M.S. Khan		Internatinalisation of Indian Recruitment firms with specific reference to Human Capital in Delhi NCR.	SRS
5.	Om Prakash	Dr. Ramesh K Chaturvedi		A study on role of MFIs in socio-economic development of rural population- in context of eastern U.P.	
6.	Pratiksha Mishra	Dr. Taruna		The role of gender	
iii. Ph.D thesis submitted during the year					
1.	Seema Verma	Dr. Taruna		"A COMPARATIVE STUDY ON WORK-LIFE BALANCE OF WORKING WOMEN IN GOVERNMENT AND PRIVATE HOSPITALS OF LUCKNOW DISTRICT"	Non-Net
2.	Sudhakar Pushkar	Prof. Kushendra Mishra		"A STUDY ON PRICE DISCOVERY IN INDIAN COMMODITY MARKET: AN EMPERICAL INVESTIGATION"	Non-Net

3.	Khushbu Mehndi	Prof. Kushendra Mishra		Emotional intelligence as a precursor to competitive advantage and organizational performance: A study of select Indian organization.	Non-Net
4.	Tanuja Singh	Prof. M.S. Khan		Internatinalisation of Indian Recruitment firms with specific reference to Human Capital in Delhi NCR.	SRS
5.	Om Prakash	Dr. Ramesh K Chaturvedi		A study on role of MFIs in socio-economic development of rural population- in context of eastern U.P.	
6.	Pratiksha Mishra	Dr. Taruna			
12	Arun Kumar	Dr. Ramesh Kumar Chaturvedi	-	NA	RGNF
13	Vinay Punia	Dr. Abhilash babu	-	NA	RGNF
14	Mussa Md.	Dr. Abhilash Babu	-	NA	NFHE
iv Ph. D student's Pursuing					
01	Vishal Verma	Prof. Kushendra Mishra	-	NA	NON-NET
02	Swati Anand	Prof. Kushendra Mishra	-	NA	NON-NET
04	Mona Gautam	Dr. Ramesh K. Chaturvedi	-	NA	NON-NET
05	Azmee Zaheer	Prof. M.S. Khan	-	NA	NON-NET
06	Abhivykti Kumari	Dr. Ramesh K. Chaturvedi	-	NA	NON-NET
07	Neeraj kumar	Dr. Abhilash Babu	-	NA	NON-NET
08	Saumya Chandel	Prof. M.S. Khan	-	NA	JRF
09	Syed Asif Mehdi	Dr. Lata Bajpai Singh	-	NA	JRF
10	Manu Pal	Dr. Lata Bajpai Singh	-	NA	NON-NET
11	Pradeep Kumar Rai	Prof. M.S. Khan	-	NA	NON-NET

12	**Neerja Rai**	**Prof. Kushendra Mishra**			**NON-NET**
13	**Shalini Singh**	**Prof. Kushendra Mishra**			**NON-NET**
14	**Sachita Srivastava**	**Dr. Lata Bajpai Singh**			**UGC-NET**
15	**Shiwani Singh**	**Dr. Taruna**			**UGC-NET**
16	**Jyoti Singh Bharti**	**Dr. Tarun**			**UGC NET JRF(NFSC)**
17	**Shiv Kumar Tripathi**	**Dr. Ramesh Kumar Chaturvedi**			**NON-NET**
18	**Salahuddin Khan**	**Dr. Taruna**			**NON-NET**
19	**Shraddha Chaubey**	**Dr. Taruna**			**JRF**
20	**Srishti Chaubey**	**Prof. Kushendra Mishra**			**UGC-NET**
21	**Sagar Chander**	**Dr. Taruna**			**JRF**
22	**Richa Mishra**	**Prof.Mohd. Shakil Khan**			**NON-NET**
v. M. Phil degree awarded					
1	Niharika Singh				
2	Ravindra Kumar				
3	Richa Mishra	Prof.Mohd. Shakil Khan			
4	Kashish Gupta				
5	Prakhar Kumar				
6	Roma Trigunait				
vi. M.Phil pursuing					
1	Diksha Dhar	Dr. Lata Bajpai Singh			Non-Net

2	Nitish Shekhar	Dr. Taruna			-
3.	Roshni Kumari	Dr. Ramesh K. Chaurvedi			JRF

15. Student publications :

S. No.	Name of Student/ Scholar	Books	**Book Chapters**	**Papers in UGC listed journal**	**Papers in other peer review journal**
1	Diksha Dhar		Mindfelness in Indian Industries		
2	Syed Asif Mehdi		1. An exploratory perspective, Adhyan: A journal of management sciences, volume10,(2) 2. Individual entrepreneurial orientation of professional course's graduate		

16. Google profile of the faculty members :

i. Prof. Kushendra Mishra

All	Since 2013	
Citations	560	--
h-index	--	--
I 10-index	--	--

ii. Prof. Md. Shakil Khan

All	Since 2013	
Citations	--	--
h-index	--	--
I 10-index	--	--

iii. Dr. Taruna

All	Since 2013	
Citations	--	--
h-index	--	--
I 10-index	--	--

iv. Dr. Ramesh Kumar Chaturvedi

All	Since 2013	
Citations	28	60
h-index	4	3
I 10-index	--	--

v. Dr. Lata Bajpai

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 full 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 Courses and Ph.D in Commerce. The Department is poised to traverse a new height and unknown and unconquered horizons.

1. Courses offered/New Courses :

- B.Com (Hons)

2. Facilities available in the Department like:

i. Departmental Library.
ii. Computer Centre.
iii. Committee Room etc.
iv. Wi-Fi Newtwork

3. Details of the Faculty

Prof. M.S. Khan

- professor
- **Experience** More than 21 Years
- **Qualification** MBA, PhD

4. Details of the Seminar/Conference organised:Co-curricular/Extra-Co-curricular/ conferences event organised

i. 15th Days National Workshop on Research Methodology on 11th Jan- 25th Jan 20017
ii. National Seminar on "Dr. Ambedkar : Interdisciplinary Ideology on Aspirations for the Nation's Better future" on 14th April 2018.
iii. Regional Seminar by SEBI conducted on 01.012.2017.
iv. Eye Donation Awareness Programme by KGMU, Lucknow on 27.03.2018.

5. Other Department Level Academic Activities :

- Teaching, Research, Extension and Development, Project, Dissertation .

6. Co-curricular/Extra-curricular/sport Activities.

- Students had participated in inter university co-curricular activities and won medals.
- Students of department got placement in Public sector banks .
- Students participated in sports activities organised by the University and won medals.
- Best Player award for the year 2018 to B.Com IV Sem. Student.

School of Media and Communication

School of Media and Communication has been established in the year 2015 and became fully operational since 26th March 2018. The School of Media and Communication currently has one department and UP's first Media Centre.

The Department of Mass Communication and Journalism offers MA, M.Phil and Ph.D Programmes in the field of Mass Communication and Journalism. The School of Media and Communication is not only a place where the students get quality education and degree but also a platform that encourages collaboration, disseminates job opportunities, enhances creativity, and provides global exposure to the students.

The students of School of Media and Communication are not only placed in reputed organizations across India but also brought many moments of pride for the School and the University. The films and the research work of the students are well recognized by the Stateand Central Government Bodies. One of the films of a research scholar not only won first prize in the International Science Film Festival of India but also got appreciation from the State Government and Industry.

Students are placed in reputed organizations such as Lucknow Metro Rail Corporation, Indian Information Services, Times of India, Hindustan Times, Dainik Jagran, Amar Ujala etc. Many of the research scholars are working as Assistant Professors in Central and State Universities. A number of students are working as freelancer and started their own ventures.

Students won many awards in Science and Literature. The students are closely working with many NGO's and bringing many issues of public concern to the forefront to build public opinion. Various co-curricular activities are also conducted for an all-inclusive development of the students at School of Media and Communication.

i. Number of Departments: **01**
ii. Number of faculty in each Department: **07**

Department of Mass Communication & Journalism

The Department of Mass Communication & Journalism, started in 2008, offers Master, M.Phil. and Ph.D. programs in Mass Communication & Journalism. The basic objective of the Department is to produce skilled professionals for the exponentially expanding world of mass media, both print as well as electronic. The Department also endeavors to provide advanced and specialized professional training to the students and also caters to the higher level of demands in the profession of Mass Communication, including media & communication research and media & communication education. The Department aims and endeavors to develop into a centre of excellence in the field of Mass Communication & Journalism.

1. Courses offered:

- Ph.D
- M.Phil

- M.A. (JMC)

2. Facilities available in the Department

- Departmental Library
- Computer Lab
- Smart Class Room

3. Details of faculty:

i. Prof. Gopal Singh

- Professor, Head
- DMCJ

ii. Prof. Govind Ji Pandey

- Professor
- DMCJ

iii. Dr. Mahendra Kumar Padhy

- Associate Professor
- DMCJ

iv. Dr. Rachana Gangwar

- Assistant Professor
- DMCJ

v. Dr. Kunwar Surendra Bahadur

- Assistant Professor
- DMCJ

vi. Dr. Lok Nath

- Assistant Professor
- DMCJ

vii. Dr. Arvind Kumar Singh

- Assistant Professor
- DMCJ

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

i. A session on **Portrayal of Development Issues in Cinema** was organized as part of Uttar Pradesh Science Congress.

ii. Science Awareness Creation Among Students, Teachers and General Public to Fight Againt Covid - 19 and other Related Viruses Through Traditional and Folk Media and Outreach Programmes (Workshop on Script Writong and Material Development on Health and Risk Communication : To Fight Against COVID -19 , 02 - 03 March 2021

iii. Organized webinar “Role of media during COVID-19 crisis”.

iv. Organized International webinar “Environment & sustainability”.

v. Organized national webinar “ वेब पत्रकारिता में हिन्दी भाषा का अनुप्रयोग।

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

Prof. Gopal Singh:

i. RAC Member of Department of Journalism and Mass Communication, KMCLU
ii. DRC member of Doon University, Dehradun.
iii. DRC member of Himanchal Pradesh University, Shimla
iv. DRC member of Veer Bahadur Singh Purvanchal University, Jaunpur
v. Member of Advisory Committee in Doon University, Dehradun.
vi. Member of Board of Studies Veer Bahadur Singh Purvanchal University, Jaunpur
vii. Member of Board of Studies in Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

Prof. Govind ji Pandey :

i. BPGS member , UPRTOU, Allahabaad .
ii. BPGS member ,Awadh University , Faizabaad
iii. BPGS Member, DMCJ, Kushabhau Thakre University, Raipur.

Dr. M.K. Padhy

Life Member:

i. Life Member, Indian science Congress, Kolkata.
ii. Life Member, Indian Science Writers Association, New Delhi
iii. Life Member, Indian Institute of Public Administration, New Delhi
iv. Life Member, Social Science Associations, Lucknow.

Dr Rachana Gangwar :

i. Member of Referee Board in “Radha Kmal Mukharji Chintan Parampara” a UGC Care listed
ii. research journal.
iii. Executive Council member, Public Relation Society of India ,Lucknow, U.P
iv. Member of Nation Communication Association
v. Life Member of Public Relation Society of India
vi. Life Member of Indian Sociological Society
vii. Member of Asian Media Information and Communication Centre
viii. Life Member of National Book Trust of India
ix. Life Member of Indian Social Science Association
x. Life member of Blue Planet Society
xi. Life member of Global Environment & Social Association
xii. Life member of “Patel Mahila Evam Bal Vikas Smiti” an NGO

Dr. Loknath :

- BPGS member , UPRTOU, Allahabaad .

Dr. Arvind Kumar Singh

i. Life Member of Indian Science writers association, New Delhi.
ii. Life Member of Indian Science Communication Society. Lucknow.

iii. Associate editor, Kahar, Multilingual magazine from Lucknow.
iv. Member of Editorial board, Shodh Sanchyan International Research Journal, New Delhi.
v. Member of International Youth Hostel Association of India.

5.Details of Books written/edited by faculty members

Sl.No.	Book title	Editor and Publisher	ISSN/ISBN No.	Year
1	भारत की लोक कलाएं एवं भोजपुरी सिनेमा	Prof Govind Ji Pandey, Dr. Hari Nath, University Publication , New Delhi	ISBN 978-81-951512-2-6	2021

6. Details of Book Chapter in edited volume

Sl.No.	Name of Faculty Member	Title of chapters	Book title	Editor and Publisher	ISSN/ISBN No.	Year
1	Prof. Govind Ji Pandey	Role and Impact of Documentary Based Interventions for Effective Health Communication Regarding Cancer, Shodh Sanchar Bulletin, Vol.10 Issue 39	An International Bilingual Peer Reviewed Refereed Research Journal	Approved UGC Care	ISSN No. 2229-3620	2020
2		Cgnet Swara : An Alternative Media Platform for Tribal in Chhattisgarh, , Vol. 10, Issue 39	Shodh Sanchar Bulletin	Approved UGC Care	ISSN No. 2229-3620	2020
3		स्वास्थ्य संचार में जनसंचार माध्यमों की प्रासंगिकता–संदर्भ कोरोना महामारी एक अध्ययन, Vol.7, Issue 27, July	Shodh Sarita	Approved UGC Care	ISSN No. 2348-2397	2020
4		A Case-Based Analytical Study of the Portrayal of Cancer in Indian Hindi Cinema, Journal, Volume IX, Issue VIII	Mukt Shabd Journal	UGC Care Group-I Journal	ISSN No.: 2347-3150	2020

7.Attended/participated in Conferences/seminar/workshop inside Country

Prof. Gopal Singh

i. "The Scenario of Responsibilty and Dilemma in Building the Individual and Society beween Tradditional and Social Media –A Dialouge" 11 May 2020 {National Webinar}
ii. उच्च शिक्षा नीति में नया सवेरा, राष्ट्रीय वेबिनार बुदेंलखण्ड विश्वविद्यालय, झांसी, दिनांक 08 सितम्बर, 2020
iii. प्रेस विरासत दिवस पं. माध्यव राव सप्रे:व्यक्तित्व व कृतित्व, इंटिग्रेटेड सोसाइटी ऑफ मीडिया प्रोफेशनल्स लखनऊ, दिनांक 19 जून 2021

Prof. Govind Ji Pandey :-

i. Mukt Shabd Journal
ii. " A Case – Based Anaytical Study of the Portryal of Cancer in Indian Hindi Cinema " August 2020

iii. Role of Media in Covid Crisis, Date 17 July 2020.
iv. Role of Health Communication regarding Cancer Awareness: An Analytical Study, Date July- December 2020.
v. Media Education for Subaltern Voice, Date 2020
vi. 6th Community Radio Video Challenge- Film Making Waorkshop and Video Challenge in Collaboration CEMCA, New Delhi
vii. कोरोना काल में मीडिया व सामाजिक चुनौतियां, दिनांक 24 जून, 2021
viii. कोविड–19 व ब्लैक फंगस से बचने के उपाय, दिनांक 25 जून 2021
ix. प्राचीन और आधुनिक कला का अन्तः सम्बन्ध व डिजिटल दुनिया में बदलतें कला के आयाम, दिनांक 27 जून, 2021
x. प्राचीन और आधुनिक कला का अन्तः सम्बन्ध व डिजिटल दुनिया में बदलतें कला के आयाम, दिनांक 27 जून,2021

Dr. M. K. Padhy :-

Award/Recognition:

i. Teaching and Research Excellence Award,2020
ii. Adarsh Vidya Saraswati Rastriya Puraskar, 2020

Reserach Publications:

i. Media, Health Literacy Campaign and the Nutritional Status of Indian Rural Women: An Analytical Study, Journal of Interdisciplinary Cycle Research**(UGC Care Listed Journal),** Vol. XII, Issue.V, 397-413,2020.
ii. Media Literacy, Women and Health Awareness: A Research Study, International Journal of Management and Social Science Research Review, Peer Reviewed and Indexed Journal, Impact Factor-5.646,Feb,2020.
iii. Lifestyle Communication, Media and Environmental Sustainability: A Participatory Approach from Consumption to Information Dissemination, Shikshan Soudha Social Science Journal, Vol.9, No.1, Page 1-10, Peer Reviewed and UGC Care Listed Journal, 2020
iv. Health Science Through Mass Media, Mass Media: A Communication Research Journal, Vol.9, No.100, Page-26-30, Peer Reviewed Journal, May,2020.
v. Paradigmatic Approaches to Health Communication: An Analytical Study in the Indian Context, Vol.10, page 75-87, International Journal of Research in Social Science, Page- 75-87, Vol.10, Issue 03,2020.
vi. Health and Women Malnutrition: The Mediating Effect of Cognitive Absorption, International Journal of Research in Social Science, Peer Reviewed Refereed and Indexed Journal**, Impact factor-7.081,2020.**

International Seminar /Conference Presentations:

i. Role of Media in Spreading Viral Hepatitis among the Youth: A Study with Special Reference to Lucknow City, Uttar Pradesh, India, IAMCR, Tampere University, Finland, July,2020
ii. Organized One International Web Seminar (Two days) as Convener, 2020.

Invited Lecture: 05

i. Invited Lecture of Press Information Bureau, Lucknow.
ii. Organized one International conference on Environment & Sustainability as convener.

FDP/ Refresher Course: { Dr.M.K.Padhy }

i. FDP on Environment, Biodiversity and Disaster Risk, Dept. of Energy and Environment, School of Environment Sciences, NIDM, Ministry of Home Affairs, Govt. of India,March,2020

ii. Research Methodology Workshop, CPDHE, HRDC, University of Delhi, UGC, New Delhi

iii. Refresher Course on Mass Communication and Media Technology, UGC, New Delhi,2020

Dr Rachana Gangwar

Attended/participated/ delivered lecture in Conferences/seminar/workshop inside Country

i. Delivered a talk on "Role of Media in COVID Crisis" an International webinar organized by DMCJ,BBAU, Lucknow on 17th July 2020

i. Delivered a talk on "Aatm Nirbhar Bharat- A mission of self reliance through ' Made of India" (2020) from 11th August to 15th August 2020 organised by 20 UP Girls BN NCC, Lucknow

i. Delivered a talk on "National Education Policy" on 13th October 2020 organised by NCC/ NSS/ UBA/ CBFW , BBAU, Lucknow

i. Participated in an International Webinar "Role of Media in COVID Crisis" organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow. 17th July, 2020

i. Participated in International Webinar "वेब पत्रकारिता में हिन्दी भाषा का अनुप्रयोग" organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow. 14th September, 2020

ii. Participated in an International webinar on Relevance of Gandhian Thoughts and Current Mass Media on 1 October 2020, by DMCJ, BBA University, Lucknow

iii. Participated in **International Webinar** On the occasion of 150 Birth Anniversary of Mahatma Gandhi **"Development Communication for a Sustainable Future: Revisiting the Gandhian Model of Environmentalism"** organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow, held on 20th - 21st October, 2020.

iv. Participated in **International Webinar** On the occasion of Constitution Day **"Fundamental Duties under Indian Constitution: Importance and Implementation"** organized by Department of Law School of Legal Studies Babasaheb Bhimrao Ambedkar University, Lucknow, held on 26th November, 2020.

Reserach Publications:

i. Published a research paper "Construct (suggestive) models for media education of India : A connecting thread on Media Academia and Media Industry" in a an international research journal "Media Education (Mediaobrazovanie)" ISSN 1994-4195, 2020

ii. Published a research paper lk'ky eh fM;k ij izlkfjr ok;jy lan'kk dk lekt ij çHkko , d fo'ys"k.kkRed v/;;u " in a national research journal "RadhaKamal Mukarji : Chintan Prampara " ISSN 0974 0074 , 2020

iii. Published a research paper "Behavioral effects of Web Series on Indian Youth" in a an international research journal "The Asian Thinker" ISSN 2582- 1296, 2021

i. Published a research paper "लोकतन्त्र मे जनमत निर्माण पर सोशल मीडिया का प्रभाव : एक अध्ययन" in a national research journal "RadhaKamal Mukarji : Chintan Prampara " ISSN 0974 0074 , 2021

FDP/ Refresher Course:

i. FDP on "How to Publish Research Paper in Top Tier International Journal", organized by Institute of Management Studies, Ghaziabad, 26th May to 30th May 2020

ii. FDP on "Managing Online Classes and Co- Creating Moocs 3.0", organized by Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission on Teachers and Teaching 25th July to 10th August 2020

Dr. Kunwar Surendra Bahadur

S.N.	PROGRAM	DATE
	Webinar:	
1.	ORGANISED WEBINAR "Role of media during COVID-19 crisis"by BBAU	17.07.2020
2.	Participate in Webinar on Event industry post covid-19 organized by deptt. Of Mass Communication and journalism, Manav Rachana University	16.05.2020
3.	International conference on yoga and health,GGDC-DLW,Varanasi	8-9 march 2020
4.	National conference "current isssues and presentation,MGKVP	30-31 MAY 2020
5.	Participate in Webinar on" Life Bit by Bit @ Corona in Australia"	19.05.2020
6.	Participate in Webinar on "Exploring and Understanding the role media suring COVID-19 organised by VBSPU,Jaunpur	17.05.2020
7.	Participate in Webinar on "Media ethics during COVID-19 :Pandemic", UPRTOU-Prayagraj	06.06.2020
8.	Participate in Webinar on "The role of mass media during the pandemic covis-19" by DRMLAU	07.05.2020
9.	Participate in Webinar on "Paradigm Shift Towards Online Libraries During Pandemic" by New age publisher-India	12.09.2020
10.	Participate in Webinar on "Relevance of Gandhian philosophy and predent mass media scenario" by BBAU	01.10.2020
11.	Participate in Webinar on "Communication Crisis and Role of Media During Covid 19" by MERI college New Delhi	02.05.2020
12.	Participate in Webinar on Atmnirbhar bharat ki parikalpna evam hindi ki bhoomika, by NGBU-Prayagraj	01&02.08.2020
13.	Participate in Webinar on "Positive journalism during crisis" organized by American college,Madurai	28.05.2020
14.	Web ptrakarita ka hindi bhasha me anooprayog organized by BBAU	14.09.2020
15.	Participate in Webinar on "Development communication for a sustainable future by BBAU	20&21 .10.2020
16.	Participate in Webinar on "COVID ibfodemic and media " by SU,Ko;hapur	9 & 10.06.2020

17.	Participate in Webinar on "Vsual art: skill,communication and management" by MGKVP	27.09.2020
18.	Participate in Webinar on "changing economic policies in the wake of covid-19 and role of media" by stc,bhillai.	02.06.2020
19.	Participate in Webinar on "Vartman vaishvik paridrishya aur patrakarita ki chunautiya " by DBAU,Agara	20.05.2020
20.	Participate in Webinar on " vigilant India,Prosperus India"BBAU	29.10.2020
	Refresher Course:	
1.	Refresher Course in **Journalism, Media and Cinema** conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi .	20th July 2020 to 01st August 2020.
	FDP:	
1.	Online Faculty Development Programme organised by the Department of Journalism and Mass Communication, Kristu Jayanti College, Bengaluru.	12.05 2020 to 16.05. 2020.
2.	FDP ON "Environment,Biodiversity and risk management" BY BBAU	02.03.2020 TO 06.03.2020

Dr. Lok Nath :-

Details of Paper Published/Conference/Seminar/Workshope and Book chapter
Chapters in Book :
Chapter in books **"Social Media Mein Bhojpuri Cinema",** Edited Book : **Bharat ki Lok Kalaye evom Bhojpuri Cinema**, First Edition : 2021, Published by University Publication, Ansari Road Dariyaganj New Delhi-02, International Standard Book Number - ISBN - 978-81-951512-2-6.

Presented Paper in the National Seminars: 1
Research Paper entitled **"Rastrabhav ke Jagran mein Social Media Ki Bhumika"** presented in the National Seminar on "Rastra Nirman mein Shaikshik Sansthano ka Yogdan : Bhavisayavadi Dristikon" organized by Baba Saheb Bhimraw Ambedkar Central University, Lucknow on January 10-11, 2020.

Participated in Seminars:

i. Participated and Present Report in International Webinar "Role of Media in COVID Crisis" organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow. 17th July, 2020.

ii. Participated in National Webinar "भारत का विचारः परम्परा और आधुनिक की सनातनता" organised by Mahatma Gandhi Central University, Bihar on 23rd August, 2020.

iii. Participated in National Webinar "नई शिक्षा नीति 2020: भविष्य के पथ पर " organised by IQAC, MGKVP Varanasi and Sponsored by Uttar Pradesh Council of Higher Education, Lucknow on 1st September, 2020.

iv. Participated in International Webinar "Digital Technologies in the Public Health Response to Pandemic" Jointly organized by the Department of Zoology & IQAC, R.K.D. College, Patna. 5th September, 2020.

v. Participated in National Webinar "भारतेन्दु हरिश्चन्द्र की पत्रकारिता एवं उनका साहित्य" Jointly organized by Atal Bihari Vajpayee Bhasha, Sahitya aur Patrakarita Shodh Sansthan, Department of Hindi MGKVP Varanasi and Integrated Society of Media Professional, Lucknow 9th September, 2020.

vi. Participated in National Webinar "Politics of development Neoliberal India" organized by Department of Political Science, Paschim Guwahati Mahavidyalaya, Dharapur Guwahati-17, Assam. September 11, 2020.

vii. Participated in National Webinar on the theme "भारतीय भाषाओं में शिक्षा और भाषाई पत्रकारिता के नए सोपान" organized by Ganesh Shankar Vidyarthi Subharti Patrakarita evam Jansanchar Mahavidyalaya, New Delhi. September 12, 2020.

viii. Participated in National Webinar "वेब पत्रकारिता में हिन्दी भाषा का अनुप्रयोग " organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow. 14th September, 2020.

ix. Participated in National Webinar on the theme "कोरोना काल में ऑनलाईन कार्य, प्रक्रिया, पणिाम और साइबर सुरक्षा और तकनीकी शब्दावली" jointly organized by Ministry of Education and Department of Higher Education Gandhi Vidya Mandir, Sardarshahar, Rajasthan. September 17-19, 2020.

x. Participated in International Webinar "New Emerging Trends in Peace Studies" organised by Department of Gandhian and Peace Studies, Mahatma Gandhi Central University, Motihari, Bihar (India) on International Peace Day 21st September, 2020.

xi. Participated in National Webinar "21वीं सदी मे हिन्दीः चुनौतियाँ एवं संभावनाएं" organised by Department of Hindi, Mahatma Gandhi Central University, Motihari, Bihar and Shiksha Sanskriti Uthan Nyas, Bihar September 22, 2020.

xii. Participated in Online National Webinar "Under Paramarsh Scheme" of UGC on "Comprehensive Approach towards Optimal Learning Environment & Support for Students" organized by IQAC of MDSD Girls College ,Ambala City held on 25 September,2020 .

xiii. Participated in International Webinar On the occasion of 150 Birth Anniversary of Mahatma Gandhi "Development Communication for a Sustainable Future: Revisiting the Gandhian Model of Environmentalism" organized by the Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar Ambedkar, University, Lucknow, held on 20th - 21st October, 2020.

xiv. 14. Participated in International Webinar On the occasion of Constitution Day "Fundamental Duties under Indian Constitution: Importance and Implementation" organized by Department of Law School of Legal Studies Babasaheb Bhimrao Ambedkar University, Lucknow, held on 26th November, 2020.

Participated in Workshop:

i. Participated in the seven days Online Workshop on **"Digital Daur mein Media ka Bahuayami Swaroop"** by IQAC and Department of Mass Communication, Purvanchal University, Jaunpur, U.P. on 14th and 20th June 2021.

ii. Participated in the two days Online Workshop on **DATA JOURNALISM** by Department of Journalism and Mass Communication, LPCPS on 14th and 15th July 2021.

Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes :-

S.No	Name of Teacher's/ Number of teachers who attended	Title of the professional development programme	Date and Duration (from – to)
1	Dr. Loknath	Faculty Development Programme (FDP) on "Environment, Biodiversity and Disaster Risk Management" Organized by National Institute of Disaster Management (NIDM) and Deptt.of Energy and Environment, BBAU-Lucknow, U.P.	02-06 March 2020
		One Week Faculty Development Programme on "Open Source Tools for Research" organized by Teaching Learning Centre Ramanujan College, University of Delhi. Sponsored by MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.	June 08 - June 14, 2020
		Two Week Online Faculty Development Programme On "Application of New Media Technology and Communication Skill in Teaching" Jointly organized by Mahatma Gandhi Kashi Vidyapith, Varanasi and Gujarat Vidyapith, Ahmedabad.	(27th July, 2020 – 10th August, 2020)

Dr. Arvind Kumar Singh :-

Details of Book Chapter in edited volume:

i. Bhojpuri Cinema :Nai Sambhavnaye evom Ummide in Book Bhartiy Lok Kalaye evom Bhojpuri Cinema, Edited by Prof Govind Ji Pandey, Published by University Publication , New Delhi,2021, ISBN 978-81-951512-2-6.

ii. Lok Kalaye : Nai Sambhavnaye evom Ummide , in Book Bhartiy Lok Kalaye evom Bhojpuri Cinema, Edited by Prof Govind Ji Pandey, Published by University Publication , New Delhi,2021, ISBN 978-81-951512-2-6.

iii. Bharat mai Jan Jatiya Samaj in book Adivasi Samaj : Akancchaye evon New Media, edited by Dr. Nagendra Singh, Swarajya Publication , New Delhi. 2021 , ISBN-978-93-87195-74-5.

8. Research Paper published during the year by the faculty members:

i. Suchana Technique Ka Bhasha evon Sanchar pr Prabhav in Shodh Dhara, Vol 4, No 4, December, 2020 , ISSN : 0975-3664, RNI : U.P. BIL/2012/43696 , Page 96-102.

ii. Fake Samacharo ka Adhyayan (Kovid ke Sandarbh mai) in Shodh Sanchyan 15 July,2020, Vol 11 Issue-2, Half yearly International Research Journal, ISSN 0975 – 1254(Print), ISSN 2249 – 9180 (Online) , RNI DELBIL/2010/31292.

9. Faculty Development Programme Participation-

i. Two weeks online FDP on Application of New media Technology and Communication Skills in Teaching, MGKV & Gujrat Vidyapith from -27 July -10 August,2020

ii. FDP on Research methodology (Version 2.0) on June 27, 2020 organized by AE Consultancy Service and EMG-SSM Trust .

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

i. National Webinar on Hindi Journalism; Current Issues and Presentation, 30-31 May, 2020, organized by Department of Journalism and Mass Communication, Mahatma Gandhi Kashi Vidyapith, Varanasi.

ii. National Webinar on Exploring and Understanding The Role of Media During Covid-19. 17 May, 2020, organized by VBS Purvanchal University, Jaunpur.

iii. Delivered Lecture in National Webinar- Covid Transition: Challenge Before Mass Media and Solution, 12 May, 2020, Communication study and research organized by department, Rani Durgavati University, Jabalpur M.P.

iv. International webinar on Trends in Sustainability: Regenerative Agriculture, 26-27 June,2020 organized by Department of Botany, Maharana Pratap PG College, Jungle Dhusar College. Gorakhpur.

v. International Webinar on Covid-19 and Environment Linkage, 29 June, 2020, organized by Department of Environment Science, BBAU University, Lucknow.

vi. International Webinar Current Global Scenario and India: Challenges Prospects and Role, 15-17 May, 2020, organized by Bhartiya Shikshan Mandal Kanpur Prant and Shodh Dhara Quarterly Research Journal.

vii. Teaching Learning through Moodle, 23 May, 2020, organized by School of Education BBA University Lucknow and Mahatma Gandhi Central University, Motihari.

viii. International Webinar Developing Communication for Sustainable Future Revisiting the Gandhian Model of Environmentalism on 20-21 October,2020 organized by DMCJ ,BBA University , Lucknow

ix. International Webinar on Covid -19 Pendimic: Society and Science, June 8,2020 organized by M.K.College, Leheriasarai, Darbhanga.

x. National Webinar on Covid- 19 Pandemic: Way of Life ,on June 20,2020 organized by M.K.College, Leheriasarai, Darbhanga.

xi. Chaired the session and delivered talk in one day International Webinar on Role of media on covid crisis on 17 July , 2020 organized by DMCJ,BBA University, Lucknow

xii. National webinar on Covid-19: Cause, Effect and Probable Wayout on June 10,2020 organized by Sri J.N.Mishra PG College KKC, Lucknow

xiii. International webinar on Relevance of Gandhian Thoughts and Current Mass Media on 1 October 2020, by DMCJ, BBA University, Lucknow

xiv. National Webinar on Web Patrakarita mai Hindi Bhasha ke Anuprayog on 14 September, 2020 by DMCJ,BBA University, Lucknow

xv. National E-Workshop on Research Challenges in Computer Science and Technology, 18-23 June, 2020, Department of Computer Science and Technology, Mahatma Gandhi Central University Bihar.

xvi. National E-Workshop on Digital dour mai Media ka Bahuayami Swarup

xvii. on 14-20 June,2021 , organized by VBS Purvanchal University. Jaunpur .

xviii. National E-Workshop on Law Governance & Management to Combat Covid-19 Pandemic: Issues and Challenges, 3-10 June, 2020, organized by Mahatma Jyotiba Phule University, Rohilkhand , Bareilly , India

11. Details of National Awards/fellowship

National Science Film Festival of India (NSFFI), Date 18-22 March 2020 'Neelu Sharma'.

12. Details of International Awards/fellowship

International Science Film Festival of India, Date 22-25 December 2020 'Neelu Sharma'.

13. Students achievements

i. Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/ degree awarde

S.No.	Student Name	Supervisor Name	Course	Topic	Award
01	Kritika Agarwal	Prof. Gopal Singh	Ph.D (JMC)	"Social Media and Suicidal Ideation among Students Pursuing Higher Education : A Study Based in Lucknow (U.P.)	2020
02	Rashmi Kumari	Prof. Gopal Singh	Ph.D (JMC)	"Communicator, Message, Medium and Effect :A Study with Special Reference to Prem Rawat, 'An Ambassador of Peace."	2020
03	Harinath Kumar	Prof. Govind Ji Pandey	Ph.D (JMC)	"Deconstruction of Reality in Hindi Cinema"	2020
04	Shachindra Shekhar Shakunt	Prof. Govind Ji Pandey	Ph.D (JMC)	"प्रिंट मीडिया में प्रकाशित स्वास्थ्य संबंधी खबरों की परिशुद्धता एवं प्रभाव का अध्ययन"	2020
05	Ankit Dixit	Prof. Govind Ji Pandey	Ph.D (JMC)	"विश्व में अमेरिकन फिल्म नोयर के उद्भव, विस्तार, सिनेमाई प्रविधि, एवं भारतीय हिन्दी सिनेमा पर प्रभाव का एक अध्यन "	2020
06	B. Ananda Babu	Dr. Mahendra Kr. Padhy	Ph.D (JMC)	Role of Media and Spreading awarness of viral hepatitis amoung the youth : A Study with Special reference to Lucknow City, UP.	2020
07	Alok Kumar Jha	Dr. Rachana Gangawar	Ph.D (JMC)	"Media Education in India : A Critical Study"	2020
08	Sahab Kumar	Dr. Arvind Kr. Singh	M.Phil (JMC)	A Comparative content analysis of prime time Hindi news programmes (Indian national news channels)	2021
09	Ashutosh Kumar Rai	Prof. Govind Ji Pandey	M.Phil (JMC)	भारतीय सिनेमा पर इप्टा का प्रभाव	2021

ii. Number of student completed their Masters/Graduation/Diploma

S. No.	Course Name	No. of Students	Year
1	M.A. (JMC)	32	2020
2	M.A. (JMC)	37	2021

iii. Details of students selected for teaching in higher education.

S.N.	Name of Student	Pass out	Teaching Higher Education
01	Shachindra Shekhar Shakunt	Ph.D	Khwaja Moinuddin Chishti Language University

iii. Number of student pursuing higher studies

S. No.	Name of Students	Course	Higher Education
1	Shyam Pratap Singh	M.A. - Mass Communication & Journalism	M.Phil BBAU
2	Shewta Singh Rathore	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU
3	Jyotsana Singh	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU
4	Asutosh Kumar Rai	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU
5	Sahab Kumar	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU
6	Swapan Kumar Ray	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU
7	Princi Mishra	M.phil - Mass Communication & Journalism	Ph.d - Mass Communication & Journalism BBAU

iv. Number of student awarded SLET/NET/JRF/any other fellowship.

S. No.	NET	JRF	Year
1	01	01	2020

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:

- Department of Pharmaceutical Sciences

Number of faculty in each Department:

- Department of Pharmaceutical Science: 07 (Seven)

Department of Pharmaceutical Sciences

The Department of Pharmaceutical Sciences was established in 2010. It offers M.Pharm and Ph.D. programs in Pharmacology and Pharmaceutics. The permanent faculty members are well qualified and are experts in the field of Pharmaceutical Sciences to enable a holistic environment of learning. The Department is well equipped with state of the art infrastructure and equipments. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell Springer-Verlag. Taylor & Francies and so on. Being placed at Lucknow, networking is possible with institutes like CSIR-CDRI, CSIR-CIMAP, SGPGI and so on. Alumni of the Department are placed in the industry, drug regulatory affairs, teaching and a host of other profiles. The Department has secured Extramural Research Grants from various funding Agencies like ICMR, UGC, SERB, DST and DBT of more than 3.5 crore.

1. Course Offered:

1. M.Pharm (Pharmaceutics)
2. M.Pharm (Pharmacology)
3. 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. Smart Class Rooms
v. Library

vi. Office
vii. Seminar Hall
viii. Computer Lab

3. Details of Faculty:

i. Prof. Gaurav Kaithwas

- **Professor & Head** Department of Pharmaceutical sciences
- **Specialization:** Pharmacology
- **Qualifications:** M.Pharm., Ph.D.

ii. Prof. Shubhini A. Saraf

- **Professor** Department of Pharmaceutical sciences
- **Dean**, SB&PS/School of Biomedical & Pharmaceutical sciences
- **Specialization:** Pharmaceutics
- **Qualifications:** M.Pharm., Ph.D.

iii. Dr. P.S. Rajinikanth

- **Associate Professor** Department of Pharmaceutical sciences
- **Specialization:** Pharmaceutics
- **Qualifications:** M.Pharm., Ph.D.

iv. Dr. Sudipta Saha

- Assistant Professor Department of Pharmaceutical sciences
- **Specialization:** Pharmaceutical Chemistry
- **Qualifications:** M.Pharm., Ph.D.

v. Dr. Vikas Mishra

- **Assistant Professor** Department of Pharmaceutical sciences
- Specialization: Pharmacology
- **Qualifications:** M.Pharm., Ph.D.

vi. Dr. Sapana Kushwaha

- Assistant Professor Department of Pharmaceutical sciences
- Specialization: Pharmacology
- Qualifications: M.S.(Pharm), Ph.D

vii. Dr. Vijayakumar M.R.

- Assistant Professor Department of Pharmaceutical sciences
- **Specialization:** Pharmaceutics
- **Qualifications:** M.Pharm., Ph.D.

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

Participation during the webinar on THRUST AREA TO AWAKEN INNATE WOMEN LEADERSHIP organized by APTI WOMEN FORUM, North Zone Association with PDM University, Department of Pharmaceutical Sciences, BBAU & DST CPR on **04-March 2021**

4. Details of memorandum of Understanding signed with the national/foreign Institutions,

Memorandum of Understanding signed by NIPER Hyderabad & Babasaheb Bhimrao Ambedkar, University, 20-08-2020

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

Prof. Shubhini A.Saraf

i. **Current Drug Discovery Technologies: Editorial Advisory Board Member 2019-21**
ii. **International Journal of Science Technology and Society (A BBAU journal): Editor in Chief 2019-21**
iii. **International Journal of Science Technology and Society (A BBAU journal): Editorial board member, 2017-19**
iv. **A.P.T.I. Women's Newsletter: Editor 2019-21**
v. **Guest Editor** "Current Pharmaceutical Design (C.P.D.)" (Volume 26; Issue 42),2020 Bentham Science

Dr. Gaurav Kaithwas

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

Dr. P.S Rajinikanth

i. Malaysian Pharmaceutical Society
ii. Controlled Release Society, Malaysia Chapter
iii. Tamilnadu Pharmacy Council
iv. Indian Pharmaceutical Graduates association

Dr. Vikas Mishra

i. Membership-
   - Indian Academy of Neurosciences, INDIA- Life member since 2009
   - Society for Neurochemistry, INDIA- Life member since 2010
   - Indian Pharmacological Society, India- Life member since 2019
   - Translational Biomedical Research Society, India- Life member since 2019

ii. Reviewer for - Neuroscience Journal, PLOS ONE Journal, Seizure: European Journal of Epilepsy, Neural Regeneration Research Journal
iii. Guest Associate Editor/ Review Editor: Frontiers in pharmacology, Frontiers in behavioral Neuroscience, Frontiers in system neuroscience, Frontiers in neuroscience, Frontiers in psychiatry, Frontiers in neurology
iv. Associate editor for BBAU Internal Journal- International Journal of Science, Technology & Society (IJSTS)

Dr. Sapana Kushwaha

i. Society for Toxicology (STOX), India
ii. Society for Toxicology (SOT), USA,

iii. Indian Pharmacological Society(IPS), India
iv. Editor, International Journal of Science, Technology and Society(A BBAU Journal)

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

Dr. PS Rajinikanth

Sneha Anand and Rajinikanth PS, Alginate based nanomaterials in drug delivery applications Biopolymer based nanomaterials in drug delivery and biomedical applications, 1st edition Elsevier, 2020 (Book)

7. Details of Book Chapter in edited volume:

Prof. Shubhini A. Saraf

i. Recent Developments and Challenges in Nanoformulations Targeting Various Ailments of the Colon, July 2020 Nanoformulations in Human Health Springer ISBN 978-3-030-41858-8 04
ii. Inhalable hybrid nanocarriers for respiratory disorders, Aug 2020 Targeting Chronic Inflammatory Lung Diseases Using Advanced Drug Delivery Systems

8. Paper published during the year by the faculty members

Prof. Shubhini A.Saraf

i. Ravi Raj Pal, Deepak Kumar, Vinit Raj, Vasundhara Rajpal, Priyanka Maurya, Samipta Singh, Nidhi Mishra, Neelu Singh, Priya Singh, Nidhi Tiwari, Shubhini A. Saraf, Synthesis of pH-sensitive crosslinked guar gum-g-poly(acrylic acid-co-acrylonitrile) for the delivery of thymoquinone against inflammation, International Journal of Biological Macromolecules,(182) 2021,1218-1228, IF 6.953
ii. Pal, R.R.; Rajpal, V.; Singh, P.; Saraf, S.A. Recent Findings on Thymoquinone and Its Applications as a Nanocarrier for the Treatment of Cancer and Rheumatoid Arthritis. Pharmaceutics 2021, 13, 775,IF 6.734
iii. Poonam Parashar , Neelu Singh , Priyanka Maurya, Shubhini A. Saraf, An assessment of in-vitro and in-vivo evaluation methods for theranostic nanomaterials, Current Pharmaceutical Design (2021), IF 3.309
iv. Jovita Kanoujia, Nikita , Poonam Parashar , Neelu Singh and Shubhini A. Saraf, Tea tree and jojoba oils enriched bigel loaded with isotretinoin for effective management of acne, Indian Journal of Natural Products and Resources Vol. 12(1), March 2021, pp 158-163
v. Gautam D, Singh S, Maurya P, et al. Appraisal of Nano-lipidic Astaxanthin cum Thermoreversible Gel and its Efficacy in Haloperidol Induced Parkinsonism. Current Drug Delivery. 2021 May.IF 2.565
vi. Shubhini A Saraf, Poonam Parashar, Yogesh Kumar, Jovita Kanoujia, Indu Singh, Coformer Selection and Engineering of Co Crystals of Felodipine for Enhanced Solubility:(accepted m/s #554)Thai journal of pharmaceutical sciences, 2021
vii. Raquibun Nisha, Pranesh Kumar, Umesh Kumar, Nidhi Mishra, Priyanka Maurya, Samipta Singh, Priya Singh, Anupam Guleria, Sudipta Saha, Shubhini A Saraf .Fabrication of Imatinib Mesylate-Loaded Lactoferrin-Modified PEGylated Liquid Crystalline Nanoparticles for Mitochondrial-Dependent Apoptosis in Hepatocellular Carcinoma (2020) Molecular Pharmaceutics, IF 4.939
viii. Singh, P., Mishra, N., Singh, N. et al. Credible Protein Targets and Curative Strategies for COVID-19: a Review. S.N. Compr. Clin. Med. (2020) Sep. 25th: 1–10

ix. Rasika Suryawanshi, Jovita Kanoujia, Poonam Parashar and Shubhini. A. Saraf*, "Sericin: A Versatile Protein Biopolymer with Therapeutic Significance", Current Pharmaceutical Design (2020) 26: 5414, IF 3.309

x. Preeti K. Suresh, Shubhini A. Saraf and Sanjay K. Jain, "New Generation of Biocompatible Nanocarriers with Targeting Potential", Current Pharmaceutical Design (2020) 26: 5364 IF 3.309

xi. Ankita Sood, Bimlesh Kumar*, Sachin Kumar Singh, Pankaj Prashar, Anamika Gautam, Monica Gulati, Narendra Kumar Pandey, Indu Melkani, Ankit Awasthi, Subhini A Saraf, Giovani Vidari, Mehmet Ozdemir, Faiq Hama Saeed Hussain, Esra Tariq Anwar, Muath Sheet Mohammed Ameen, Saurabh Gupta and Omji Porwal, "Flavonoids as Potential Therapeutic Agents for the Management of Diabetic Neuropathy", Current Pharmaceutical Design (2020) 26: 5468. IF 3.309

Prof. Gaurav Kaithwas

i. Lakhveer Singh, Sakshi Bajaj, Manoj Gadewar, Nitin Verma, Mohd Nazam Ansari, Abdulaziz S. Saeedan Gaurav Kaithwas, Manjari Singh. Modulation of Host Immune Response Is an Alternative Strategy to Combat SARS-CoV-2 Pathogenesis. Front Immunol. 2021; 12: 660632 8.

ii. Lakhveer Singh, Manjari Singh, Subham Rastogi, Anurag Choudhary, Dinesh Kumar Gaurav Kithwas. Effect of Voacamine upon inhibition of hypoxia induced fatty acid synthesis in a rat model of methyln-nitrosourea induced mammary gland carcinoma. BMC Molecular and Cell Biology 2021 june 05.

iii. Wael Alosaimi, Rajeev Kumar, Abdullah Alharbi, Hashem Alyami, Alka Agrawal,Gaurav Kaithwas, Sanjay Singh, Raees Ahmad Khan. Computational Technique for Effectiveness of Treatments Used in Curing SARS-CoV-2. Tech Science Press.Vol.28, No.3, 2021

iv. Chowdhary P, Sammi SR, Pandey R, Kaithwas G, Raj A, Singh J, Bharagava RN. Bacterial degradation of distillery wastewater pollutants and their metabolites characterization and its toxicity evaluation by using Caenorhabditis elegans as terrestrial test models. Chemosphere. 2020 Dec 1; 261:127689. (IF-5.778).

v. Arya P, Kaithwas G*. Combined therapy of gabapentin with pantoprazole exhibited better protective action against forestomach and pylorus ligation–induced gastric esophageal reflux disease in albino Wistar rats. Human & Experimental Toxicology. 2020 Apr;39(4):492-9.

vi. Roy S, Singh M, Rawat A, Kumar D, Kaithwas G*. Mitochondrial apoptosis and curtailment of hypoxia-inducible factor 1α/fatty acid synthase: A dual edge perspective of gamma linolenic acid in ER+ mammary gland cancer. Cell Biochemistry and Function. 2020 Mar 23.

vii. Pal AK, Nandave M, Kaithwas G. Chemoprophylactic activity of nitazoxanide in experimental model of mammary gland carcinoma in rats. 3 Biotech. 2020 Aug;10 (8):1-2.

viii. Yadav RK, Singh M, Roy S, Gautam S, Rawat JK, Singh L, Ansari MN, Saeedan AS, Kaithwas G*. Evaluation of α-linolenic acid–based intramammary nanosuspension for treatment of subclinical mastitis. Journal of Dairy Science. 2020 Mar 1;103 (3):2701-6.

Dr. P. S. Rajinikanth:

i. Agarwal Y, Rajinikanth PS, Ranjan S, Tiwari U, Balasubramnaiam J, Pandey P, Arya DK, Anand S, Deepak P. Curcumin loaded polycaprolactone-/polyvinyl alcohol-silk fibroin based electrospun nanofibrous mat for rapid healing of diabetic wound: An in-vitro and in-vivo studies. International Journal of Biological Macromolecules. 2021 Apr 15;176:376-86.

ii. Thakur S, Rajinikanth PS, Deepak P, Jaiswal S, Anand S. Novel Treatment strategies for Management of Psoriasis: Current update and Future Perspective. Current Drug Delivery. 2021 Feb 23.

iii. Jaiswal S, Rajnikanth PS, Thakur S, Deepak P, Anand S. A Review on Novel Ligand Targeted Delivery for Cardiovascular Disorder. Current Drug Delivery. 2021.

iv. Anand S, Rajinikanth PS. Alginate-based nanomaterials in drug delivery applications. InBiopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications 2021 Jan 1 (pp. 339-364). Academic Press.

v. Deepak P, Siddalingam R, Kumar P, Anand S, Thakur S, Jagdish B, Jaiswal S. Gene based nanocarrier delivery for the treatment of hepatocellular carcinoma. Journal of Drug Delivery Science and Technology. 2020 Oct 1;59:101837.

vi. Kumar M, Shanthi N, Rajnikanth PS, Mahato AK. Authors Review on Drug Nanocrystals: A Progress to Targeted Delivery. Current Nanomedicine (Formerly: Recent Patents on Nanomedicine). 2020 Sep 1;10(3):248-70.

vii. Kumar M, Rajnikanth PS. A mini-review on HER2 positive breast cancer and its metastasis: resistance and treatment strategies. Current Nanomedicine (Formerly: Recent Patents on Nanomedicine). 2020 Mar 1;10(1):36-47.

viii. Chidambaram K, John CM, Das SC, Venkatesan K, Siddalingam R. Modulation of glucose transporter proteins by polyphenolic extract of Ichnocarpus frutescens (L.) WT Aiton in experimental type 2 diabetic rats.

ix. Rajinikanth, P.S., Pandey, P., Laxmi, V. (2020). A Textbook of Novel Drug Delivery System (1st ed.). New Delhi: Birla Publications Pvt. Ltd. ISBN: 938426659-0.

x. A poster presented on title 'Biomaterial based ferulic acid loaded nanofibrous mats for diabetic wound healing' in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th March 2021.

xi. A poster presented on title "Development and evaluation of polymeric nanoparticles for atherosclerosis" in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th March 2021.

xii. A poster presented on title "Surface anchored liposomes for tumor-targeted tyrosine kinase inhibitor (tki) delivery to potentiate liver anticancer activity" in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th March 2021.

xiii. A poster presented on title "Combined therapy for Psoriasis: Management and its treatment" in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th March 2021.

Dr. Sudipta Saha

V Maurya, P Kumar, S Chakraborti, AK Singh, AS Bhadauria, U Kumar, D Kumar, A Pramanik, B Saha, RV Kumar, SB Gosipatala, B Bhattachariya, B Maity, **S Saha***. Zolmitriptan attenuates hepatocellular carcinoma via activation of caspase mediated apoptosis. **Chemico-Biological Interactions**, 2019, 308, 120-129. **(Impact Factor: 3.407).** ISSN No. 0009-2797. (Publisher: Elsevier).

Dr. Vikas Mishra

i. Maheedhar Kodali, Vikas Mishra, Bharathi Hattiangady, Sahithi Attaluri, Jenny Jaimes Gonzalez, Bing Shuai, Ashok K. Shetty, "Moderate, intermittent voluntary exercise in a model of Gulf War Illness improves cognitive and mood function with alleviation of activated microglia and astrocytes, and enhanced neurogenesis in the hippocampus", Brain, Behavior, and Immunity, 2021 https://doi.org/10.1016/j.bbi.2021.07.005. (I.F- 7.2)

ii. Irfan Aziz, Rishabh Chaudhary and Vikas Mishra "Novel Coronavirus 2019: An updated overview", International Journal of Science, Technology and Society, Vol. 5, No. 1 & 2 (2020-

21)- 1-13

Dr. Sapana Kushwaha

"Appraisal of nano-lipidic astaxanthin cum thermoreversible gel and its efficacy in haloperidol induced parkinsonism" Curr Drug Delivery, 2021. Deepika Gautam, Samipta Singh, Priyanka Maurya, Manjari Singh, **Sapana Kushwaha**, Shubhini A Saraf

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

Prof. Shubhini A.Saraf

i. Thrust areas to awaken innate women leadership-BBAU& A.P.T.I., Mar. 4th 2021
ii. International Conference on Formulations in Food and Healthcare Monday 8- Thursday Mar. 11th 2021, collaboration with University of Birmingham, UK

Dr. Sapana Kushwaha

i. Atenolol improves skeletal muscle architecture and inhibits immobilization-induced muscle atrophy, Sapana Kushwaha, Deepak Rawat and Anand Kumar. 13th International Conference on Cachexia, Sarcopenia and Wasting Diseases, 11-13 December 2020, Berlin, Germany (Presented poster in virtual Event)
ii. A Comparative Study of Two β-Blockers, Atenolol and Nebivolol, against Diabetic Testicular Toxicity and Sperm DNA Damage in Male Rats, Sapana Kushwaha and GB Jena, 61st SOT Annual Meeting and ToxExpo, USA, March 27–31 2021. (Presented poster in virtual Event)

10. Consultancy work:

Paid consultancy with amount Rs.20,000/- received**. Dr. Gaurav Kaithwas** Development and Standardization of USD and ECG gel from Merck Inc, Sainik Nagar, Lucknow

11. Details of invited lecture inside the country:

Prof. Shubhini A. Saraf

i. 3D printing and its relevance in post COVID 19 scenario Restructuring Pharmacy education for Atmnirbhar Bharat: Time for transformation Jul. 24th, 2020 Llyod institute of management and technology, Ghaziabad
ii. 3D printing and its relevance in health care in the post COVID era Oceanic requirement in health care in the post COVID scenario May 19th 2020 United Institute Allahabad and B.B.A.U.,Lko
iii. 3D printing and its relevance in post COVID era National level online seminar on 3D printing May 15th 2020 Allana college of pharmacy, Pune
iv. Psychological resilience among women Mission Shakti Lighten the Load Nov. 13th 2020, BBAU Lko
v. Impact of Covid 19 on Human Right to Health Right to Health Dec. 10th 2020 B.B.A.U., Lucknow
vi. "Plagiarism: Issues and Consequences" GURU-DAKSHATA: 2nd Faculty Induction Programme 21stDec 2020 UGC-HRDC, University of Rajasthan, Jaipur
vii. Atmnirbhar Bharat for Med-Tech Innovation and Devices Pharmaceuticals and Bio Technology vertical , in Vaishwik Bharatiya Vaigyanik (V.A.I.B.H.A.V.) Summit 19th Oct.2020 N.I.T.I. Aayog

viii. Academic Integrity and Research GURU-DAKSHATA: 3rd Faculty Induction Programme 12.1.2021 UGC-HRDC, University of Rajasthan, Jaipur
ix. Academic Integrity and Research GURU-DAKSHATA: 4th Faculty Induction Programme05.3.2021 UGC-HRDC, University of Rajasthan, Jaipur
x. Surface Engineered Nanoparticles: Enhancing the effectiveness International Conference on Formulations in Food and Healthcare8.3.2021 University of Birmingham and B.B.A.U.
xi. Dovetailing Responsible research, academic integrity and publishing Expolration of nascent pedagogical tools for updating teachers of pharmacy education19/3/2021 Lloyd Institute of tech and management & A.I.C.T.E.
xii. Pharmacy Profession: New Horizons AICTE STTP Educational program for pharmacy teachers on orientation of recently admitted students 28/07/2021 Rajarshi Shahu, College of Pharmacy, Buldana, Maharashtra

Prof. Gaurav Kaithwas

i. **Title of Lecture:** Comparative Efficacy of Alpha-Linolenic Acid and Gamma-Linolenic Acid to Promote Mitochondrial Apoptosis for Mammary Gland Chemoprevention.
ii. **Title of Conference:** 8th International Translational Cancer Research Conference on "Inflammation and Immune System for Cancer Prevention and Treatment".
iii. **Organized by:** Department of Biochemistry, Institute of Science, Banaras Hindu University, India, during 13-16 February 2020.
iv. **Title of Lecture:** Alpha-linolenic acid stabilizes HIF-1 α and downregulates FASN to promote mitochondrial apoptosis for mammary gland chemoprevention.
v. **Title of Conference:** 13th International Symposium on "Cancer Prevention and Treatment".
vi. **Organized by:** Department of Cancer Biology, School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi-110067, India during 20-21 February 2020.

Dr. Vikas Mishra

Guest speaker in "5 Days e-faculty development programme" sponsored by A.P.J. Abdul Kalam Technical University, Lucknow and organized by Shri Ram Murti Smarak College of Engineering and Technology (Pharmacy), Bareilly, U.P.

12. Details of National Award/fellowship:

Dr. Gaurav Kaithwas

i. Research and Academic Excellence Award (2019) "Life Sciences and Environmental Sciences" Babasaheb Bhimrao Ambedkar University, Lucknow.
ii. Award of appreciation for the work "Modulating Prolyl Hydroxylase (PHD2) activity to alter glycolytic pathway and fatty acid synthase expression in tumor cells" Cancer Research Foundation, India,2020.

13. Details of International Awards/Fellowship

Dr. Sapana Kushwaha

i. Received **IUTOX Travel Award, 2020** to attend Society of Toxicology (SOT), 59th Annual Meeting and ToxExpo, USA (15 March, 2020 to 19 March, 2020) by International Union of Toxicology (IUTOX).
ii. Received **International Travel Support** (ITS/2020/000023)) grant by Science and Engineering Research Board (SERB), Govt. of India to attend SOT 59th Annual Meeting and ToxExpo , USA

(15 March, 2020 to 19 March, 2020). *(Couldn't avail due to COVID19 Pandemic)*

14. Details of Research projects:

Dr. Gaurav Kaithwas

i. Extraction, Purification and Formulation of ω-3 PUFAs Dosage Form Derived from Plant Sources as a Health Supplement: A Replacement Strategy for Marine Based PUFAs.**(total grant Rs.60,35,200/-)**

ii. A comprehensive strategy to study the transcriptional activity of HIF-1 through on C-TAD and N-TAD.**(total grant Rs.19,97,600/-)**

iii. RNAi application and SiRNA formulation in hypoxia inducible factor-1: Treatment for Cancer Therapeutics**(Total grant Rs.20,22,720/-)**

iv. Prolylhydroxylase2(PHD2) mediated stabilization of HIF-1α to regulate glycolysis and fatty acid synthesis in mammary gland chemoprevention **(total grant Rs.46,61,000/-)**

v. Formulation of ω-3 PUFAs Dosage Form Derived from Plant Sources as a Health Supplement: A Replacement Strategy for Marine Based PUFAs.**(1st Release Awaited)**

Dr. Sudipta Saha

i. Title of the project: In vitro Hepatoprotective and anticancer activity and in vivo pharmacokinetics studies of Betulinic acid nanoparticles. Duration: 3 years(09.02.16 to 08.02.19)

Amount sanctioned: Rs.25,58,600/-

Funding Agency: Science and Engineering Research Board (SERB) (Completed)

ii. SERB-DST Project, Major Research Project (Rs. 21,51,778/-, ongoing)

Dr. P.S. Rajinikanth

i. **Title of the project:** Silk protein - biomaterial based nanofibrous scaffold containing deferoxamine and ferulic acid for rapid healing of diabetic foot ulcer. Duration: 3 years(13-11-20l9 to 12.11.22)Amount sanctioned: Rs.29,12,800/- Funding Agency: Science and Engineering Research Board (SERB) (Ongoing)

ii. **Title of the project:** Trastuzumab and iRGD decorated dual targeted liposomes for targeted delivery of Lycorine and Gefitinib for HER2 Positive Breast Cancer and its Brain Metastasis" . Duration: 3 years(19-12-2019 to 18-12-22) Amount sanctioned: Rs. 51,15,240/-

Funding Agency: Science and Engineering Research Board (SERB) (Ongoing)

Dr. Vikas Mishra

1. Title of the project: Role of central pro-inflammatory cytokines in modulating cardiac function and EEG-ECG interaction dynamics in chronic stress date: Duration: 2 years (28.4.19 to 27.4.21)

Amount sanctioned: Rs. -1000000/ Funding Agency: University Grants Commission (UGC) (Ongoing)

2. Project Title: Role of central pro-inflammatory cytokines in modulating cardiac function and EEG- ECG interaction dynamics in chronic stress Awarding organization: UGC, New Delhi Duration: 01Jan 2019 - 31 Dec 2021 Amount: Rs 10 Lakhs (Ongoing)

Dr. Sapana Kushwaha

1. Title of the project: Identifying the potential role of Angiotensin Receptor Blockers in

sarcopenia of aging and disuse muscle atrophy, Duration: 2 years (13.11.20l9 to 12.11.21)

Amount sanctioned: Rs. 3020402/- Funding Agency: Science and Engineering Research Board (SERB)

2. Title of the project: Mechanistic study of skeletal muscle loss in diabetic rat: Pharmacological /Nutraceutical Intervention(s). Duration: 2 years (28.04.19 to 27.04.21) Amount sanctioned: Rs. 1000000/- Funding Agency: University Grants Commission (UGC) (Ongoing)

15. Details of Patents filed/ Awarded

Prof. Shubhini A.Saraf

K Srivastava, P Maurya, P Parashar, **SA Saraf,** "Preparation Of Herbal Nutraceutical To Treat malnutrition/Under nutrition In Tuberculosis Patients Using Moringa oleifera Granules" Application Number: 202011011874, Publication Date : 27/03/2020

Dr. Gaurav Kaithwas

i. Disinfecting and cleansing composition of L. usitattissimum Fixed oil. Patent No. 346841

ii. Gaurav Kaithwas,Daksh Bhatia. Perilla Frutesscens Fixed oil: Efficacy against Bovine Mastitis. Patent No. 360859

Under Evaluation:

Rajnish K Yadav, **Gaurav Kaithwas.** Alpha linolenic acid based Nanosuspension for treatment of bovine Mastitis. (Filed on 13.8.2019).

Dr. Sudipta Saha

International patent filed:

Dr. Amit K. Keshari, Dr. Nisha Sharma, Dr. Sharad Visht and **Dr. Sudipta Saha**. Electric funnel for the filtration. **Australian Design Patent Application (May 2021), Batch Reference AMCZ-2110189939, IP Right Number 202112937**.

Indian patent filed /awarded-

i. AK Kesari, **S Saha**, AK Singh, V Raj, A Rai. **5H-benzo[h]thiazolo[2,3-b]quinazolines containing nitrogen bridgehead as an anti-hepatocellular carcinogenic agen**t. Indian Patent Application (2016), Number 201611032810. **(Awarded on 20.05.2020, number 337160)**

ii. AK Kesari, **S Saha**, "**Process for preparing indeno[1,2-d]thiazolo[3,2-a]pyrimidine containing nitrogen-bridgehead**". Indian Patent Application (2020), Number 202011029363.

16. Details related to good Governance at the Department level to ensure transparency/student participation/ time bound result etc.

Despite the COVID-19 pandemic, our students finished their exams in first week of July and the new session for the final year started on time, with online classes.

17. Students Achievements

i. Accomplishment of the students

Number of students completed their Masters/graduation/Diploma	Masters	24
Number of Student selected in Civil Services	NA	

Number of student pursuing higher studies	10	
Number of student selected on other government jobs/banking/school teaching etc	Govt Job	--
	Teaching	10
	Job	3
	Projects	01
Number of Students placed through campus interview	05	
Number of student awarded SLET/NET/JRF/any other fellowship	03 (GATE/GPAT fellowship) 01= NET JRF	

ii. Faculty wise Supervision of the Ph.D. and M. Phil Students/ Dissertation and thesis submission/ degree awarded.

S. No	Name of Scholars	Supervisor	Thesis title	Fellowship
1	Samipta Singh	Prof. Shubhini A. Saraf	Development and Characterization of Breast Tumor Specific Surface–functionalized Nanoformulation	ICMR-SRF
2	Ravi Raj Pal	Prof. Shubhini A. Saraf	Optimization of Molecular Target Oriented Nanoparticles for Amelioration of Chronic Inflammatory Diseases	ICMR-SRF
3	Raquibun Nisha	Prof. Shubhini A. Saraf	Formulation and Development of Nanotherapeutics System Utilizing Surface-engineered Approach for Cancer Cell Specificity	ICMR-SRF
4	Neelu Singh	Prof. Shubhini A. Saraf	Fabrication and Characterization of Receptor Mediated Nanocarrier(s) for the Treatment of Inflammatory Arthritis	UGC Non NET
5	Nidhi Mishra	Prof. Shubhini A. Saraf	Formulation and Appraisal of Nano Drug Delivery System(s) of Bioactive Compounds for Enhanced Antineoplastic Potential	DST -INSPIRE
6	Alka	Prof. Shubhini A. Saraf	Development and assessment of biodegradable/ bioresorbable polymeric topical scaffolds for wound management	UGC Non NET
7	Priya Singh	Prof. Shubhini A. Saraf	Design and Evaluation of Nanotherapeutic System(s) for Management of Hormone Receptor-Positive Breast Cancer	DST- INSPIRE
8	Soniya Rani	Dr. Gaurav Kaithwas	Elaborate the Transcriptional Activity of HIF-1 α (Hypoxia-Inducible Factor-1 α) through C-Transactivation Domain (C-TAD) in Cellular Hypoxia	ICMR-SRF
9	Shubham Rastogi	Dr. Gaurav Kaithwas	Chemical Induction and Role of Prolylhydroxylase-2(PHD2) toInhibit HIF-1α Mediated Glycolysis, Fatty Acid Synthesis and Angiogenesis	DST INSPIRE
10	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

11	Shweta Jaiswal	Dr. P.S Rajinikanth	Formulation and Evaluation of Ligand-Nanocarriers Targeted Delivery for Enhanced Cardiovascular Therapy	UGC Non NET
12	Sunita Thakur	Dr. P.S Rajinikanth	Preparation and Evaluation of Nanocarrier Based Drug Delivery for the Treatment of Psoriasis	NF-OBC
13	Payal Deepak	Dr. P.S Rajinikanth	Ligand based nanocarrier therapy for Hepatocellular carcinoma (HCC)	NF-SC
14	Sneha Anand	Dr. P.S Rajinikanth	Development and Evaluation of Biomaterial based Nanofibrous Scaffold for Diabetic Wound Healing	SERB-Project
15	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
16	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
17	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
18	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
19	Anand Kumar	Dr. Sapana Kushwaha	Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat	UGC Non NET
20	Priyanka Prajapati	Dr. Sapana Kushwaha	Investigation of Pharmacological Agent(s) and Molecular Mechanism thereof for the treatment of Sarcopenia associated Muscle Atrophy	DST-PA
21	Rupali Singh	Prof. Gaurav Kaithwas	Research topic will be decided after course work examination result& next DRC meeting.	UGC – Non Net
22	Anurag Kumar	Prof. Gaurav Kaithwas	Research topic will be decided after course work examination result& next DRC meeting.	JRF in MOFPI
23	Sneha Yadav	Prof. Gaurav Kaithwas	Research topic will be decided after course work examination result& next DRC meeting	UGC -Non NET
24	Anurag Kumar Gautam	Dr. Sudipta Saha	Research topic will be decided after course work Examination result& next DRC meeting.	SERB-DST Project
25	Amita Singh	Dr. Sudipta Saha	Research topic will be decided after course work examination result& next DRC meeting	UGC- Non NET
26	Abishek Verma	Dr. Sudipta Saha	Research topic will be decided after course work examination result& next DRC meeting	UGC Non NET
27	Arjun Singh Kaushik	Dr. Vika sM	Research topic will be decided after course work examination result& next DRC meeting	UGC- Non NET
28	Rishabh Chaudhary	Dr. Vikas Mishra	Research topic will be decided after course work examination result & next DRC meeting	UGC -Non NET

29	Sukriti srivastava	Dr. Sapana Kushwaha	Research topic will be decided after course work examination result& next DRC meeting	UGC Non NET
30	Siddhi Srivastava	Dr. Sapana Kushwaha	Research topic will be decided after course work examination result& next DRC meeting	UGC-Non NET
31	Vipin Kumar	Dr. Sapana Kushwaha	Research topic will be decided after course work examination result& next DRC meeting	UGC-Non NET
32	Rohit Kumar	Prof. Sanjay Singh (Hon'ble Vice Chancellor)	Research topic will be decided after course work examination result& next DRC meeting	UGC-Non NET
33	Dharmendra Kumar	Prof. Sanjay Singh (Hon'ble Vice Chancellor)	Research topic will be decided after course work examination result& next DRC meeting	UGC-Non NET

iii. Ph.D Submitted during the Year:

Sl.No.	Students	Guide	Co-guide	Title of thesis
1.	Lakhveer	Prof.Gaurav Kaithwas	--	Upregulating PHD2 Activity to Downregulate HIF-1 And Subsequently FASN in Mammary Gland Carcinoma
2	Pranesh Kumar	Dr. Sudipta Saha	--	Enhancement of oral bioavailability and antiproliferative potential of betulinic acid by PLGA loaded nanoparticle approach
3	Priyanka Maurya	Prof. Shubhini A.Saraf	--	Pre Ph.D seminar completed on 2 August 2021

S. No.	Students	Guide	Co-guide	Title of thesis
1.	Lakhveer	Prof.Gaurav Kaithwas	--	Upregulating PHD2 Activity to Downregulate HIF-1 And Subsequently FASN in Mammary Gland Carcinoma
2	Pranesh Kumar	Dr. Sudipta Saha	--	Enhancement of oral bioavailability and antiproliferative potential of betulinic acid by PLGA loaded nanoparticle approach

iv. Student Publication

S. No.	Name of Student / School	Books /Article /Books Chapter
1	Sneha Anand	A book chapter on title "Alginate-based nanomaterials in drug delivery applications" in Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications on 01 January 2021. Curcumin loaded polycaprolactone-/polyvinyl alcohol-silk fibroin based electrospun nanofibrous mat for rapid healing of diabetic wound: An in-vitro and in-vivo studies. International Journal of Biological Macromolecules. 2021 Apr 15;176:376-86. A Review on "Novel Ligand Targeted Delivery for Cardiovascular Disorder" Current Drug Delivery. 2021 A review on "Gene based nanocarrier delivery for the treatment of hepatocellular carcinoma" Journal of Drug Delivery Science and Technology. Novel Treatment strategies for Management of Psoriasis: Current update and Future Perspective. Current Drug Delivery. 2021 Feb 23. A book chapter on title " Biomaterial based nanofibers for drug delivery applications" in Translational biomedical research, medicine and disease, published by CRC press U.K. 2021.
2	Dilip Kumar Arya	A book chapter on title "Biomaterial based nanofibers for drug delivery applications" in Translational biomedical research, medicine and disease, published by CRC press U.K. 2021. Curcumin loaded polycaprolactone-/polyvinyl alcohol-silk fibroin based electrospun nanofibrous mat for rapid healing of diabetic wound: An in-vitro and in-vivo studies. International Journal of Biological Macromolecules. 2021 Apr 15;176:376-86.
3	Prashant Pandey	A Textbook of Novel Drug Delivery System (1st ed.), New Delhi: Birla Publications Pvt. Ltd. ISBN: 938426659-0, 2020. Curcumin loaded polycaprolactone-/polyvinyl alcohol-silk fibroin based electrospun nanofibrous mat for rapid healing of diabetic wound: An in-vitro and in-vivo studies. International Journal of Biological Macromolecules. 2021 Apr 15;176:376-86.
4	Shweta Jaiswal	A Review on "Novel Ligand Targeted Delivery for Cardiovascular Disorder" Current Drug Delivery. 2021. A review on "Gene based nanocarrier delivery for the treatment of hepatocellular carcinoma" Journal of Drug Delivery Science and Technology. Novel Treatment strategies for Management of Psoriasis: Current update and Future Perspective. Current Drug Delivery. 2021 Feb 23
6	Payal Deepak	A poster presented on title "Surface anchored liposomes for tumor-targeted tyrosine kinase inhibitor (tki) delivery to potentiate liver anticancer activity" in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th march 2021. A review on "Gene based nanocarrier delivery for the treatment of hepatocellular carcinoma" Journal of Drug Delivery Science and Technology. Curcumin loaded polycaprolactone-/polyvinyl alcohol-silk fibroin based electrospun nanofibrous mat for rapid healing of diabetic wound: An in-vitro and in-vivo studies. International Journal of Biological Macromolecules. 2021 Apr 15;176:376-86. Novel Treatment strategies for Management of Psoriasis: Current update and Future Perspective. Current Drug Delivery. 2021 Feb 23.

7	Sunita Thakur	A poster presented on title "Combined therapy for Psoriasis: Management and its treatment" in International Conference on Formulations in Food and Healthcare held on virtually between 8th – 11th march 2021. Novel Treatment strategies for Management of Psoriasis: Current update and Future Perspective. Current Drug Delivery. 2021 Feb 23. A review on "Gene based nanocarrier delivery for the treatment of hepatocellular carcinoma" Journal of Drug Delivery Science and Technology. A Review on "Novel Ligand Targeted Delivery for Cardiovascular Disorder" Current Drug Delivery. 2021. A book chapter on title " Biomaterial based nanofibers for drug delivery applications" in Translational biomedical research, medicine and disease, published by CRC press U.K. 2021.
8	Priyanka Maurya	1. Albumin-based nanomaterials in drug delivery and biomedical applicationsin Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications Priyanka Maurya, Samipta Singh, Nidhi Mishra, Raviraj Pal, Neelu Singh, Poonam Parashar, Shubhini A. Saraf AcademicPress (©Elsevier) 2021 2. Advanced drug delivery systems in breast cancer. in Advanced drug delivery systems in the management of cancer. Samipta Singh, Priya Singh, Nidhi Mishra, Priyanka Maurya, Neelu Singh, Raquibun Nisha, Shubhini A Saraf AcademicPress (©Elsevier) 2021 3. Inhalable hybrid nanocarriers for respiratory disorders. in Targeting Chronic Inflammatory Lung Diseases Using Advanced Drug Delivery Systems Priyanka Maurya, Samipta,Singh, Rajashri R. Naik, Ashok K. Shakya Springer Cham 2020 4. Biohazardsof Nanomaterials in Integrative Nanomedicine for New Therapies Biohazards of Nanomaterials in Integrative Nanomedicine for New Therapies Springer Cham 2020 5. Recent Developments and Challenges in Nanoformulations Targeting Various Ailments of the Colon. In Nanoformulations in Human Health Nidhi Mishra, Samipta Singh, Priyanka Maurya, Raquibun Nisha, Shubhini A. Saraf. Springer Cham 2020 Articles 1. Physalis peruviana oil based NLC for dermal drug delivery Farheen Khan, Samipta Singh, Ravi Raj Pal, Raquibun Nisha, Malti Arya, Poonam Parashar, Priyanka Maurya International Journal of Science, Technology,2021
9	Ravi Raj Pal	**Article: (2)** 1. Pal, R. R., Maurya, A. K., Parashar, P., & Saraf, S. A. (2020). A Comparative Study of Levocetirizine Loaded Vesicular and Matrix Type System for Topical Application: Appraisal of Therapeutic Potential against Atopic Dermatitis. Journal of Pharmaceutical Innovation, 1-12. (Impact Factor: 2.750) 2. Singh, P., Mishra, N., Singh, N., Nisha, R., Pal, R. R., Singh,& Saraf, S. A. (2020). Credible Protein Targets and Curative Strategies for COVID-19: a Review. SN Comprehensive Clinical Medicine, 1-10. (Book Chapter: (01) 1. Maurya, P., Singh, S., Mishra, N., Pal, R., Singh, N., Parashar, P., & Saraf, S. A. (2021). Albumin-based nanomaterials in drug delivery and biomedical applications. In Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications (pp. 465-496). Academic Press

10	Neelu Singh	Chapter "Albumin based nanomaterials in drug delivery and biomedical applications" in book Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications, 1st Edition ISBN: 9780128208748, Elsevier Publications contributed by Priyanka Maurya, Samipta Singh, Nidhi Mishra, Raviraj Pal, Neelu Singh, Poonam Parashar, Shubhini A. Saraf(published) Chapter "Gelatin based nanomaterials in drug delivery and biomedical applications" in book Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications, 1st Edition ISBN: 9780128208748, Elsevier Publications contributed by Poonam Parashar, Pranesh Kumar, Anurag Kumar Gautam, Neelu Singh, Hriday Bera, Srimanta Sarkar, Shubhini A Saraf, Sudipta Saha(published) Chapter "Bioadhesive and phase-change polymers for drug delivery" in book Smart polymeric nano-constructs in drug delivery: concepts, design and therapeutic applications from Elsevier Inc. USA, Nidhi Mishra, Raquibun Nisha, Priya Singh, Neelu Singh, Alka, Ravi Raj Pal, Samipta Singh, Priyanka Maurya, Shubhini A. Saraf(communicated) Chapter"Therapeutic translational potential of surface decorated nanoparticles" in book Translational biomedical research, medicine and disease from CRC press, Nidhi Mishra, Raquibun Nisha, Alka , Neelu Singh, Ravi Raj Pal, Shubhini A. Saraf(communicated) Chapter"Bridging Bio-nano science and cancer nanomedicine" in book Pharmacokinetics and Pharmacodynamics of Nano Particulate Drug Delivery Systems (NPDDS) from Springer Publisher Inc, USA, Alka, Raquibun Nisha, Priya Singh, Ravi Raj Pal, Neelu Singh, Nidhi Mishra, Shubhini A. Saraf. Workshop Participated in SPARC sponsered International Workshop on Neurobiology of Pain & Itch, organized by the Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi, India
11	Raquibun Nisha	Oral Presentation Attended and presented a paper entitled "**Fabrication of Imatinib mesylate loaded lactoferrin modified PEGylated liquid crystalline nanoparticles for mitochondrial-dependent apoptosis in hepatocellular carcinoma**." in "International Conference Formulations in Food and healthcare 2021", organized online by University of Birmingham, U.K. 8-11 March, 2021.

12	Nidhi Mishra	Article Pal Ravi Raj, Deepak Kumar, Vinit Raj, Vasundhara RajPal, Priyanka Maurya, Samipta Singh, Nidhi Mishra et al. "Synthesis of pH-sensitive crosslinked guar gum-g-poly (acrylic acid-co-acrylonitrile) for the drug delivery of thymoquinone against inflammation." International Journal of Biological Macromolecules (2021). Nisha Raquibun, Pranesh Kumar, Umesh Kumar, Nidhi Mishra, Priyanka Maurya, Samipta Singh, Priya Singh, Anupam Guleria, Sudipta Saha, and Shubhini A. Saraf. "Fabrication of Imatinib Mesylate-Loaded Lactoferrin-Modified PEGylated Liquid Crystalline Nanoparticles for Mitochondrial-Dependent Apoptosis in Hepatocellular Carcinoma." Molecular Pharmaceutics (2020). Singh Priya, Nidhi Mishra, Neelu Singh, Raquibun Nisha, Ravi Raj Pal, Samipta Singh, Priyanka Maurya, and Shubhini A. Saraf. "Credible Protein Targets and Curative Strategies for COVID-19: a Review." SN Comprehensive Clinical Medicine (2020): 1-10 **Book Chapters:** Maurya Priyanka, Samipta Singh, **Nidhi Mishra,** Raviraj Pal, Neelu Singh, Poonam Parashar, and Shubhini A. Saraf. "Albumin-based nanomaterials in drug delivery and biomedical applications." In Biopolymer-Based Nanomaterials in Drug Delivery and Biomedical Applications, pp. 465-496. Academic Press, 2021. **Nidhi Mishra,** Samipta Singh, Priyanka Maurya, Raquibun Nisha, and Shubhini A. Saraf, "Recent Developments and Challenges in Nanoformulations Targeting Various Ailments of the Colon." in Nanoformulations in Human Health, pp. 133-167. Springer, Cham, 2020. Samipta Singh, Priya Singh, **Nidhi Mishra,** Priyanka Maurya, Neelu Singh, Raquibun Nisha, Shubhini A Saraf. Advanced drug delivery systems in breast cancer, in book Advanced drug delivery systems in the management of cancer. Academic Press, (communicated). Alka, Priya Singh, Raquibun Nisha, **Nidhi Mishra**, Neelu Singh, Samipta Singh, Ravi Raj Pal, Priyanka Maurya, Shubhini A. Saraf "Appraisal of nanoformulations as a tool for oral bioavailability augmentation in nanomedicine" in book Nanomedicine, Nanotheranostics and Nanobiotechnology: Fundamentals and Applications in Taylor and Francis (communicated). Raquibun Nisha, **Nidhi Mishra**, Alka, Neelu Singh, Priya Singh, Ravi Raj Pal, Samipta Singh, Priyanka Maurya, Shubhini A Saraf "Polymer-Conjugates: Implication and role in Biomedical Application" in book Multifunctional Drug Nanodelivery Systems Elsevier (communicated). Priya Singh, **Nidhi Mishra**, Neelu Singh, Alka, Samipta Singh, Raquibun Nisha, Priyanka Maurya, Ravi Raj Pal, Shubhini A. Saraf "siRNA Polymer Conjugates for Delivery of RNAi Therapeutics for the Treatment of Parkinson's Disease" in book Nanomedical Drug Delivery for Neurodegenerative Diseases in Elsevier Publications (communicated). Neelu Singh, Priyanka Maurya, **Nidhi Mishra**, Samipta Singh, Priya Singh, Ravi Raj Pal, Poonam Parashar, Alka, Shubhini A. Saraf "Surface modification of nanoparticles for macrophage targeting" in book Macrophage Targeted Delivery Systems: Basic concepts & Therapeutic applications from Springer Publisher Inc, USA.(communicated) Chapter "Bioadhesive and phase-change polymers for drug delivery" in book Smart polymeric nano-constructs in drug delivery: concepts, design and therapeutic applications from Elsevier Inc. USA, **Nidhi Mishra**, Raquibun Nisha, Priya Singh, Neelu Singh, Alka, Ravi Raj Pal, Samipta Singh, Priyanka Maurya, Shubhini A. Saraf (communicated). Chapter "Therapeutic translational potential of surface decorated nanoparticles" in book Translational biomedical research, medicine and disease from CRC press, **Nidhi Mishra**, Raquibun Nisha, Alka, Neelu Singh, Ravi Raj, Shubhini A. Saraf (communicated).

13	Priya Singh	**A. Articles** **1. Priya Singh*,** Nidhi Mishra, Neelu Singh, Raquibun Nisha, Ravi raj Pal, Samipta Singh, Priyanka Maurya, Shubhini A. Saraf "Credible Protein Targets and Curative Strategies for COVID-19: A Review" SN Comprehensive clinical Medicine, 25 September, 2020 (Published) 2. Raquibun Nisha*, Pranesh Kumar, Umesh Kumar, Nidhi Mishra, Priyanka Maurya, Samipta Singh, **Priya Singh**, Anupam Guleria, Sudipta Saha, Shubhini A Saraf "Fabrication of Imatinib mesylate loaded lactoferrin modified PEGylated liquid crystalline nanoparticles for mitochondrial-dependent apoptosis in hepatocellular carcinoma" Molecular Pharmaceutics, 15 December 2020. (Published) 3. Ravi Raj Pal*, Vasundhara Rajpal, **Priya Singh**, Shubhini A Saraf "Recent Findings on Thymoquinone and Its Applications as a Nanocarrier for the Treatment of Cancer and Rheumatoid Arthritis" Pharmaceutics, May 2021. (Published) 4. Ravi Raj Pal*, Deepak kumar, Vinit Raj, Vashundhara Rajpal, Priyanka Maurya, Samipta Singh, Nidhi Mishra, Neelu Singh, **Priya Singh**, Nidhi Tiwari, Shubhini A Saraf "Synthesis of pH-sensitive crosslinked guar gum-g-poly(acrylic acid-co-acrylonitrile) for the drug delivery of thymoquinone against inflammation" International journal of biological macromolecules, May 2021. (Published) **B. Chapters** "Advanced drug delivery in Breast Cancer" in book "*Advanced drug delivery systems in the management of cancer"*, Elsevier United Kingdom contributed by Samipta Singh*, **Priya Singh**, Nidhi Mishra, Priyanka Maurya, Neelu Singh, Raquibun Nisha & Shubhini A Saraf. (Published)
14	Alka	A. Article: (02) **1.** Priyanka Maurya, Pawan Pandey, Samipta Singh, **Alka**, Sonali Singh, Shubhini A. Saraf **(2021).** Appraisal of Felodipine nanocrystals for solubility enhancement and pharmacodynamic parameters on cadmium chloride induced hypertension in rats. *Current Drug Delivery*. **DOI** : 10.2174/1567201818666210729104351 **(Impact Factor: 2.565).** (Accepted) **2.** Poonam Parashar, Neelu Singh, **Alka,** Priyanka Maurya, Shubhini A. Saraf **(2021)**. An assessmentof *in-vitro and in-vivo* evaluation methods for theranostic nanomaterials. *Current Pharmaceutical Design*. **DOI** : 10.2174/1381612827666210804101720 **(Impact Factor: 3.116).** (Accepted) B. Book Chapters: (05) **1.** Nidhi Mishra, Raquibun Nisha, **Alka**, Neelu Singh, Ravi Raj Pal, Shubhini A. Saraf **(2021)**. Therapeutic translational potential of surface decorated nanoparticles. In *Translational biomedical research, medicine, and disease from CRC press.* (communicated) **2. Alka**, Priya Singh, Raquibun Nisha, Nidhi Mishra, Neelu Singh, Samipta Singh, Ravi Raj Pal, Priyanka Maurya, Shubhini A. Saraf **(2021)**. Appraisal of nanoformulations as a tool for oral bioavailability augmentation in nanomedicine. In *Nanomedicine, Nanotheranostics and Nanobiotechnology: Fundamentals and Applications in Taylor and Francis publications.* (communicated) **3.** Neelu Singh, Priyanka Maurya, Nidhi Mishra, Samipta Singh, Priya Singh, Ravi Raj Pal, Poonam Parashar, **Alka**, Shubhini A. Saraf **(2021).** Surface modification of nanoparticles for macrophage targeting. In *Macrophage Targeted Delivery Systems: Basic concepts & Therapeutic applications from Springer Publisher Inc, USA.* (communicated) **4.** Priya Singh, Samipta Singh, Nidhi Mishra, Neelu Singh, Raquibun Nisha, **Alka**, Shubhini A. Saraf **(2020).** siRNA Polymer Conjugates for Delivery of RNAi Therapeutics for the Treatment of Parkinson's Disease. In *Nanomedical Drug Delivery for Neurodegenerative Diseases" in Elsevier Publications.* (communicated) **5.** Raquibun Nisha, Nidhi Mishra, **Alka**, Neelu Singh, Priya Singh, Ravi Raj Pal, Shubhini A. Saraf **(2020)**. Polymer-conjugates: implications and role in biomedical application. In *Multifunctional Drug Nanodelivery Systems from Elsevier Pvt Ltd*. (communicated)

18. Any other special achievements recorded by the students:

i. **Ms. Samipta Singh**, PhD Scholar of Prof Shubhini A. Saraf has been selected for AWSAR Award. Her popular science story entitled "The Nanoparticulate Beauty and the Cancerous Beast" has been selected for this Award. Augmenting Writing Skills for Articulating Research (AWSAR) is an initiative that aims to disseminate Indian research stories by Department of Science and Technology (DST), India.

ii. **Ms. Sneha Anand**, Research Scholar of Dr. PS Rajinikanth, has won the title of Miss India Quuen hearts North Zone 2020.

iii. Prashant Pandey, RaviRaj Pal, Raquibun Nisha , Mujeeba Rahman, Samipta Singh, Neha Singh awarded ICMR –SRF fellowship.

iv. **Disha Sharma** (M.Pharm Student) got selected in CSIR-CIMAP Lko under CSIR-JRF- GATE Scheme. Join as a JRF

v. **Ms Chanchal Prajapati** (Batch 2015-2017) and **Ms Itishree Dubey** (Batch 2018-2020) are selected for Ph.D in NIPER, Hyderabad and NIPER, Raebareli respectively.

vi. **Ms. Priyank Maurya** has participated in the 26th International conference of National academic of physical sciences on (Advances in chemistry and chemical technology held at Indian Institute of technology BHU Varanasi During the December 18-20,2020and presented paper entitled Physical characterization of Levofloxacin loaded novel nonmaterial and own **Best paper award**

vii. Most of the students of pharmacy are recipients of scholarships/student fellowships for their M. Pharm education through GATE/GPAT

viii. **Neeraj Kumar** (M.Pharm Student) qualifying for eligibility for Assistant Professor June 2020 (UGC-NET) and provisional admission offer for Ph.D Programme in odd July semester 2021-22

19. Google profile of the faculty members:

i. **Prof. Shubhini A. Saraf**
https://scholar.google.co.in/citations?user=pBDGTycAAAAJ&hl=en

ii. **Dr. Gaurav Kaithwas**
https://scholar.google.co.in/citations?user=6U7UbYUAAAAJ&hl=en

iii. **Dr P.S.Rajinikanth**
https://scholar.google.co.in/citations?user=g6-RhUYAAAAJ&hl=en

iv. **Dr. SudiptaSaha**
https://scholar.google.co.in/citations?user=vRk9iIYAAAAJ

v. **Dr Vikas Mishra**
https://scholar.google.com/citations?user=uQucveoAAAAJ&hl=en

vi. **Dr. Sapna Kushwaha**
https://scholar.google.co.in/citations?user=d_nITEwAAAAJ&hl=en

vii. Dr. Vijayakumar M.R.
https://scholar.google.com/citations?user=KKGFdycAAAAJ&hl=en

School for Physical and Decision Sciences

Brief Description of the School: Initially (2010), there were four departments under the umbrella of the School of Physical Sciences namely Department of Applied Chemistry, Department of Mathematics Department of Applied Physics & Department of Statistics. However, keeping in view the comparability 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 Programme 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) and BET Surface analyzer (Belsorp-mini-II, make Bell Japan).

1. Course Offered:

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

2. Facilities available in the Department:

i. M.Sc. Lab
ii. Shopisticated Instrumentation Lab
iii. Departmental Library.
iv. Smart Class room
v. Per teacher personal lab

3. Details of the Faculty:

i. Prof. Kaman Singh

- Professor, Department of Chemistry
- **Specilizatn:** Physical Chemistry, Advance Surface Chemistry
- **Qualification:** M. Sc.; Ph. D.

ii. Prof. Gajanan Pandey

- Professor & Head, Department of Chemistry
- **Specilization:** Materials Chemistry, Coordination Chemistry, Environmental Chemistry
- **Qualificatioin:** M. Sc.; Ph. D

iii. Dr. Anjani Kumar Tiwari

- Associate Professor
- **Specilization:** Chemical Kinetics, Biomedical Sciences, Neuro-receptor quantification (TSPO/AChE/5-HT), Neuochemistry, Computer added drug design (CADD) and Medicinal Chemistry, Radio Chemistry
- **Qualificatioin:** M. Sc.; Ph. D.

iv. Dr. Jyoti Pandey

- Assistant Professor
- **Specilization:** Organic Synthesis, Medicinal Chemistry, Green Polymers and Carbohydrate Chemistry
- **Qualificatioin:** M. Sc.; Ph. D.

v. Dr. Shailesh Kumar

- Assistant Professor
- **Specilization:** Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of Heterocyles of medicinal importance, Organocatalysis
- **Qualificatioin:** M. Sc.; Ph. D.

vi. Dr. Preeti Gupta

- Assistant Professor
- **Specilization:** Organic Synthesis, Heterocyclic Chemistry, Synthetic Medicinal Chemistry, Green Chemistry
- **Qualificatioin:** M. Sc.; Ph. D.

viii. Dr. Jawahar L. Jat

- Assistant Professor
- Specilization: Development of new synthetic methodologies, Green and Sustainable Synthetic Chemistry, Medicinal Chemistry.
- Qualificatioin: M. Sc., Ph. D.

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

Prof. Kaman Singh

i. B.B.A.University, Lucknow - Controller of Examination
ii. Teaching/Research Committee,
iii. Deptt. Of Chemistry, S.S.J. University, Almora - External Expert

iv. Board of Post Graduate Studies, DoC, BBAU, Lucknow - Member
v. Department of Research Committee, BBAU - Member

Prof. Gajanan Pandey

i. Board of Postgraduate Studies, DoC, BBAU - Chairman
ii. Departmental of Research Committee - Chairman
iii. Academic Council, BBAU, Lucknow - Member
iv. Academic Council, Central Institute of Plastic Engineering and Technology (Ministry of Chemicals and Fertilizers, Govt. of India) Lucknow - Member
v. Advisory/Expert Committee for Chemical and Pharmaceutical Sciences, Council of Science & Technology, U.P. Member,
vi. School Board of Physical Sciences, BBAU, Lucknow - Member
vii. Board of Studies and DRC at Madan Mohan Malviya Technological University, Gorakhpur - Member
viii. Board of Studies Mahatma Gandhi Central University, Bihar - Member
ix. Board of Studies, MITS, Gwalior - Member
x. Admission Committee, Department of Chemistry, BBAU, Lucknow - Member

Dr. Anjani Kumar Tiwari

i. School Board of Studies, SPDS, BBAU - Member
ii. Scientific Expert Committee, - Member
ASEAN-INDIA S & T Cooperation programs, DST, New Delhi
iii. Departmental of Research Committee - Member

Dr. Jyoti Pandey

i. School Board of Studies, SPDS, BBAU - Member
ii. Scientific Expert Committee, - Member
ASEAN-INDIA S & T Cooperation programs, DST, New Delhi
iii. Departmental of Research Committee (Invitee) - Member
iv. Admission Committee, - Member
v. Deptt. of Chemistry, BBAU,Lucknow

Dr. Shailesh Kumar

i. Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)
ii. Departmental of Research Committee - Member (Invitee)
iii. Admission Committee Doc 2020-21 - Member
iv. The Association of Chemistry Teachers - Life member
v. The Indian Science Congress - Life member
vi. Vigyan Bharti Awadh Prant - Life member
vii. Anti-Ragging Cell and Anti-Ragging Squad, BBAU - Member
viii. Garden and Beautification Committee, BBAU - Member

ix. Defree Screening, verification and Distribution - Member

x. Committee for IX Convocation, 2021, BBAU

xi. Mebmer of Degree Screening, Verfication and Distribution Commitee for 9th Convocation of BBAU, 2021.

Dr. Preeti Gupta

i. a) Board of Postgraduate Studies, DoC, BBAU -Member

ii. b) Departmental Research Committee, DoC, BBAU -Member(Invitee)

iii. c) Committee of Basic Facilities for Women -Member

iv. d) Proctorial Board -Member

v. e) International Journal of Science, -Editorial Board Member

vi. Technology & Society, BBAU journal

Dr. Jawahar Lal Jat

i. Departmental of Research Committee - Member

ii. Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)

iii. Admission Committee, Doc, 2020-21 - Member

iv. Admission Committee, UIET, 2020-21 - Member

v. USIC, Advisory Committee - Member

5. Details of Book Chapter in edited volume:

i. Jyoti Pandey (2019). आबंधन एवं संकरण का विज्ञान. Book entitled "Gyan-Vigyan, Shakshik Nibandh", Paridrisya Prakashan, Mumbai (ISBN: 978-81-939877-9-7)

ii. Jyoti Pandey and A.K. Shukla (2019). Hydroxamates based chemotherapeutics: Frontier in drug discovery and development. Book entitled "Advances in Chemical and Applied Sciences", vol.2, Firstprint publication, Prayagraj-211002 (ISBN: 978-93-88018-17-3)

iii. Jyoti Pandey (2020). Biopolymers and their application in wastewater treatment. Book entitled "Emerging Eco-friendly Green Technologies for Wastewater Treatment" (ISBN 978-981-15-1390-9 (eBook) https://doi.org/10.1007/978-981-15-1390-9)

i. Jyoti Pandey (2021). कोरोना वायरसजनित महामारी का पर्यावरणीय प्रभाव. Book entitled "कोरोनाः एक वैश्विक महामारी", आधुनिक प्रकाशन गृह, Vigyan Parishad Prayag, Prayagraj (ISBN: 978-81-951765-3-3)

6. Paper Published during the year by the faculty members:

i. Prashant Mishra, **Kaman Singh,** Utkarsh Dixit. Adsorption, kinetics and thermodynamics of phenol removal by ultrasound-assisted sulfuric acid-treated pea (Pisum sativum) shells. *Sustainable Chemistry and Pharmacy, Elsevier*, DOI: 10.1016/j.scp.2021.100491(**I.F.= 4.508**)

ii. Ashok Kumar, **Kaman Singh**, Rayees A. Bhat, Utkarsh Dixit. Interpretation of adsorption behaviour of cellulose, sodium carboxymethylcellulose and hydroxyethylcellulose onto activated kaolin. *Journal of Colloid and Interface Science Open, Elsevier*. DOI:10.1016/j.jciso.2021.100017

iii. Ashok Kumar, **Kaman Singh**, Rayees A. Bhat, Selective adsorption of carboxymethylcellulose onto mesoporous silica derived from de-oiled mustard cake (Manuscript Number: MATPR-D-21-01655) **accepted** in Materials Today: Proceedings, Elsevier. (**I.F.= 2.47**)

iv. D. Kumar, Anurag Srivastava, **Kaman Singh**, Ashok Kumar, Rayees A. Bhat, Experimental and Quantum chemical analyses of S-benzyl-b-N-(1-(4-fluorophenyl)ethylidene)dithiocarbazate as biologically active agent. *Materials Today: Proceedings. Elsevier*. DOI:10.1016/j.matpr.2021.05.233 (**I.F.= 2.47**)

v. **Kaman Singh**, Ashok Kumar. Physiochemical aspects for the adsorption behavior of sodium carboxymethyl cellulose onto mesoporous granular fine quart surface from its aqueous solutions, *Separation Science and Technology, Taylor and Francis*. DOI:10.1080/01496395.2021.1878373 (**I.F.= 1.718**)

vi. **Kaman Singh**, Ashok Kumar. Physicochemical aspects for the binding mechanism of sodium carboxymethyl cellulose onto mesoporous tea waste carbon from its aqueous solutions. *Journal of Dispersion Science and Technology. Taylor and Francis*. DOI:10.1080/01932691.2020.1842762 (**I.F.= 1.701**)

vii. Meta Selective C–H Borylation of Sterically Biased and Unbiased Substrates Directed by Electrostatic Interaction, J. Chaturvedi, C. Haldar, R. Bisht, **Gajanan Pandey**, B. Chattopadhyay, **J. Am. Chem. Soc. 2021**, 143, 20, 7604–7611 **(IF: 15.419).**

viii. Efficient Anticarcinogenic Activity of α-Fe_2O_3 Nanoparticles: In-vitro and Computational Study on Human Renal Carcinoma Cells HEK-293, G. Abbas, K.Bahadur, N. Kumar, A. Shukla, D. Kumar, **Gajanan Pandey, Materials Today Communications, 2021, 26, 102175, https://doi.org/10.1016/j.mtcomm.2021.102175 (IF: 3.383)**.

ix. Self-Assembled Carbon Nitride/Cobalt (III) Porphyrin Photocatalyst for Mimicking Natural Photosynthesis, C. Singh, S. Chaubey, P. Singh, K. Sharma, Shambhavi, A. Kumar, R.K. Yadav, D.K. Dwivedi, J.-O. Baeg, U. Kumar, B.C. Yadav, **Gajanan Pandey**, **Diamond & Related Materials, 2020,** 101,107648-107653 **(IF: 3.315).**

x. Synthesis and evaluation of technetium-99m labelled 1-(2-methoxyphenyl) piperazine derivative for single photon emission computed tomography imaging for targeting 5-HT1A N Kumari, A Kaul, R Varshney, VK Singh, K Srivastava, S Bhagat , **Anjani Kumar Tiwari*** Bioorganic Chemistry 111, 104972, 2021

xi. Mapping of Translocator Protein (18 kDa) in Peripheral Sterile Inflammatory Disease and Cancer through PET Imaging A Adhikari, P Singh, KS Mahar, M Adhikari, B Adhikari, MR Zhang, **Anjani Kumar Tiwari*** Molecular Pharmaceutics 18 (4), 1507-1529, 2021

xii. Synthesis and biological evaluation of modified laminin peptide (N2S2-KDP) with enhanced affinity for neuronal growth and targeted molecular imaging (SPECT), R Varshney, PP Hazari, AK Tiwari, R Mathur, A Kaushik, M Saklani,Bioorganic Chemistry 107, 104516, 2021

xiii. Lanthanide (Ln3+) complexes of bifunctional chelate: Synthesis, physicochemical study and interaction with human serum albumin (HSA) D Singh, S Aggarwal, VK Singh, R Pratap, AK Mishra, AK Tiwari Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 244, 118808, 2021

xiv. Targeting Bombesin Peptide Receptors for Cancer Imaging: Perspective in Prostate, Lung and Breast Cancer R Varshney, A Chitkara, M Saklani, A Kaur, R Mathur, A Tiwari, B Singh, Nov. Approaches Cancer Study 5, 483-491, 2021

xv. Deepak Kumar, **Jyoti Pandey**, Nida Khan, Pramendra Kumar, Patit P. Kundu Synthesize And Characterization Of Binary Grafted Psyllium For Removing Toxic Mercury (II) Ions From Aqueous Solution. *Materials Science And Engineering: C* **2019**, 104, 109900.

xvi. Deepak Kumar, Vinit Raj, AbhishekVerma, Pramendra Kumar, **Jyoti Pandey** Novel binary grafted chitosan nanocarrier for sustained release of curcumin *International Journal of Biological Macromolecules* **2019**, 131, 184-191.

xvii. Manoj Kumar Shrivash, Shilipi Singh, Akhilesh Kumar Shukla, Suaib Luqman, **Jyoti Pandey**, Krishna Misra; Water mediated procedure for preparation of stereoselective oximes as

inhibitors of MRCK kinase. Journal of Molecular Structure, 2020, 1220, 128699.

xviii. Akhilesh Kumar Shukla, Aniruddh Prasad Chaudhary, **Jyoti Pandey**; Synthesis, spectral analysis, molecular docking and DFT studies of 3-(2, 6-dichlorophenyl)-acrylamide and its dimer through QTAIM approach, Heliyon, 2020, 6, e05016.

xix. Access to enantioenriched 4-phosphorylated δ-lactones from β-phosphorylenones and enals via carbene organocatalysis Ram Subhawan Verma, Anil Kumar Khatana, Monika Mishra, Shailesh Kumar and Bhoopendra Tiwari *Chem. Commun*., **2020**, *56*, 7155-7158.

xx. Global Access to 3/4-Phosphorylated Heterocycles via a Carbene-Catalyzed Stetter Reaction of Vinylphosphonates and Aldehydes Ram Subhawan Verma, Monika Mishra, Chandra Bhan Pandey, Shailesh Kumar, and Bhoopendra Tiwari *J. Org. Chem*. **2020**, *85*, 12, 8166–8175

xxi. Brevifoliol and its Analogs: A New Class of Anti-tubercular Agents Balakishan Bhukya,, Sarfaraz Alam, Vinita Chaturvedi, Priyanka Trivedi, Shailesh Kumar, Feroz Khan,, Arvind S. Negi1 and Santosh Kumar Srivastava *Current Topics in Medicinal Chemistry*, **2020**, 20, 1-11

xxii. Design, synthesis, in vitro and in silico studies of 2, 3-diaryl benzofuran derivatives as antitubercular agents Balakishan Bhukyaa, Aparna Shukla, Vinita Chaturvedi, Priyanka Trivedi, Shailesh Kumar, Feroz Khan, Arvind S. Negia, Santosh Kumar Srivastava *Bioorganic Chemistry,* **2020**, (99), 103784

xxiii. Chiral fused 1,2,3-Triazoles: A synthetic overview, Manoj Dhameja, Hariom Kumar and **Preeti Gupta,** *Asian. J. Org. Chem.* **2020**, 9, 721-748. **(I.F. 3.13)**

xxiv. Progress in the Synthesis of Fused 1,2,3-Triazoles, Hariom Kumar, Manoj Dhameja, Dr. Marziya Rizvi, **Dr. Preeti Gupta,** ChemistrySelect, **2021,** 6(20), 4889-4947 **(I.F. 2.1)**

xxv. Stereoselective Oxidative Rearrangement of Disubstituted Unactivated Alkenes Using Hypervalent Iodine(III) Reagent. Chandra Bhan Pandey, Tazeen Azaz, Ram Subhawan Verma, Monika Mishra, Jawahar L. Jat, Bhoopendra Tiwari. *J. Org. Chem*. **2020**, *85, 15*, 10175–10181. (I.F. 4.4)

xxvi. Zinc(II)-Catalyzed Synthesis of Secondary Amides from Ketones via Beckmann Rearrangement Using Hydroxylamine-O-sulfonic Acid in Aqueous Media. Verma, Saumya; Kumar, Puneet; Khatana, Anil K.; Chandra, Dinesh; Yadav, Ajay K.; Tiwari, Bhoopendra; Jat, Jawahar L*. *Synthesis*, **2020**, *52 (21),* 3272-3276. (I.F. 2.7)

xxvii. Dinesh Chandra, SaumyaVerma, ChandraBhan Pandey, Ajay K.Yadav, Puneet Kumar, Bhoopendra Tiwari, Jawahar L. Jat*. *Tetrahedron Lett*., **2020**, *61(18),* 151822. (I.F. 2.3)

7. Attended/participated in conferences/seminar/workshop inside country:

Prof. Kaman Singh

i. **Prof. Kaman Singh delivered an invited lecturer on** "Intellectual property rights the foundation of knowledge based society" at International Webinar on IPR and its Role in Research & Innovation-2021 (IW-IRRI-2021) held on August 31, 2021 and organized by Govt. Science Model College, Jiwaji University, Gwalior (India).

ii. **Prof. Kaman Singh presented a paper on "**Addendum to ICUMSA collaborative study conducted on colour in solution at pH 7.0 and pH 6.4 under Subject S7 (Revised S3)" at All India One Day Seminar On "Potential And Possibilities Of Energy Saving In Sugar Industries held on 22nd March 2021 and organized by The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow, U.P. (India).

iii. **Prof. Kaman Singh delivered as an invited talk on** National Science Day at National Science Week held on 1-5 March 2021 and organized by Department of Chemistry. Govt. Model Science College, Gwalior, M.P. (India)

iv. **Prof. Kaman Singh organized a** Webinar On "Ethanol Blending Program How Do We Go To The Next Stage- Opportunities & Challenges And Its Viability And Sustainability" On 07th Nov 2020 and organized by The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow, U.P. (India)

v. **Prof. Kaman Singh delivered as an invited talk in** National Webinar on Instrumental Techniques and their Applications in Chemistry held on 25th August 2020 and organized by Government P.G. (Autonomous) College, Datia, M.P. (India).

Prof. Gajanan Pandey

i. Delivered invited lecture on topic "Generation of nanostructured materials via green routes and their catalytic activity" *i*n two days webinar on "Nanaomatrial: Synthesis, Characterisation and applications" *o*rganised by Department of Physics, Govt SGS PG College, Ganj Basoda during 15-16 June 2020.

ii. Delivered invited lecture on topic Generation of Novel Semiconducting Nanostructures For Solar Energy Harvesting in TEQIP-III RTU (ATU) sponsored Faculty Development Program on Green Energy Technologies organized by Rajasthan Technical University, Kota Sawai Madhopur College of Engineering & Technology on 3-4 September, 2020.

iii. Delivered lecture on topic "Novel synthetic routes of Nanomaterials and their applications" in the webinar "Recent Trend in Engineering Materials" organized by Madhav Institute of Technology and Science Gwalior on August 07, 2020.

iv. Invited Talk on the topic "Novel Synthetic Routes of Nanomaterials and their Catalytic Applications**"** in TEQIP-III sponsored Faculty Development Program on the topic "Future Scope of Chemical Sciences and Research Methodology 2020) organized by Depart of Chemistry and Environmental Science, Malaviya University of Technology, Gorakhpur on September 23-25, 2020

Dr. Jyoti Pandey

i. **Dr. Jyoti Pandey attended** training on faculty development program at BBAU, Lucknow during 02.03.20 to 06.03.20 sponsored by NIDM, New Delhi.

ii. **Dr. Jyoti Pandey attended and presented a paper on "**Development of binary grafted chitosan film for green food packaging" in the International Conference on Emerging Advancement in Science & Technology. September 5th – 6th, 2019 at Manekshaw auditorium, New Delhi organized by Solid State Physics Laboratory, DRDO, Delhi.

iii. **Dr. Jyoti Pandey attended and delivered an invited talk** on the topic **"**Modified chitosan film and their potential in food packaging" in the National Seminar on Innovative Frontiers in Applied Sciences. September 26th-28th, 2019. Organized by Chemical society, Department of Chemistry, CMP Degree College, Prayagraj.

Dr. Shailesh Kumar

i. Attended Summer Workshop: Recent Advances in Spectroscopy, Catalysis and Synthesis Jun 14 - July 2 every day at 2:30 PM by IIT Kanpur

ii. Participated ACT National Webinar on Instrumental Method of Analysis (NWIMA-2020) from 17 to 18th October 2020 organized by Association of Chemistry Teachers (ACT), Dept. of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and International Research Centre and Department of Chemistry Kalasalingam Academy of Research and Education, Krishnankoil

iii. Participated in the International Webinar entitled "National Education Policy-2020:Towards holistic and multidisciplinary education" held on August 28, 2020 at Mahamaya Govt. Degree College, Mahona, Lucknow.

iv. Participated in the webinar on "Contemporary Issues in Biosciences" organized by School of Life Sciences on 4th August 2020 at Mahatma Gandhi Central University, University in

Motihari, Bihar.

v. Attended special web lecture on "Human Activity and Sustainable Development" organized by Dept. of Botany under the aegis of IQAC Ram Jaipal College Chapra (Bihar) on World Environment Day 05th June 2020.

vi. Attended two day International E-Seminar on Chemistry, Biology and COVID-19 organized by the Department of Chemistry, University of Lucknow, Lucknow on June 25-26, 2020.

vii. Joined "Swadeshi Science Movement" of Vigyan Bharti by becoming LIFE MEMBER of Vigyan Bharti Awadh Prant- December 2020

Dr. Preeti Gupta

i. Dr. Preeti Gupta attended and presented poster on **"**Synthetic heterocyclic candidates as promising alpha-glucosidase inhibitors**"** at 4th International Conference on "Recent advances in Science" ICRAS 2020 organized by Faculty of Science, Invertis University, Bareillyduring 28th -29th February 2020.

ii. Dr. Preeti Gupta attended and delivered an oral Presentation on the topic "TRIAZINE SCAFFOLD AS PROMISING LEAD FOR THE DEVELOPMENT OF NOVEL ALFA-GLUCOSIDASE INHIBITORS" during the National Conference on Advancement in Interdisciplinary Research (NCAIR-2021), Jointly organised by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021.

Dr. Jawahar Lal

i. Dr. Jawahar Lal Participated and presented a paper on **Unprotected Aziridination of Olefins** in "Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (**IC²S²TD-2020)** at SVNIT, Surat, Gujarat held on Dec. 1-3, 2020.

ii. Dr. Jawahar Lal Participated and presented a paper on **N-H/N-alkyl Aziridination of Olefins** in "International Conference on Recent Trends in Chemical Sciences: Organic & Bio-Chemistry" at IISER, Kolkata, W.B. held on Dec. 26-29, 2020.

iii. Dr. Jawahar Lal Attended One Week National e-Workshop on Innovation & Intellectual Property Rights (NeW IPR-2021), June 14-19, 2021, Organized by CSIR-Institute of Minerals & Materials Technology, Bhubaneswar, India.

iv. Dr. Jawahar Lal Attended One Week National e-Awareness cum Training Program on Intellectual Property Rights (NeAT IPR-2021) 25-30 June, 2021, Organized by Govt. P.G. College, Rajouri, J&K.

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

Prof. Kaman Singh presented a paper on "Addendum to ICUMSA collaborative study conducted on colour in solution at pH 7.0 and pH 6.4 under Subject S7" on 32nd ICUMSA Session held as virtual conference from 14 to 16 Jun 2021 and organized by Verlag Dr. Albert Bartens KG in Berlin.

9. Details of invited lectures inside country:

i. Prof. Kaman Singh delivered an invited lecturer on "Intellectual property rights the foundation of knowledge based society" at International Webinar on IPR and its Role in Research & Innovation-2021 (IW-IRRI-2021) held on August 31, 2021 and organized by Govt. Science Model College, Jiwaji University, Gwalior (India).

ii. Prof. Kaman Singh presented a paper on "Addendum to ICUMSA collaborative study conducted on colour in solution at pH 7.0 and pH 6.4 under Subject S7 (Revised S3)" at

All India One Day Seminar On "Potential And Possibilities Of Energy Saving In Sugar Industries held on 22nd March 2021 and organized by The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow, U.P. (India).

iii. Prof. Kaman Singh delivered as an invited talk on National Science Day at Week National Science Week held on 1-5 March 2021 and organized by Department of Chemistry. Govt. Model Science College, Gwalior, M.P. (India)

iv. Prof. Kaman Singh delivered as an invited talk in National Webinar on Instrumental Techniques and their Applications in Chemistry held on 25th August 2020 and organized by Government P.G. (Autonomous) College, Datia, M.P. (India).

v. Dr. Jawahar Lal delivered an invited talk on the topic **"***Cu(II) catalyzed Beckmann rearrangement of ketones using hydroxylamine-O-sulfonic acid (HOSA)*" in the International Webinar on Current Global Research Trends in Chemistry (CGRTC, April 14-15, 2021) organized by Department of Chemistry, Bansthali Vidyapeeth, Rajasthan.

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

i. Dr. Jyoti Pandey as Co-principal Investigator of DBT project no. BT/PR 21245/ AAQ/3/830/2016, entitled: "Enhancement of immunity and nutritional value of fresh water fish *Heteropneustes fossilis* (Bloch, 1794) by novel arylvinylpyrimidine derivatives" of total cost in Rs. 55,20,451/- for three years (awarded on12.3.18, started on 1.4.18 to 30.9.2021): **Continuing**

ii. Dr. Preeti Gupta is running a DST-Inspire Faculty Award project titled "An Approach towards Novel Steroidomimetics-Design and Synthesis of Structurally Diverse Steroid-Sugar Hybrids and Azasteroids (DST/Inspire Faculty Award/2013/CH-110 dated 28.10.13) with grant of 7 lakhs.

11. Students achievements:

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

S.No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
1	Mr. Ashok Kumar	Prof. Kaman Singh	--	ADSORPTION MECHANISM OF CELLULASE AND ITS DERIVATIVES ONTO VAROUS SOLID SURFACES	UGC
2.	Mr. Akhilesh Kumar Shukla	Dr. Jyoti Pandey	-	"Synthesis and characterization of some biologically active nitrogen containing compounds: Development of new chemotherapeutic agents"	UGC
3.	Ms Reena Patel	Dr. Shailesh Kumar	Dr. Sheila Srivastava	"Pd(II) and Ir(III) catalyzed oxidation of Pharmaceutical drugs (Gabapentin and Paracetamol) by Potassium bromate in acidic medium: A Comparative study".	BBAU
4.	Mr. Ram Subhawan Verma	Dr. Shailesh Kumar	Dr. Bhoopendra Tiwari, CBMR, Lucknow	Organocatalytic asymmetric transformations for organic synthesis	CSIR-JRF

5.	Mr. Balakishan Bhukya	Dr. Shailesh Kumar	Dr. Arvind Singh Negi, CSIR-CIMAP, LUCKNOW Fellowship getting form CSIR-CIMAP, LUCKNOW	Studies on synthesis of designed and isolated anticancer molecules	Drop fellowship

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

S.No.	Students	Guide	Co-guide	Title	Felloship aviled/aviling
1.	**Mr.** Gullam Abbas	Prof. Gajanan Pandey	--	Synthesis and characterization of nanoparticles and their bio-catalytic applications	UGC

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

S.No.	Students	Guide	Co-guide	Title	Felloship aviled/aviling
2.	Mr. Prashant Mishra	Prof. Kaman Singh	--	ADSORPTION OF PHENOL AND IT'S DERIVATIVES FROM AQUEOUS SYSTEM BY MODIFIED ADSORBENTS	UGC-JRF
3.	Mr. Utkarsh Dixit	Prof. Kaman Singh	---	Adsorptiopn Equliberium Studies of Dye Adsorption Onto Modified Adsorbents	UGC-JRF
4.	Mrs. Madhu Lata	Prof. Kaman Singh	--	Power ultrasound (PUS) assisted removal of selected organic pollutants from aqueous solutions onto solid surface.	UGC
5.	Ms Ayushi Mishra	Prof. Kaman Singh	--	RELEVANCE OF ADSORPTION MODELS FOR THE REMOVAL OF CARCINOGENIC POLLUTANTS BY MODIFIED ADSORBENTS	UGC
6.	Mr. Presenjit	Prof. Kaman Singh	-	Evaluation of Schiff base of d and f block elements for biological activities	UGC
7.	Ms. Jagriti Chaturvedi	Prof. Gajanan Pandey	Dr. Buddhadeb Chattopadhyay CBMR, Lucknow	Iridium catalyzed C-H bond activation and borylation of aromatic compounds	Drop fellowship
9.	Mr. **Kijay Bahadur Singh**	Prof. Gajanan Pandey	--	Green synthesis of metallic nanoparticles and their catalytic activity	CSIR-JRF
10.	Ms. Neelam Gautam	Prof. Gajanan Pandey	--	Green Synthesis of Nanostructured Materials And Their Catalytic Activity	UGC-JRF

11.	Mr. Deen Dayal Upadhyay	Prof. Gajanan Pandey	--	Green synthesis of oxide supported metal nanoparticles and their catalytic applications in organic transformations	UGC
12.	Ms. Snigdha	Prof. Gajanan Pandey	--	Green synthesis, characterization and catalytic activity of nanoscale materials	UGC
13.	Ms. Meenakshi Saklani	Dr. Anjani Kumar Tiwari	Dr. Raunak, Sc. E INMAS, DRDO-Delhi	Peptidic agent for angiogenesis	Drop fellowship
14.	Mr. Vijay Kumar Singh	Dr. Anjani Kumar Tiwari		Synthesis and Biological Evaluation of Purinergic Receptor Ligands	UGC
15.	Mr. Chandra prakash Gond	Dr. Anjani Kumar Tiwari		Cheminformatics' (QSAR & Docking) Study for Screening of Novel Ligands for Neuro/ Onco Targets	NFSC
16.	Ms. Deepika Singh	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of SEROTONIN 5-HT Ligands	UGC
17.	Ms. Priya Singh	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of TSPO Selective Ligands	
18.	Mr. Baldev Singh	Dr. Jyoti Pandey	-	"Development of new chemotherapeutic agents based on aromatic and heterocyclic scaffolds"	UGC
19.	Ms. Preeti Kanchan	Dr. Jyoti Pandey	-	"Modification of polysaccharide-based materials: Synthesis, characterization and applications"	UGC
20.	Ms. Ruchi Singh	Dr. Jyoti Pandey	-	Till date not approved	UGC
21.	Mr. Sumit Kumar	Dr. Shailesh Kumar	--	Synthesis, characterization and biological studies of novel quinazoline derivatives	UGC
23.	Mr. Manoj Dhameja	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Heterocycle Based Glycosidase Inhibitors	UGC
24.	Mr. Hariom Kumar	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Novel 1,3,4-Thiadiazole Derivatives	UGC
25.	Ms. Saumya Verma	Dr. Jawahar Lal	--	Studies of oxygen substituted hydroxyl amine as a reagent in Beckmann rearrangement	CSIR-JRF
26.	Mr. Ajay Kumar Yadav	Dr. Jawahar Lal	--	Direct N-H/N-Me Aziridination of Unactivated Olefins Using O-(Sulfonyl) hydroxylamines as Aminating Agents.	UGC

27.	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
28.	Mr. Dinesh Chandra	Dr. Jawahar Lal		Synthesis of Structurally Rich Heteroatomic Compounds using Aminating Reagents and their Biological Evaluation.	UGC

12. Any other special achievement recorded by the students:

i. Mr. Utkarsh Dixit (Research Scholar) Supervision of Prof. Kaman Singh

S. No.	Name of Award/Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
1.	GATE-2020	Graduate Aptitude Test in Engineering (GATE) is basically a national examination on the comprehensive understanding of the candidates in various	MHRD, New Delhi	2020

ii. Mr. Manoj Dhameja (Research Scholar) supervision of Dr. Preeti Gupta

S. No.	Name of Award/Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
1.	2nd Best Poster Presentation Award	Poster Presentation	4th International Conference on "Recent advances in Science" ICRAS 2020 organized by Faculty of Science, Invertis University, Bareilly during 28th -29th February 2020.	2020

iii. Mr. Dinesh Chandra (Research Scholar) supervision of Dr. Jawahar Lal

S. No.	Name of Award/Fellowship etc.	Category	Awarded by	Year of Award
1.	Best Oral Presentation Award	Organic and Biomolecular Chemistry (OBC) Oral Presentation Prize	International Conference on Recent Trends in Chemical Sciences: Organic & Bio-Chemistry (RTCS-OBC 2020), 26-29-Dec.2020.	2020

iv. Ms. Saumya Verma (Research Scholar) supervision of Dr. Jawahar Lal

S. No.	Name of Award/Fellowship etc.	Category	Awarded by	Year of Award
1.	Best Poster Presentation Award	Organic Chemistry Frontiers (OCF) Poster Presentation Prize	International Conference on Recent Trends in Chemical Sciences: Organic & Bio-Chemistry (RTCS-OBC 2020), 26-29-Dec.2020.	2020

13. Details of the Publication of the students (Books/Article/Books' chapter:

Ms. Saumya, Puneet, Dinesh and Ajay Kumar Yadav (Research Scholar) Supervision of Dr. Jawahar

S. No.	Date	Title	Name of journal	I.F./ISBN
1.	2020	Zinc(II)-Catalyzed Synthesis of Secondary Amides from Ketones via Beckmann Rearrangement Using Hydroxylamine-O-sulfonic Acid in Aqueous Media.	*Synthesis*, **2020**, *52 (21),* 3272-3276.	2.7

14. Google profile of the faculty members:

i. Prof. Kaman Singh

Citations (327); h-index (9); i10- index(9)

ii. Prof. Gajanan Pandey

i-10, h index-15

iii. Dr. Jyoti Pandey

Citations (2635); h-index (26); i10- index(64)

iv. Dr. Shailesh Kumar

Citations (133); h-index (7); i10- index(6)

v. Dr. Preeti Gupta

Citations (228); h-index (9); i10- index (7)

vi. Dr. Jawahar Lal Jat

Citations (775); h-index (14); i10- index (10)

Department of Mathematics

The Department of Applied Mathematics came into existence in March 2012 as a result of the bifurcation of the Department of Applied Mathematics and Statistics, which was established in July 2010 as a part of the School for Physical Sciences of Babasaheb Bhimrao Ambedkar University, Lucknow. In December 2017, the department was renamed as the department of Mathematics. Growing steadily, today the department runs Postgraduate and Ph.D. programs in Mathematics.

The department has seven permanent faculties. All the faculty members have teaching and research experience and are experts in different areas of mathematics. Faculty members have UGC sponsored research projects. They also have a good number of national and international research publications. More details can be read in Faculty profile.

Admission to the full time Postgraduate courses in Mathematics and Ph. D. programs are conducted through National Level Entrance Test.

Salient Features of our Department are:

- Rigorous teaching
- Strong emphasis on research activities
- Project work and Seminar presentation by students
- Strict adherence to the academic calendar
- Qualified Faculty

Mission

The mission of the Mathematics Department is to provide an environment where students can learn and become competent users of mathematics and to instill analytical and logical thinking among students and promote mathematical thoughts.

Vision

Department of Mathematics strives to be internationally recognized for academic excellence through its teaching and research. The department strives to earn regional recognition for its expertise in the field of research and the teaching of mathematics.

1. Course Offered:

i. M.Sc. (Mathematics)

ii. Ph.D. (Mathematics)

2. Facilities available in the department:

i. Programming Lab

ii. Smart Classroom

iii. Departmental Library

3. Details of the Faculty:

i. Prof. B. S. Bhadauria

- Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D., D.Sc.

ii. Dr Sunil Kumar Singh

- Associate Professor
- **Qualification:** M.Sc., Ph.D.

iii. Dr. Jagmohan Tanti

- Associate Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D.

iv. Dr. B. K. Singh

- Assistant Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D.

v. Dr. Maitri Verma

- Assistant Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D.

vi. Dr. Mukesh Kumar Awasthi

- Assistant Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D.

vii. Dr. Gopal Datt

- Assistant Professor
- **Qualification:** M.Sc., JRF (NET), Ph.D.

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

i. **Dr. Jagmohan Tanti,** Lifetime member of Indian Mathematical Society since 2007 with membership no. T-07-043.

ii. **Dr. Maitri Verma,** Life member, Indian Mathematical Society.

iii. **Dr. Maitri Verma,** Life member, Indian Science Congress Association.

iv. **Dr. Maitri Verma,** Life member, Biomathematical Society of India.

v. **Dr. Maitri Verma,** Member, Board of Post Graduate Studies (BPGS), Department of Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow.

vi. **Dr. Maitri Verma,** Member, School Board of School of Physical and Decision Sciences (SPDS), Babasaheb Bhimrao Ambedkar University, Lucknow.

vii. **Dr. Mukesh Kumar Awasthi,** Life member of International Association of Engineers (IAENG) (Member ID- 122208)

viii. **Dr. Mukesh Kumar Awasthi,** Member, Board of Post Graduate Studies (BPGS), Department of Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow.

ix. **Dr. Mukesh Kumar Awasthi,** Life member of International Association of Computer Science and Information Technology (Member ID- 80343277).

x. **Dr. Gopal Datt**, Member of the American Mathematical Society (AMS Membership Code: DTGPXA)

xi. **Dr. Gopal Datt**, Member of the Ramanujan Mathematical Society

5. Details of book chapter in edited volume:

i. **B. K. Singh, A. Kumar,** Numerical Study of Conformable Space and Time Fractional Fokker–Planck Equation via CFDT Method. In: Deo N., Gupta V., Acu A., Agrawal P. (eds) Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory. ICRAPAM 2018. Springer Proceedings in Mathematics & Statistics, vol 307. Springer, Singapore. https://doi.org/10.1007/978-981-15-1157-8_19

ii. Rishi Asthana **and Mukesh Kumar Awasthi,** Nonlinear Kelvin–Helmholtz Instability of Viscous Fluids with Heat and Mass Transfer, Advances in Fluid Dynamics, Springer, Singapore, ISBN: 978-981-15-4308-1

iii. Sarishma, Ravi Tomar, Sandeep Kumar **Mukesh Kumar Awasthi**, To Beacon or Not?: Speed Based Probabilistic Adaptive Beaconing Approach for Vehicular Ad-Hoc Networks, International Summit Smart City 360°, Springer Singapore, ISBN: 978-3-030-76063-2

6. Paper published during the year by the faculty members:

i. Beer Bhadauria, Awanish Kumar,Throughflow and gravity modulation effect on thermal instability in a hele-shaw cell saturated by nanofluid, Journal of Porous Media Vol. 24(6), pp. 31-51 (2021)

ii. Manjula, S. H.; Kiran, Palle; Bhadauria, B. S. Throughflow and G-Jitter Effects on Oscillatory Convection in a Rotating Porous Medium, Advanced Science, Engineering and Medicine, Vol. 12(6), pp. 781-791 (June 2020)

iii. Beer Bhadauria, Vineet Kumar, Effect of periodic rotation on thermal instability in a nanofluid-saturated, porous medium, Journal of Porous Media, Vol. 23(11), pp. 1081-1100 (2020).

iv. Manoj Kumar Singh, B. S. Bhadauria, The Impact of Nonlinear Harvesting on a Ratio-dependent Holling-Tanner Predator-prey System and Optimum Harvesting. Applications and Applied Mathematics: An International Journal, Vol. 15(1), pp. 117 – 148 (June 2020).

v. B. K. Singh and Saloni Agrawal (2020) A new approximation of conformable time fractional partial differential equations with proportional delay, Applied Numerical Mathematics, 2020, 157, pp. 419–433. (Elsevier)

vi. B. K. Singh, J. P. Shukla, M. Gupta, (2021) Study of One Dimensional Hyperbolic Telegraph Equation Via a Hybrid Cubic B-Spline Differential Quadrature Method, Int J. Applied and Computational Mathematics, 2021, 7(1), 14. (Springer)

vii. B. K. Singh, M. Gupta, (2021) A new efficient fourth order collocation scheme for solving Burgers' equation, Applied Mathematics and Computation, https://doi.org/10.1016/j.amc.2021.126011

viii. B. K. Singh, M. Gupta, (2021) A new efficient fourth order collocation scheme for solving sine–Gordon equation, Int J of Applied and Computational Maths, 2021, 7, 138. (Springer)

ix. B. K. Singh and Saloni Agrawal (2020) Study of Nonlinear Time Fractional Generalized Burger Equation with Proportional Delay via q-HAM, DOI: https://doi.org/10.21467/proceedings.100.15, in Proceedings of "International Conference on Applied Mathematics & Computational Sciences" (ICAMCS-2019) October 17th–19th, 2019. Organized by DIT University, Dehradun, India., ISSN: 2582-3922; ISBN: 978-81-942709-6-6 (eBook)

x. Maitri Verma, Alok Kumar Verma, A.K. Misra (2021) Mathematical modeling and optimal control of carbon dioxide emissions from energy sector, Environment, Development and Sustainability 23: 13919–13944. (IF: 3.219)

xi. Maitri Verma and Alok Kumar Verma (2021) Effect of plantation of genetically modified trees on the control of atmospheric carbon dioxide: a modeling study, Natural Resource Modeling 34(2): e12300. (IF: 1.182)

xii. Mukesh Kumar Awasthi and Shivam Agarwal, "Instability of a radially moving cylindrical surface: A viscous potential flow approach", ASME-Journal of Fluid Engineering 142 (2020), 094501.

xiii. Mukesh Kumar Awasthi and Shivam Agarwal, "Rayleigh-Taylor instability in a spherical configuration: A viscous potential flow approach" Chinese Journal of Physics 68 (2020) 866-873.

xiv. Mukesh Kumar Awasthi, "Kelvin-Helmholtz instability of viscoelastic liquid-viscous gas interface with heat and mass transfer" Int. J. Thermal Sciences 161 (2021) 106710.

xv. Mukesh Kumar Awasthi, and Gamal Hoshoudy, "Study of heat and mass transport on the instability of a swirling viscoelastic liquid film" European Physical Journal-E 44 (2021) 36.

xvi. Ziya Uddin, Rishi Asthana, Mukesh Kumar Awasthi, Hamdy Hassan, "A metaheuristic approach for the comparative study of MHD flow of nano liquids in a semi-porous channel" Int J Computational Methods In Engg Sci And Mechanics 22 (2021) 244–251

xvii. Dharamendra and Mukesh Kumar Awasthi, "Temporal instability of Walter's B viscoelastic fluid film" Journal of Physics: Conference Series 1849 (2021) 012012

7. Attended/participated in conferences/seminar/workshop inside the country

i. **Dr. B. K. Singh,** completed Two-Week Refresher Course in "Mathematics" organized by "Department of Mathematics, Ramanujan College" from 16 - 30 March 2021 with Grade A+.

ii. **Dr. Maitri Verma,** completed Two-Week Refresher Course In "Mathematics" organized by "Department of Mathematics, Ramanujan College" from 16 - 30 March 2021 with Grade A+.

iii. **Dr. Maitri Verma,** attended 5 days International Faculty Development Programme on "SCILAB for Academics and Research" from 10.08.2020-14.08.2020.

iv. **Dr. Maitri Verma,** attended A six day e-Faculty Development Program on "Applied Mathematics and Related Fields (AMRF)" from 24.08.2020-28.08.2020.

v. **Dr. Mukesh Kumar Awasthi,** completed TWO-WEEK REFRESHER COURSE IN "MATHEMATICS" organized by "Department of Mathematics, Ramanujan College" from 16 - 30 March 2021 with Grade A+.

vi. **Dr. Mukesh Kumar Awasthi,** attended the workshop "Training of Trainers (ToT)" from 24.08.2020-28.08.2020.

vii. **Dr. Mukesh Kumar Awasthi,** attended 1 Week Internation FDP on Fixed Point Theory and its Applications from 15.09.2020-19.09.2020.

viii. **Dr. Gopal Datt, a**ttended and completed 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education", from 15.03.2021 to 14.04.2021 with Grade A+. This programme was organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malaviaya National Mission on Teachers and Teaching, Ministry of Education.

8. Details of invited lecture inside the country: None

i. **Prof. B S Bhadauria delivered a lecture** in Short Term Course, organized by Women Engineering College, Ajmer on 24.10.2020 on the topics; "Advance theoretical and numerical techniques to solve differential equations".

ii. **Prof. B S Bhadauria delivered a lecture** in Short Term Course, organized by Women

Engineering College, Ajmer on 27.10.2020 on the topics; "Numerical simulation of natural convection in a rectangular porous cavity"

iii. Dr. Sunil Kumar Singh has delivered an **Expert Lecture** on the topic "An Introduction to Wavelet Analysis" on 10/03/2021 in the Workshop on "Mathematics & its Applications" held during on from 8th March, 2021 to 12th March 2021 organized by the Department of Applied Mathematics & Humanities of S. V. National Institute of Technology, Surat.

9 Students Achievements

i. Accomplishments of Students

- Number of students completed their Masters- **47**

ii. Ph.D. Students pursuing (Registered during 2020-21)

S.N.	Name of Students	Name of Guide	Co-guide	Fellowship
1	Ismail	Prof. B.S. Bhadauria	----	UGC-JRF Fellowship
2	Shilpee	Prof. B.S. Bhadauria		University Fellowship
3	Cherie Gautam	Dr. Maitri Verma	----	University Fellowship
4	Kuldeep Kumar Tripathi	Dr. Maitri Verma	----	UGC-JRF Fellowship
5	Manjesh Kumar	Dr. Mukesh Kumar Awasthi	----	National Fellowship

10. Google Profile of the faculty members:

i. Prof. B. S. Bhadauria
Citations: 2466
h-index: 31
i10- index: 69

ii. Dr. Sunil Kumar Singh
Citations: 113
h-index: 7
i10- index: 4

iii. Dr. Jagmohan Tanti
https://scholar.google.co.in/citations?hl=en&user=U0z1LOUAAAAJ&view_op=list_works&gmla=AJsN-F6XPHUrw7o3AQ5YfAZbtka18K_toH9P6wnQAhFSEL2HpXbV1cdk0Yy2xd-al3nRcf-te3TTDxVQT05l7ap-MuUiOAMIpcbuPbNu47LanHoRMO-vvfE

iv. Dr. B. K. Singh
Dr. Maitri Verma
Citations: 196
h-index: 8
i10- index: 7

v. Dr. Mukesh Kumar Awasthi
Citations: 962
h-index: 20
i10- index: 27

vi. Dr. Gopal Datt
https://sites.google.com/view/gopaldatt
https://scholar.google.co.in/citations?user=A0jhEw4AAAAJ&hl=en

Department of Physics

The Department of Applied Physics was set up in the year 2010; under the aegis of School for Physical Sciences. It was initially run with coordinator in-charge and some guest faculty members. In 2017, the Department was rechristened as Department of Physics & School was renamed as School of Physical & Decision Sciences. In the current year, the overwhelming 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 Department is trying to attract a few International students for their research activities, after the issuance of guidelines from university for international students. Presently twenty-three students are pursuing Ph.D. in the field of Condensed Matter Physics, Material Science, Nano-Science & Nano-Technology and Theoretical modelling (ab initio/DFT methods) in areas of Liquid Crystal, Cluster studies, Computational Biophysics etc. 25 Ph.D. have been awarded till date besides M.Phil. and M. Sc. Dissertations. The Department is running programmes viz. M.Sc. (Physics), M.Sc. (Nuclear Medicine Technology) and M.Phil. (Physics) with the intake of 50, 08 & 08 students respectively. Ph.D. student's intake is as per academic ordinance. Our students are qualifying various competitive exams (GATE/JEST etc.) and securing Ph.D. admissions to reputed institutions like II.Sc, IITs, IISERs, etc. Several students have qualified UGC-NET JRF/LS exam and seven students have been selected for RGNF in last 5 years. Presently, 02 research scholars are getting Inspire fellowship. A well-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 UPCST and DST sponsored major research projects. They are working in the field of Nano-materials, Energy harvesting devices, Sensors, Molecular modelling, Theoretical Physics and Applied Optics etc.

1.Course Offered:

i. M.Sc. (Physics)
ii. M. Sc. (Nuclear Medicine Technology)
iii. M. Phil (Physics)
iv. Ph.D. (Physics)

2. Facilities available in the department:

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

3. Details of Faculty:

i. Prof. Bal Chandra Yadav

- Professor & Head
- Specialization: Nanoscience, Materials Science Opto-Electronics Sensors & Devices

- **Qualification:** Ph. D.

ii. Dr. Devesh Kumar

- Professor
- Specialization: **Simulations of intermolecular interactions in mesogens and biological molecules**
- **Qualification:** Ph.D.

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.

4. Other Departmental level Academic Activities :

Alumni Meet, Parents Teacher Meeting, Special Lectures

5. Details of the memorandum of Understanding signed with national/foreign Inst intuitions:

Memorandum Signed with SGPGI Lucknow.

6. Visitors of Department from inside the country:

02

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

DR. B.C. YADAV

i. Indian Science Congress Association (**ISCA**) Life member
ii. Optical Society of India (**OSI**) Life member
iii. Materials Research Society of India (**MRSI**) Life member
iv. National Academy of Sciences, India Allahabad Life member

v. Indian Physics Association (IPA) Mumbai , Maharashtra state Life member

Member of Editorial Board:

i. American Journal of Optics and Photonics, Science Publishing Group, USA.
ii. Lucknow Journal of Science, **Print ISSN:** 0974-8121, **Online ISSN:** 0974-813X, **Publisher:** Lucknow University Teacher's Academic Publication Society.
iii. International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347-2189, E-ISSN 2347-4971.
iv. International Journal of Sensors and Sensor Networks, Science PG
v. Brain Pool Fellow, Korea Research Institute of Chemical Technology (KRICT), Daejeon, South Korea.

Dr. Devesh Kumar

i. The World Association of Theoretical and Computational Chemists (WATOC) Life member
ii. Society of Biological Inorganic Chemistry (SBIC) Life member
iii. Indian Biophysics Society (IBS) Life member
iv. National Academy of Science Life member
v. Member, American Chemical Society Life member
vi. Member, National Academic of Sciences, India, Allahabad Life member
vii. The World Association of Theoretical and Computational Chemists (WATOC) Life member
viii. Society of Biological Inorganic Chemistry (SBIC) Life member
ix. Indian Biophysics Society (IBS) Life member
x. Ramanujan Fellow, Indian Institute of Chemical Technology, Hyderabad (A. P.), India
xi. Postdoctoral Fellow, The Max-Planck-Institut für Kohlenforschung, Mulheim an der Ruhr, Germany
xii. Postdoctoral Fellow, The Hebrew University of Jerusalem, Israel
xiii. Mentor: Professor Sason Shaik
xiv. Mentor: Professor Walter Thiel

Dr. Anil Kumar Yadav

Materials Research Society of India (**MRSI**) Life member

Dr. Khem B. Thapa

Ultasonic Society of India

8. Paper published during the year by the faculty members;

UGC listed Journal)

Prof. B.C.Yadav

Title	Cited by	Year
A review on the polymers with shape memory assisted self-healing properties for triboelectric nanogenerators GI Dzhardimalieva, BC Yadav, IE Uflyand, CMO González, BI Kharisov, ... Journal of Materials Research, 1-16		2021

In Situ Prepared Solar Light-Driven Flexible Actuated Carbon Cloth-Based Nanorod Photocatalyst for Selective Radical–Radical Coupling to Vinyl Sulfides C Singh, RK Yadav, TW Kim, PP Upare, AK Gupta, AP Singh, BC Yadav, ... Photochemistry and Photobiology		2021
Hierarchical flower-like Bi2SiO5/MWCNT nanocomposites for highly sensitive LPG sensor at room temperature T Haldar, U Kumar, BC Yadav, VVRK Kumar Journal of Alloys and Compounds 856, 158157		2021
Anthracene-based g-C3N4 photocatalyst for regeneration of NAD (P) H and sulfide oxidation based on Z-scheme nature C Singh, TW Kim, RK Yadav, K Kumar, BC Yadav International Journal of Energy Research, 1-10	1	2021
Structural, optical and LPG sensing properties of zinc-doped nickel oxide pellets operated at room temperature P Gupta, NK Pandey, K Kumar, BC Yadav Sensors and Actuators A: Physical 319, 112484	3	2021
Synthesis and structural characterizations of HAp–NaOH–Al_2O_3 composites for liquid petroleum gas sensing applications SK Avinashi, A Hussain, K Kumar, BC Yadav, C Gautam Oxford Open Materials Science 1 (1), itab006		2021
Synthesis of TiO2 nanorods using wet chemical method and their photovoltaic and humidity sensing applications N Chaurasiya, U Kumar, S Sikarwar, BC Yadav, PK Yadawa Sensors International 2, 100095		2021
Ultra-sensitive behaviour of ruthenium-doped nickel ferrite thin film humidity sensor V Manikandan, S Sikarwar, BC Yadav, S Vigneselvan, RS Mane, ... Journal of Experimental Nanoscience 16 (1), 44-51	1	2021
The functionalization of polyacrylamide with MoS 2 nanoflakes for use in transient photodetectors A Verma, P Chaudhary, RK Tripathi, BC Yadav Sustainable Energy & Fuels 5 (5), 1394-1405		2021
Study of variable range hopping conduction mechanism in nanocrystalline carbon thin films deposited by modified anodic jet carbon arc technique: application to light-dependent … BCY Ravi Kant Tripathi, O. S. Panwar, Ishpal Rawal, C. K. Dixit, Arpit Verma ... Journal of Materials Science: Materials in Electronics, 1-12	1*	2021
Polymer chemistry underpinning materials for triboelectric nanogenerators (TENGs): recent trends GI Dzhardimalieva, BC Yadav, VL Tat'yana, IE Uflyand European Polymer Journal, 110163	1	2021
Effect of direct–current biasing on the adjustable radio-frequency negative permittivity characteristics of Bi2SiO5/multiwall carbon nanotube metacomposites T Haldar, U Kumar, BC Yadav, VVRK Kumar Ceramics International 47 (1), 1389-1398		2021
Ultrafast responsive humidity sensor based on roasted gram derived carbon quantum dots: Experimental and theoretical study P Chaudhary, DK Maurya, S Yadav, A Pandey, RK Tripathi, BC Yadav Sensors and Actuators B: Chemical 2020, 129116-26	2	2020
Basic Approaches to the Design of Intrinsic Self-Healing Polymers for Triboelectric Nanogenerators GI Dzhardimalieva, BC Yadav, SE Kudaibergenov, IE Uflyand Polymers 12 (11), 2594		2020
Development of an impedance-based electrical humidity sensor using Sb-doped Ge-Se-Te chalcogenide glasses S Mishra, P Lohia, P Chaudhary, BC Yadav, DK Dwivedi Journal of Electronic Materials 49 (11), 6492-6500	5	2020

Fabrication of leaf shaped SnO2 nanoparticles via sol–gel route and its application for the optoelectronic humidity sensor P Kumar, S Khadtare, J Park, BC Yadav Materials Letters 278, 128451	4	2020
Non-functionalized Au nanoparticles can act as high-performing humidity sensor N Yadav, P Chaudhary, KK Dey, S Yadav, BC Yadav, RR Yadav Journal of Materials Science: Materials in Electronics 31 (20), 17843-17854	1	2020
Nanostructured cobalt antimonate: A fast responding and highly stable sensor material for liquefied petroleum gas detection at room temperature PT S. Singh, A. Singh, A.Singh, S. Rathore, B.C. Yadav RSC Advances 33770 (10), 33770-33781		2020
Ion beam engineering in WO3-PEDOT: PSS hybrid nanocomposite thin films for gas sensing measurement at room temperature J Ram, RG Singh, F Singh, V Chauhan, D Gupta, V Kumar, U Kumar, ... Inorganic Chemistry Communications 119, 108000	3	2020
Healable, highly sensitive LPG sensor based on Ni0.4Zn0.6Fe2O4 nanohybrid grown by autocombustion process BCY A. Bhaduri, S. Singh, R. K.Tripathi, U. Kumar, K. B.Thapa Sensor Actuators B: Chemical 327, 12884	6*	2020
Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges R Kothari, A Vathistha, HM Singh, VV Pathak, VV Tyagi, BC Yadav, ... Environmental Technology & Innovation, 101078	5	2020
Synthesis of MWCNT/PPY nanocomposite using oxidation polymerization method and its employment in sensing such as CO2 and humidity U Kumar, BC Yadav, T Haldar, CK Dixit, PK Yadawa Journal of the Taiwan Institute of Chemical Engineers 113, 419-427	2	2020
Tunable negative permittivity of Bi2O3–SiO2/MWCNT glass-nanocomposites at radio frequency region VVRKK Toton Haldar, Utkarsh Kumar, B. C. Yadav Journal of Materials Science: Materials in Electronics 3731, 1-10	5*	2020
The beauty inhabited inside the modified Graphene for moisture detection at different frequencies BCY K. Kumar, A. Singh, U. Kumar, R K Tripathi Journal of Materials Science: Materials in Electronics, 10	7*	2020
The synthesis of a Cu 0.8 Zn 0.2 Sb 2–polyacrylamide nanocomposite by frontal polymerization for moisture and photodetection performance P Chaudhary, DK Maurya, RK Tripathi, BC Yadav, ND Golubeva, ... Materials Advances 1 (8), 2804-2817	1	2020
Nanostructured cobalt antimonate: A fast responsive and highly stable sensing material for liquefied petroleum gas detection at room temperature S Singh, A Singh, A Singh, S Rathore, BC Yadav, P Tandon RSC Advances 10 (56), 33770-33781	2	2020
Study of humidity sensing properties and ion beam induced modifications in SnO2-TiO2 nanocomposite thin films ISRK Vikas Kumar, Vishnu Chauhan, Jagjeevan Ram, Rashi Gupta, Shalendra ... Surface and Coating Technology, 125768	11	2020
The rapid response and high sensitivity of a ruthenium-doped copper ferrite thin film (Ru–CuFe2O4) sensor AVJC V. Manikandan, Ali Mirzaei, S. Sikarwar, B. C. Yadav, S. Vigneselvan RSC Advances 10, 13611-13615	1	2020
Self-healing and shape memory metallopolymers: state-of-the-art and future perspectives GI Dzhardimalieva, BC Yadav, S Singh, IE Uflyand Dalton Transactions 49 (10), 3042-3087	20	2020

Self-assembled carbon nitride/cobalt (III) porphyrin photocatalyst for mimicking natural photosynthesis U Chandani Singh, Surabhi Chaubey, Pooja Singh, Kavita Sharma, Shambhavi ... Diamond & Related Materials 101 (220), 107648-53	6	2020
Fabrication of nanostructured lead-free bismuth sodium titanatethin film and its liquefied petroleum gas sensing MK Monika Singh, B.C. Yadav, Utkarsh Kumar, Ashok Ranjan, Richa Srivastava Sensor Actuators A: Physical 301, 111765	6	2020

Prof. Devesh Kumar

Title	Cited by	Year
Modeling the hydroxylation of estragole via human liver cytochrome P450 R Yadav, N Awasthi, A Shukla, D Kumar Journal of Molecular Modeling 27 (7), 1-7		2021
DFT-based numerical study of the re-entrant phase and optical parameters of the homologous series of MBC liquid crystal molecules studied under the influence of an electric field N Kumar, P Singh, KB Thapa, D Kumar Bulletin of Materials Science 44 (2), 1-6		2021
Jordan Journal of Physics S Chaudhary, N Kumar, P Singh, KB Thapa, D Kumar Jordan Journal of Physics 14 (1), 79-87		2021
Molecular spectroscopy and electro-optical effect of I52 liquid crystal molecules studied under the influence of an external electric field (THz): a theoretical approach N Kumar, P Singh, KB Thapa, P Upadhyay, D Kumar Journal of Molecular Modeling 27 (1), 1-7		2021
Interaction of Nucleic Acid Bases (NABs) with Graphene (GR) and Boron Nitride Graphene (BNG) A Kumar, D Kumar Journal of Molecular Structure 1222, 128889	2	2020
Odd-Even Effect Observed in the Electro-Optical Properties of the Homologous Series of HnCBP Liquid Crystal Studied under the Impact of the Electric Field: A Theoretical Approach N Kumar, P Singh, K Thapa, D Kumar Iranian Journal of Mathematical Chemistry 11 (4), 239-254		2020
Even–odd effect of the homologous series of nCHBT liquid crystal molecules under the influence of an electric field: A theoretical approach N KUMAR, S CHAUDHARY, P UPADHYAY, AK DWIVEDI, D KUMAR Pramana 94 (1), 1-9	2	2020
Electro-optical odd-even effect of APAPA liquid crystal molecules studied under the influence of an extraneous electric field (THz): A theoretical approach N Kumar, S Chaudhary, P Singh, KB Thapa, D Kumar Journal of Molecular Liquids 318, 114254	1	2020
Electro-optical Effect of the nCOOCB Liquid Crystal Molecules under the Terahertz Frequency Range: A Theoretical Approach. N Kumar, P Singh, KB Thapa, D Kumar Journal of Physical Science 31 (3)		2020
Reduced graphene oxide contains a minimum of six oxygen atoms for higher dipolar strength: A DFT study N Kumar, B Pal, S Chaudhary, D Singh, D Kumar French-Ukrainian Journal of Chemistry 8 (1), 167-173	2	2020
Spectroscopy Existing behind the Electro-Optical Properties with an Even-Odd Effect of nCB Liquid Crystal Molecules: A Theoretical Approach. N Kumar, P Singh, S Chaudhary, KB Thapa, P Upadhyay, AK Dwivedi, ... Acta Physica Polonica, A. 137 (6)	1	2020

Interplay between two spin states determines the hydroxylation catalyzed by P_{450}monooxygenase from *Trichoderma brevicompactum* R Hussain, R Yadav, M Ahmed, TA Khan, D Kumar, Y Akhter Journal of Computational Chemistry 41 (14), 1330-1336	1	2020
Molecular spectroscopy and adverse optical properties of N-(p-hexyloxy-benzylidene)–p-toluidine (HBT) liquid crystal molecule studied by DFT methodology N Kumar, P Singh, KB Thapa, D Kumar IOP SciNotes 1 (1), 015202	8	2020
Odd–even effect of 7O. m liquid crystal compound series studied under the effect of the electric field by density functional theory (DFT) methods N Kumar, P Singh, P Upadhyay, S Chaudhary, KB Thapa, AK Dwivedi, ... The European Physical Journal Plus 135 (5), 1-11	10	2020

Dr. Ramesh Chan

Nuclear transition matrix elements for neutrinoless double-β decay of 76Ge within mechanisms involving sterile neutrinos, Majorons and composite neutrinos PK Rath, A Kumar, R Gautam, R Chandra, PK Raina, BM Dixit International Journal of Modern Physics E 30 (1), 2150004		2021
Nuclear transition matrix elements for neutrinoless double-β decay within Rp-violating squark-neutrino mechanism PK Rath, B Shukla, K Chaturvedi, VK Nautiyal, R Chandra, PK Raina International Journal of Modern Physics E 29 (8), 2050066		2020

Dr. A. K. Yadav

Understanding interactions of DNA minor groove binders using advanced computational techniques Authors: Anwesh Pandey, Ruchi Mishra, Anil Kumar Yadav Publication date: 2020/6 Journal: The International journal of analytical and experimental modal analysis Volume: 12 Issue: 6 Pages: 1300-1315 Publisher: Engineering Skill Development		2020
Interaction, Dynamics and Stability Analysis of Some Minor Groove Binders with B-DNA Dodecamer 5' (CGCAAATTTGCG)-3'Authors: Anwesh Pandey, Anurag Upadhyay, Suresh Kumar, Anil Kumar YadavPublication date: 2020/12/2Journal: Drug Designing: Open AccessVolume: 10Issue: 1Pages: 7-12Publisher: Longdom Publishing		2020
Vibrational Analysis and Molecular Docking Studies on some Ribonuclease-H HIV Inhibitors Authors: Prashasti Sinha, Anwesh Pandey, Anil Kumar Yadav Publication date: 2021/1/31 Journal: Biointerface Research in Applied Chemistry Volume: 11 Issue: 5 Pages: 12796-12807		2021

Dr. Devedra Singh

Electrical Characterization of E7 Liquid Crystal Molecules under the Impact of an External Electric Field (THz): A Theoretical approach N Kumar, B Pal, P Singh, K Thapa, D Singh Jordan Journal of Chemistry (JJC) 15 (2), 95-101		2020
Reduced graphene oxide contains a minimum of six oxygen atoms for higher dipolar strength: A DFT study N Kumar, B Pal, S Chaudhary, D Singh, D Kumar French-Ukrainian Journal of Chemistry 8 (1), 167-173	2	2020

Metamaterial-plasma based hyperbolic material for sensor, detector and switching application at microwave region A Kumar, N Kumar, GN Pandey, D Singh, KB Thapa Journal of Physics: Condensed Matter 32 (32), 325701	1	2020
Spectroscopic, dielectric and nonlinear current–voltage characterization of a hydrogen-bonded liquid crystalline compound influenced via graphitic nanoflakes: An equilibrium … DP Singh, AK Misra, KK Pandey, B Pal, N Kumar, D Singh, K Kondratenko, ... Journal of Molecular Liquids 302, 112537	6	2020

Dr. Khem B. Thapa

DFT-based numerical study of the re-entrant phase and optical parameters of the homologous series of MBC liquid crystal molecules studied under the influence of an electric field N Kumar, P Singh, KB Thapa, D Kumar Bulletin of Materials Science 44 (2), 1-6		2021
Healable, highly sensitive LPG sensor based on Ni0. 4Zn0. 6Fe2O4 nanohybrid grown by autocombustion process A Bhaduri, S Singh, RK Tripathi, U Kumar, KB Thapa, BC Yadav Sensors and Actuators B: Chemical 327, 128840	6	2021
Jordan Journal of Physics S Chaudhary, N Kumar, P Singh, KB Thapa, D Kumar Jordan Journal of Physics 14 (1), 79-87		2021
Molecular spectroscopy and electro-optical effect of I52 liquid crystal molecules studied under the influence of an external electric field (THz): a theoretical approach N Kumar, P Singh, KB Thapa, P Upadhyay, D Kumar Journal of Molecular Modeling 27 (1), 1-7		2021
Study of the effective surface plasmon in a nano-composite of silver nanoparticles with a host ZrO2 in one-dimensional ternary periodic structure for solar cell application P Singh, VK Nautiyal, N Singh, KB Thapa Physica Scripta 96 (2), 025504		2020
Odd-Even Effect Observed in the Electro-Optical Properties of the Homologous Series of HnCBP Liquid Crystal Studied under the Impact of the Electric Field: A Theoretical Approach N Kumar, P Singh, K Thapa, D Kumar Iranian Journal of Mathematical Chemistry 11 (4), 239-254		2020
Electro-optical odd-even effect of APAPA liquid crystal molecules studied under the influence of an extraneous electric field (THz): A theoretical approach N Kumar, S Chaudhary, P Singh, KB Thapa, D Kumar Journal of Molecular Liquids 318, 114254	1	2020
Study of super absorption properties of 1D graphene and dielectric photonic crystal for novel applications A Kumar, P Singh, KB Thapa Optical and Quantum Electronics 52 (10), 1-12	3	2020
Electrical Characterization of E7 Liquid Crystal Molecules under the Impact of an External Electric Field (THz): A Theoretical approach N Kumar, B Pal, P Singh, K Thapa, D Singh Jordan Journal of Chemistry (JJC) 15 (2), 95-101		2020
Electro-optical Effect of the nCOOCB Liquid Crystal Molecules under the Terahertz Frequency Range: A Theoretical Approach. N Kumar, P Singh, KB Thapa, D Kumar Journal of Physical Science 31 (3)		2020

Study of Design Tunable Optical Sensor and Monochromatic Filter of the One-Dimensional Periodic Structure of TiO2/MgF2 with Defect Layer of Liquid Crystal (LC) Sandwiched with … SKSAKG Pawan Singh, Khem B. Thapa Plasmonics	2	2020
Spectroscopy Existing behind the Electro-Optical Properties with an Even-Odd Effect of nCB Liquid Crystal Molecules: A Theoretical Approach. N Kumar, P Singh, S Chaudhary, KB Thapa, P Upadhyay, AK Dwivedi, ... Acta Physica Polonica, A. 137 (6)	1	2020
Molecular spectroscopy and adverse optical properties of N-(p-hexyloxy-benzylidene)–p-toluidine (HBT) liquid crystal molecule studied by DFT methodology N Kumar, P Singh, KB Thapa, D Kumar IOP SciNotes 1 (1), 015202	8	2020
Theoretical investigation of enhanced sensing property in 1D TiO2/SiO2 periodic layers containing a defect layer of the nanocomposite with different radii of silver … P Singh, VK Nautiyal, R Janma, KB Thapa Physica Scripta 95 (6), 065507	2	2020
Metamaterial-plasma based hyperbolic material for sensor, detector and switching application at microwave region A Kumar, N Kumar, GN Pandey, D Singh, KB Thapa Journal of Physics: Condensed Matter 32 (32), 325701	1	2020
Broadband reflector of 1D photonic crystal containing TiO_2/SiO_2 material at visible region A Kumar, P Singh, K Pal, N Kumar, KB Thapa AIP Conference Proceedings 2220 (1), 020068		2020

9. Attended /Participated in conference/seminar/workshop/Webinar inside country

- 12

10. Attended /Participated in conference/seminar/workshop/ Webinar outside country: 05

11. Details of invited lecture inside the country : 06

- Prof. B. C. Yadav
- Dr. Anil Kumar Yadav

12. Details of Research Projec:

Sl. NO.	Title of the project	Name of PI	Name of Co-PI	Funding Agency	Amount in Rs. (Lacs)	Duration of Project	Status of the Project	Name of the Department
1	Design and fabrication of Biosensors based on breath analysis technique using nanostructure meta loxide thin films for the detection of diabetes and others diseases	Prof. B. C. Yadav		Council of Science & technology	11.19/-	2021-22	Ongoing	Physics

2	Preparation and Properties of slef -healing polymer based nanohybrid materials for energy harvesting application''	Prof. B. C. Yadav	----	Indo-Russian, DST	15,44,800	2020	Ongoing	Physics

13. Students achievements:

S.No	Name of Students	Guide	Co-guide	Title	Fellowship availed/availing
i. Ph.D. awarded during the year: 2020-2021					
1.	Kuldeep Kumar	Prof. B.C. Yadav		Investigation on Graphene with functionalized metal oxides and their sensing applications	UGC-
2.	Shivani Chaudhary	Prof. Devesh Kumar		"Electro-optical properties of liquid crystal molecules by quantum mechanical methods ''	UGC-
3.	Narinder Kumar	Prof. Devesh Kumar		"Comparative study of electro-optical properties of liquid crystal molecules"	RGNF
4.	Anwesh Pandey	Dr. Anil Kumar Yadav		A Computational Study of Drug-DNA Interactions	UGC-
5.	Pawan Singh	Dr. Khem. B. Thapa		Study of Electro-Optics of Anisotropic Molecules for Photonics Applications	UGC-
6.	Asish Kumar	Dr. Khem. B. Thapa		Optics Of Photonic Crystals And Their Potential Applications	UGC-
7.	Utkarsh Kumar,	Prof. B.C. Yadav		Synthesis of nano-carbon structures with functionalized metal oxides and their sensing applications	RGNF
ii. Ph.D. students Pursuing					
1	Arpit Verma	Prof. B.C. Yadav		Preparation and properties of metallpolymer nanostructures relevant to renewable energy applications	UGC-
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	UGC
4.	Priyanka Chuadhary	Prof. B.C. Yadav		Synthesis and Characterization of Quantum dots and their Application as Sensors	UGC-
5.	Shakti Singh	Prof. B.C. Yadav		Synthesis and Characterization of self-healing Nano- Materials and their Applications	UGC-

6.	Rolly Yadav	Prof. Devesh Kumar		Quantum Mechanical Study of Reactivity of Modeled/ Biomimetic Heme and Non-Heme type Metalloenzymes	INSPIRE Fellowship
7.	Nidhi Awasthi	Prof. Devesh Kumar		Understanding the metabolism of drug like Molecules by Heme & Non-Heme Modeled Enzymes Using Quantum Mechanical Tools	UGC-
8.	Anamika Shukla	Prof. Devesh Kumar		"Quantum mechanical/Molecular Mechanical (QM/MM) studies of DNA Binding Drugs ''	INSPIRE Fellowship
9.	Mritunjay Mishra	Prof. Devesh Kumar		Study of Molecular Interaction and Electro-Optical properties of Liquid Crystal Molecules using Density Functional Theory	UGC
10	Monu Gupta	Prof. B.C. Yadav		Synthesis of metal oxides nanocomposites and their relevance in the detection of diabetes and other diseases	UGC
11.	Deeptarka Roy	Dr. Anil Kumar Yadav		Synthesis and Characterization of Nanostructures' with Functional Properties for the Novel Applications	UGC-
12.	Krishan Pal	Dr. Khem. B. Thapa		Synthesis and Characterization of Functional Materials for Energy Applications	RGNF
13.	Abhisikta Bhaduri	Dr. Khem. B. Thapa		Investigation of Micro and Nan ferrites and their Applications	UGC-
14.	Bhavna Pal	Dr. Devendra Singh		Electro–optical and Physical Properties of Liquid Crystal Molecules Studied by Quantum Mechanical Methodology	UGC-
15.	Abhishek Prakash Tiwari	Prof. B.C.Yadav		Fabrication of Metal Oxide based Nanomaterials and Their Application for Antimicrobial Activity	Nil
16.	Prashasti Sinha	Dr. Anil Kumar Yadav		Study of Novel Potential Antiviral Drug Candidates Using Computational Tools	UGC
17.	Varsha Gautam	Prof. Devesh Kumar		Molecular Spectroscopy of Organic and Inorganic Liquid Crystals Studied by Computational Method	UGC
18	Manish Kumar	Dr. Devendra Singh		Investigation of electro-optic properties of organic liquid crystal by computational method	UGC
iii. M.Phil. awarded during the year: 2020-2021					
1.	Banani Kar	Dr. Anil Kumar Yadav		Green Synthesis of Nanomaterials	Nil
iv. M.Phil. Pursuing					
1.	Manash Misra	Dr. Anil Kumar Yadav		Assessment of Molecular Dynamics Force Fields for Drug-DNA Interaction	UGC

2.	Mohit Kumar	Dr. Khem. B. Thapa		A study of high-performance sensing behavior of biosensor based on photonic crystal	UGC

v. Accomplishments of Students (20-2021)		
Number of students Completed their/ Graduation/ Diploma	M.Sc. Physics	32
	M.Sc. Nuclear Technology	04
	M.Phil.	03
Number of student pursuing higher studies	05 in Ph.D.	
Number of students NET/JRF any other fellowship	02 NET 02 GATE	
Number of students selected on other government jobs	Govt. Job	03
	Teaching Job	03
	Private Job	04

14. Google profile of the faculty members:

Prof. Bal Chandra Yadav

	All	Since 2016
Citations	4202	3138
h-index	34	31
i10-index	110	95

Dr. Anil Kumar Yadav

	All	Since 2016
Citations	337	291
h-index	7	6
i10-index	6	3

Prof. Devesh Kumar

	All	Since 2016
Citations	8381	3604
h-index	49	30
i10-index	86	70

Dr. Devendra Singh

	All	Since 2016
Citations	110	106
h-index	5	4
i10-index	1	1

Dr. Ramesh Chandra

	All	Since 2016
Citations	579	226
h-index	10	8
i10-index	11	8

Dr. Khem B Thapa

	All	Since 2016
Citations	886	621
h-index	14	10
i10-index	19	11

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., M. Phil. and Ph. D. Programmes. Since its very inception, the Department has grown rapidly and is championing the cause of Statistics. The faculty members of the department are highly qualified and are engaged in diverse fields of research in Statistics ranging from Reliability and Sequential Analysis, Econometrics, Mathematical Programming Techniques, Sampling Techniques, Stochastic Orders, Regression Modeling and Agricultural Statistics. The courses in the Department are designed to inculcate analytic and decision-making aptitude among the students. The Department also caters to the needs of researchers, academicians and scientists from other disciplines seeking guidance and advice in handling the Statistical work involved in their research. The mission and vision of the Department of Statistics is to inculcate statistical thinking in young minds for better future planning and welfare of society and to contribute to the society through excellence in statistical education and research.

1. Courses offered/New Courses:-

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

2. Facilities available in the Department:

i. Computer Lab (with 20 computers & 01 projector),
ii. Research scholar's room
iii. Class rooms
iv. Rooms for faculty members

3. Details of the Faculty:

i. Dr. Surinder Kumar

- Head & Professor
- Teaching- 21 Years
- Research-25 Years
- Reliability Theory, Sequential Testing, Bayesian Analysis

ii. Dr. Madhulika Dube

- Professor
- Teaching- 35 Years
- Research-39 Years
- Econometrics, Biostatistics/Medical Statistics, Regression

iii. Dr. Subhash Kumar Yadav

- Associate
- Professor

- Teaching- 15 years
- Research-15 years
- Sampling, Regression Analysis, Operations Research

iv. Dr. Rahul Varshney

- Assistant
- Professor
- Teaching- 9 Years
- Research-15 Years
- Sampling Theory, Mathematical Programming, Optimization

v. Dr. Amit Kumar Misra

- Assistant
- Professor
- Teaching- 10 Years
- Research-15 Years
- Stochastic Ordering, Reliability Theory, Redundancy Allocations

vi. Dr. Minakshi Mishra

- Assistant
- Professor
- Teaching- 3 Years and 8 months
- Research-9 Years
- Regression Analysis, Design of Experiment and Soft-Computing Techniques

4. Other Department Level Academic Activities

i. National Level Online Quiz Competition on Statistics in Service of Society on the occasion of National Statistics Day & Silver Jubilee Celebrations of the University organized by the Department of Statistics on June 29, 2020, 232 students participated from more than 50 universities.

ii. Online Alumni Meet organized by the Department on 21-03-2021.

5. Co-curricular/Extra-curricular/Sports Activities:

M. Sc. Students participated in Elocution Competition organized by "Ek Bharata Shrestha Bharat" Committee of the University.

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

Dr. Surinder Kumar

i. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. School Board Member, School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow

iv. RDCU member Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

v. BPGS Member, Department of Statistics, Beer bahadur Singh Purvanchal University, Jaunpur

Prof. Madhulika Dube

i. Honorary Advisor & Expert, Institutional Research and Development Committee, Saraswati Dental College, Lucknow. -2020- till date

ii. External Expert, Academic Council, **Indira Gandhi University, Meerpur** Rewari, Haryana- -2020-22

iii. Coordinator, International Student's Centre, BBAU. -2019- till date

iv. External Member, PG Board of Studies and Research Degree Committee in Statistics, **Kumaun University, Nainital**

v. 2019-2021

vi. Member, Executive Council, **Ch Bansi Lal University Haryana. -**2019-2021

vii. External Member, PG Board of Studies in Statistics and OR, **Aligarh Muslim University, Aligarh.-** 2019-2021

viii. Head, Department of Statistics, **BBA University, Lucknow. -**2018-2021

MEMBERSHIP OF ASSOCIATIONS AND SCIENTIFIC BODIES

i. Member, Data Analytics Core Group

ii. Life Member Indian Bayesian Society

iii. Life Member Indian Science Congress Association.

iv. Life Member Indian Statistical Association.

v. Life Member the Indian Econometric Society.

vi. Life Member Indian Society of Information Theory and Applications.

vii. Life Member Forum for Interdisciplinary Mathematics

Dr. Subhash Kumar Yadav

i. Member Editorial Board, Journal of Reliability and Statistical Studies.

ii. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow

iii. BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow

iv. Member of NIRF Committee, BBAU, Lucknow

Dr. Rahul Varshney

i. School Board member, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Life member of International Indian Statistical Association (IISA).

iii. Life member of Indian Society for Probability and Statistics (ISPS) (ID: LM/2010/49/833).

iv. Life member of Kerala Statistical Association

v. Life member of OPERATIONAL RESEARCH SOCIETY OF INDIA(ORSI) (ID:1128/R/15/ML)

vi. Life member of Indian Society for Medical Statistics

vii. Member of SWOT Analysis Committee of the University, BBAU, Lucknow.

viii. Member, 'Ek Bharat Shrestha Bharat' committee of the University, BBAU, Lucknow.

Dr. Amit Kumar Misra

i. Student member of 'Institute of Actuaries of India'
ii. Lifetime member of 'Indian Society for Medical Statistics'
iii. Lifetime member of 'Indian Science Congress'
iv. Member, DRC, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
v. Member, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
vi. Member, Departmental Council, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
vii. Member, Departmental Purchase Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
viii. Member, Departmental IQAC, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
ix. Departmental Coordinator, Alumni Cell, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
x. Member, RDCU, Babasaheb Bhimrao Ambedkar University, Lucknow
xi. Coordinator and Mentor for SWAYAM Courses, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Minakshi Mishra

i. Life Member of Society for Application of Statistics in Agriculture and Allied sciences
ii. Annual Member of Journal of Agro-meteorologist
iii. Life Member of Crop &Weed Science Society, BCKV.
iv. Annual Member of Indian ecological society
v. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
vi. BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow

7. Details of Books written/ Edited : Book Chapter

Dr. Minakshi Mishra

Title of the chapter	Name of the author	Title of the book	Year of publication
An Overview of Artificial Neural Networks (ANNs): Concepts and Applications	**Minakshi Mishra**, Ratan Kumar Thakur and Chandni Kumari	Advance Research Trends in Statistics and Data Science, 65-75. ISBN: 978-81-949305-4-9	2021

8. Papers published during the year:

Prof. Surinder Kumar:-

i. Kumar, S. and Chaturvedi, A.,"On a generalization of the positive exponential family of distributions and estimation of reliability characteristics", Statistica, 80(1), 57-77, 2020
ii. Chaturvedi, A. and Kumar, S., "Estimation and testing procedures for the reliability characteristics of Chen Distribution based on type II censoring and the sampling scheme of Bartholomew", Statistics, Optimization & Information Computing, 9(1), 99-122, 2021
iii. Chaturvedi, A. and Kumar, S. "Estimation procedures for the reliability functions of Kumaraswamy-G Distribution based on type II censoring and the sampling scheme of Bartholomew", Statistics in Transition-New Series., (Accepted), 2020
iv. Surinder Kumar, Vaidehi Singh and Prem Lata Gautam, "Study of disaster probability when strength follows power function distribution and stress follows Odd Generalized Exponential Gompertz distribution." Journal of Statistics Application and Probability. 9, No.3, 1-10., 2020
v. Surinder Kumar, Vaidehi Singh and Prem Lata Gautam, "Bayesian estimation for the scale parameter of a family of lifetime distribution under different priors." Thailand Statistician (Accepted) 2020
vi. Surinder Kumar, Vaidehi Singh and Prem Lata Gautam, "Inference on Positive Exponential Family of Distributive (PEFD) through transformation method", Journal of Reliability and Statistical Studies. 13, No. 2-4, 363-384,2020
vii. Surinder Kumar, Vaidehi Singh and Prem Lata Gautam,"Bayesian approach for the scale parameter of Positive Family of Distributions", Advanced Research Trends in Statistics and Data Science, MKSES Publications, 2021

Prof. Madhulika Dube:-

i. Yadav, S.K., Sharma, D.K., and Dube, M.,"A Simulation Approach to Modified Searl's Estimation of Population Mean under Two-Phase Random Sampling "Int. J. of Mathematics in Operational Research ISSN 1757-5850, 2021
ii. Yadav, S.K., Sharma, D.K., and Dube, M. "Modified exponential family for improved Searls estimation of finite population mean"International Journal of Computing Science and Mathematics (Accepted), ISSN- 1752-5063, 2021
iii. Dube. M., Singh, V. and Yadav, S.K.,"Assessment of the Regional Disparities in development of Agricultural Sector in Uttar Pradesh: A Statistical Analysis",International Journal of Agricultural Statistical Science, Vol. 16 (2), 617-624. Impact Factor 0. 196, 2020
iv. Dube, M. "Simple and multiple linear regression", Relation and Measurement in Research Editor NMP Verma Routledge (Francis and Taylor), 2020

Dr. Subhash Kumar Yadav:-

i. Subhash Kumar Yadav, Tolga Zama,"A general exponential family of estimators for population mean using auxiliary attribute',Journal of Science and Arts, 20, 1(50), 25-34. ISSN: 1844-9581., 2020
ii. Alok Kumar Shukla, Subhash Kumar Yadav,"New linear model for optimal cluster size in cluster sampling",Statistics in Transition New Series, 21, 2, 189-200.,2020
iii. Yusuf Akhter, Mushtaq Ahmed, Subhash Kumar Yadav,"Quality deprivation through quality assessment: the academic score system in Indian higher education"Academia, 20-21, 6-28. ISSN- 2241-1402.,2020
iv. SK Yadav, Shanya Baghel, Sugandha Saxena, Avinash Kumar Singh,"Estimation of Average Paddy Production of Pira Nagar Village at Barabanki District in India",Journal of Reliability

and Statistical Studies, 13, 1, 127-148. ISSN: 2229-5666.,2020

v. Prem Prakash Mishra, T Poongodi, SK Yadav, SS Mishra,"Algorithmic approach to time-cost analysis of queued commodity flowing through critical path",International Journal of Mathematics in Operational Research, 18, 2, 169-186. ISSN-1757-5869., 2021

vi. SK Yadav, Dinesh K Sharma, Shanya Baghel, "Upgraded family of estimators of population mean using known parameters of auxiliary and study variables", International Journal of Mathematical Modelling and Numerical Optimisation, ISSN-2040-3615.,2021.

Dr. Rahul Varshney:-

Haq, A., Ali, I. and Varshney, R.,"Compromise allocation problem in multivariate stratified sampling with flexible fuzzy goals",Journal of Statistical Computation and Simulation,2020, (Publication date 2020/6/12)

Dr. Amit Kumar Misra:-

i. Misra, A. K., Gupta, V. and Chanchal, R.," Inactivity Stochastic Precedence Order",Communications in Statistics-Theory and Methods, doi: 10.1080/03610926.2020.1777430

ii. 0361-0926 (Print), 1532-415X (Online), Published online, 2020

iii. Azhad, Q. J., Arshad, M. and Misra, A. K., "Estimation of Common Location Parameter of Several Heterogeneous Exponential Populations based on Generalized Order Statistics, Journal of Applied Statistics, doi: 10.1080/02664763.2020.1777395. 0266-4763 (Print), 1360-0532 (Online), Published online, 2020

iv. Chanchal, R., Gupta, V. and Misra, A. K., "Real Data Applications of Topp-Leone Generated Family of Distributions",Journal of Critical Reviews, Vol. 08, p. 823-828" ISSN- 2394-5125, 2021

DR. MINAKSHI MISHRA:-

i. Minakshi Mishra and Ratan Kumar Thakur, "Superiority of artificial neural network model over multiple linear regression model for predicting broccoli yield", International Journal of Agricultural Statistical Sciences Vol. 16 (2), 757-762. Impact Factor 0.050, 2020

ii. Minakshi Mishra and Ratan Kumar Thakur, "Comparative Study of Non-linear Growth Models for Area and Production of Sugarcane Crop in Uttar Pradesh", International Journal of Agricultural Statistical Sciences Vol. 17 (2). Impact Factor 0.050 (Accepted), 2021

9. Attended/Participated in Conferences/ Workshops inside Country:

Dr. Subhash Kumar Yadav

i. Attended Two Weeks FDP on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0" during May 18-June 03, 2020 organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.

ii. Attended One Week FDP on "Open Source Tools for Research" during June 08-June 14, 2020 organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.

Dr. Amit Kumar Misra

i. Participated in the Online Covid-19 Awareness Quiz organized by Women Empowerment Cell, Government Arts and Science College, Kanyakumari on May 17, 2020.

ii. Participated in the "Two Week FDP on Managing Online Classes and Co-creating MOOCS 2.0" held during May 18 to June 01, 2020 organized by Teaching and Learning Centre, Ramanujan College, University of Delhi.

iii. Participated in the Quiz on Covid-19 organized by M. S. College, Saharanpur on May 19, 2020.

iv. Participated in the National Webinar on "Information Literacy to Fight Epidemics" on May 22, 2020 organized by the Department of Library and Information Science, BBAU, Lucknow.

v. Participated in the Webinar on "Connecting the World with Statistics in Era of Data Science" on Oct. 20, 2020 organized by the Department of Mathematics & Statistics, Manipal University Jaipur.

Dr. Rahul Varshney

i. Participated in the "One Week Faculty Development Programme on Open Source Tools for Research" held during June 08 – June 14, 2020 organized by Teaching and Learning Centre, Ramanujan College, University of Delhi.

ii. Participated in the "Two Weeks Faculty Development Programme on Managing online classes and co-creating MOOCS:2.0" held during May 18 – June 03, 2020 organized by Teaching and Learning Centre, Ramanujan College, University of Delhi

Dr. Minakshi Mishra

Successfully completed Two week Interdisciplinary Refresher Course/ Faculty Development Programme for " Advanced Research Methodology Tools and Techniques" from 30th January, 2021- 14th February, 2021.

10. Invited Lectures inside country:-

Prof. Madhulika Dube:-

i. Speaker and Guest of Honour in International Webinar on Yoga, Ayurveda and Immunity held on July 1, 2020 and July 2, 2020 organized by Indira Gandhi University Meerpur, Rewari.

ii. Extension Lecture on "Basics of Sample, Sampling Design" in online Training Programme on "Training of Trainers on Research Methodology for Rural Development Professionals" during 29th June -1st July 2020 organized by Centre for Human Resource Development at National Institute of Rural Development & Panchayati Raj, Hyderabad.

Dr. Subhash Kumar Yadav:-

i. On "Data Based Modeling and Prediction of Covid-19 Outbreak" in National Webinar on "Covid-19: Challenges & Possibilities" on 18 May 2020 organized by Govt. Degree College Pihani, Hardoi in collaboration with Govt. Degree College Kuchlai, Sitapur.

ii. On "Impact of Covid-19 on Industrial Sector" in online National Conference on "Impact of Covid-19 on Environment & Indian Economy" during 6th & 7th June 2020 organized by Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara Rural Education Society's Arts, Commerce and Science College, Alkuti, Maharashtra.

iii. On "Linear & Multivariate Regression and Regression with dummy variable" in a Seven Day Online Faculty Development programme on 'Research Methodology' for larger benefits of the Students, Research Scholars, and faculty members, Social Scientists and other stake holders of Society, organized Netaji Subhash Chandra Bose Government Girls P.G. College, Aliganj, Lucknow during 23-29 June 2020.

iv. One Week Online Training Programme on Data Analysis Using SPSS (August 17-23, 2020) on "Parametric and Nonparametric Tests" organized by Science-Tech Institute, Lucknow.

v. Online International Workshop on Research Methodology & Data Analysis (RMDA-2020) (September 07-13, 2020) on "Data Collection, Descriptive Statistics, Inferential Statistics, Time Series and Regression Analysis" organized by Science-Tech Institute, Lucknow in

collaboration with the Global Knowledge Foundation (GKF), USA.

vi. One week online training program on advanced data analysis using SPSS (October 08-14, 2020) organized by science-tech institute (registered by govt. of up & ordinance no 8 of 2002) (Run by: Manraj Kuwar Singh educational society) Kanpur road, Sorojini Nagar, Lucknow.

vii. One Week Online Training Program on Statistical Data Analysis for Biomedical Research organized by Science Tech Institute, Lucknow from 21 December-27 December, 2020.

viii. One Week Online Training Program on Statistical Data Analysis using SPSS, organized by Science Tech Institute, Lucknow from 21st January- 27th January, 2021.

Dr. Rahul Varshney:-

i. Delivered an invited talk on "Survey Technique, Sampling and Non-Sampling Errors" at Training division, State Planning Institute, Uttar Pradesh on 04-02-2021.

ii. Delivered an invited talk on "Application of Statistics" at Training division, State Planning Institute, Uttar Pradesh on 16-02-2021.

iii. Delivered an invited talk on "Vital Statistics" at Training division, State Planning Institute, Uttar Pradesh on 16-02-2021.

iv. Delivered an invited talk on "Demography and Population Studies with special emphasis on Demographic Statistics: Theory and Practice" at Training division, State Planning Institute, Uttar Pradesh on 08-03-2021.

v. Delivered an invited talk on "Design of Sample Survey" at Training division, State Planning Institute, Uttar Pradesh on 08-03-2021.

Dr. Amit Kumar Misra:-

i. Resource person for the *Five Days Online Faculty Development Program on `DATA SCIENCE'* held at Dept. of Computer Science and Applications, Dr. Harisingh Gour University, Sagar (M.P.), during May 09-13, 2020.

ii. Resource person for the *Two Days Workshop on Sample Size Determination using G-power Software* held at Dept. of Statistics, St. John's College, Agra, during May 23-24, 2020.

iii. Resource person for the *7 Days Online Faculty Development Program on Advanced Statistical Analysis for Management and Social Sciences* held at Amity Institute of Behavioural and Allied Sciences, Amity University, Lucknow, during June 03-09, 2020.

iv. Delivered a lecture in the *Webinar on Linear Regression* organized by Dr. Shivanand Nautiyal Government P.G. College, Karanprayag, Chamoli, on June 15, 2020.

v. Resource person for the *Faculty Development Program on Role of LaTeX in Scientific Writing* held at Dept. of Mathematics, Babu Banarasi Das NIIT, Lucknow, during June 19-21, 2020.

vi. Delivered lectures in the *Advance Course of Biostatistics* organized by Institute of Applied Statistics, during July 16-17, 2020.

vii. Resource person for the *Online Workshop on 'Statistical Computing using R'* held at DST Center for Interdisciplinary Mathematical Sciences, Institute of Science, BHU, Varanasi, during Oct. 11-16, 2020.

viii. Resource person for the *Webinar on Study Design & Sample Size Determination* held at Dept. of Biostatistics and Health Informatics, SGPGI, Lucknow, during Dec. 12-13, 2020.

ix. Delivered Guest Lectures as a resource person on the topic *Stochastic Processes and Markov Analysis* for B.Tech. second year students of Computer Science Department, Hyderabad Institute of Technology and Management, Hyderabad, during Feb. 05-06, 2021.

x. Resource person for the *Workshop on "Software Packages used in Research"* held at School

of Basic Sciences and Technology, IIMT University, Meerut, during Mar. 22-26, 2021.

11. Details of International Awards:

Dr. Minakshi Mishra

S. No.	Award Title	Award theme	Place	Awarded Year
1	Women Research Award	10th International Scientist Awards on Engineering, Science and Medicine	Hyderabad, India	26th -27th September, 2020

12. Students Achievements

i. Faculty wise supervision of the Ph.D. Degree awarded:

S. No.	Name of Student	Name of Supervisor
1	Vaidehi Singh	Prof. Surinder Kumar
2	Prem lata Gautam	Prof. Surinder Kumar

ii. Faculty wise supervision of the Ph.D. Degree submitted:

S. No.	Name of Student	Name of Supervisor
1	Ruby Chanchal	Dr. Amit Kumar Misra
2	Vaishali Gupta	Dr. Amit Kumar Misra

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

S. No.	Name of Student	Name of Supervisor	Name of Co-supervisor
1	Tarushree Bari	Dr. Amit Kumar Misra	Dr. Subhash Kumar Yadav
2	Mradula	Dr. Rahul Varshney	-
3	Arun Pal	Dr. Rahul Varshney	-
4	Ravi Shanker Sharma	Dr. Rahul Varshney	-
5	Vishwajeet Singh	Dr. Subhash Kumar Yadav	Prof. Madhulika Dube
6	Ankit	Prof. Surinder Kumar	-
7	Aditi Chaturvedi	Prof. Surinder Kumar	-
8	Ratan Kumar Thakur	Dr. Minakshi Mishra	-
9	Pushpraj	Dr. Minakshi Mishra	-
10	Anuj Kumar	Dr. Minakshi Mishra	-
11	Shivendra Pratap Singh	Dr. Amit Kumar Misra	-
12	Diksha Arya	Dr. Subhash Kumar Yadav	-

vii. Accomplishments of students:

- Number of students completed their masters: 17

- Number of students selected in civil services: 02
- Number of students pursuing higher studies: 01
- Number of students selected in other government jobs/banking/school teaching etc.: 07

13. Any other special achievement recorded by the students: 01 student Qualified GATE

- 03 students qualified ISS examination

14. Details of Publications of the students (Books/Articles/Book Chapter): Book Chapter:

Title of the chapter	Name of the author	Title of the book	Year of publication
An Overview of Artificial Neural Networks (ANNs): Concepts and Applications	Minakshi Mishra, **Ratan Kumar Thakur** and Chandni Kumari	Advance Research Trends in Statistics and Data Science, 65-75. ISBN: 978-81-949305-4-9	2021

Articles:

Title of the paper	Name of the author(s)	Title of the journal	Year of publication
Superiority of artificial neural network model over multiple linear regression model for predicting broccoli yield	Minakshi Mishra and **Ratan Kumar Thakur**	International Journal of Agricultural Statistical Sciences Vol. 16 (2), 757-762. Impact Factor 0.050	2020
Comparative Study of Non-linear Growth Models for Area and Production of Sugarcane Crop in Uttar Pradesh	Minakshi Mishra and **Ratan Kumar Thakur**	International Journal of Agricultural Statistical Sciences Vol. 17 (2). Impact Factor 0.050 **(Accepted)**	2021

27. Google Profile of the faculty Members:

i. Prof. Surinder Kumar:

	All	Since 2016
Citations	89	56
h-index	4	4
i10-index	2	1

ii. Prof. Madhulika Dube:

	All	Since 2016
Citations	194	133
h-index	8	5
i10-index	8	5

iii. Dr. Subhash Kumar Yadav

	All	Since 2016
Citations	419	362
h-index	11	10
i10-index	13	11

iv. Dr. Rahul Varshney:

	All	Since 2016
Citations	242	107
h-index	7	4
i10-index	4	3

v. Dr. Amit Kumar Misra:

	All	Since 2016
Citations	135	89
h-index	6	6
i10-index	5	4

Integrated B.Sc.-M.Sc. Basic Science

The courses offered in the undergraduate programme at BBAU, Lucknow form part of a comprehensive programme that will enable the students to understand the basic laws of nature and develop necessary skills to apply them to any desired area or discipline. The program is planned as a student centric collaborative learning. Students get trained for a career in basic sciences or any related applied science or technology.

1. General Pattern:

The courses offered during the first two years (Semesters I to IV) are meant as basic and introductory courses in Biology, Chemistry, Mathematics and Physics. These are common and mandatory for all students. They include four theory courses and three lab courses from each stream. These courses are meant to give a flavor of the various approaches and analyses and to prepare the students for advanced courses in later years of study. In addition, there will be Interdisciplinary Courses for computational skills and mathematical methods as well as Trans-disciplinary Courses on Scientific Inquiry and Conceptual Inquiry.

In the third and fourth years (Semesters V-VIII), students have the freedom to choose advanced courses based on their interest and inclination. The courses offered in the first two years would help them to make an informed judgment to determine their real interest and their aptitude for a given subject. The fifth year will be devoted to a thesis by research, which completes the requirements of the program.

2. Credits and Coursework:

240 Credits are to be studied by the student during the entire programme.

3. Faculty:

Prof. Rajesh Kumar-

i. Rastogi S, Kumar R. (2021). Statistical optimization of biosurfactant production using waste biomaterial and biosorption of Pb^{2+} under concomitant submerged fermentation. J Environ Manage. 2021 Oct 1;295:113158. doi: 10.1016/j.jenvman.2021.113158. Epub 2021 Jun 29. PMID: 34214793. (**IF: 6.789)**

ii. Rastogi S, Tiwari S, Ratna S and Kumar R. (2021). Utilization of agro-industrial waste for biosurfactant production under submerged fermentation and its synergistic application in biosorption of $Pb2^{+}$. Bioresource Technol Reports. Vol 15. https://doi.org/10.1016/j.biteb.2021.100706. (**(IF: 3.80).**

iii. Ratna S, Rastogi S and Kumar R (2021). Current trends for distillery wastewater management and its emerging application for sustainable environment. Journal of Environmental Management, Vol 290, 112544. ISSN 0301-4797. https://DOI.ORG/10.1016/J.JENVMAN.2021.112544. (**IF: 6.789).**

iv. Ambust, S., Das, A. J., & Kumar, R. (2021). Bioremediation of petroleum contaminated soil through biosurfactant and Pseudomonas sp. SA3 amended design treatments. *Current Research in Microbial Sciences*, *2*, 100031.https://doi.org/10.1016/j.crmicr.2021.100031.

v. Das, A. J., Ambust, S., Singh, T., & Kumar, R. (2021). Biosurfactant assisted design treatments for remediation of petroleum contaminated soil and metabolomics based interactive study with Brassica nigra L. *Environmental Challenges*, *4*, 100080.https://doi.org/10.1016/j.envc.2021.100080

vi. Kumar A, Rajak PK, Singh AL, **Kumar R**, Singh KN and Singh PK (2020). Comparative investigation of bio-beneficiation of Kasnau-Matasukh lignite using native microorganisms. *International Journal of Coal Preparation and Utilization*. GCOP #1822824 VOL 00, ISS 00, Taylor & Francis **(I.F.: 2.180).**

vii. Shastri, B., Kumar, R. & Lal, R.J. (2020). Isolation and identification of antifungal metabolite producing endophytic *Bacillus subtilis (S17)* and its *in vitro* effect on *Colletotichum falcatum* causing red rot in sugarcane. *Vegetos e-ISSN 2229-4473 doi 10.1007/s42535-020-00133-6.* **.(IF: 0.10; NAAS Rating:NA).**

viii. Shastri, B., Kumar, R. & Lal, R.J. (2020). Isolation, Characterization and Identification of Indigenous Endophytic Bacteria Exhibiting PGP and Antifungal Traits from the Internal Tissue of Sugarcane Crop. *Sugar Tech* (2020). https://doi.org/10.1007/s12355-020-00824-z. **.(IF: 1.14; NAAS Rating: 6.81).**

ix. R. Venkatesh Kumar, Devika Srivastava, Vandana Singh, Umesh Kumar, Vijay Kumar Vishvakarma, Prashant Singh, Dinesh Kumar & Rajesh Kumar (2020). Characterization, biological evaluation and molecular docking of mulberry fruit pectin. *Scientific Reports Nature* , Dec 2020. Doi: 10.1038/s41598-020-78086-8. **(IF: 4.379).**

Book Chapter

i. Rastogi S and Kumar Rajesh (2020). Remediation of heavy metals using non-conventional adsorbents and biosurfactant producing bacteria. In Environmental Degradation: Causes and Remediation Strategies, DOI: 10.26832/aesa-2020-edcrs-010

ii. Rastogi, S., Ratna, S., Said, O. B., & Kumar, R. (2021). Physiological and molecular aspects of retrieving environmental stress in plants by microbial interactions. In *Microbes and Signaling Biomolecules Against Plant Stress* (pp. 107-125). Springer, Singapore.

iii. Ratna, S., Rastogi, S., & Kumar, R. (2021). Phytoremediation: a synergistic interaction between plants and microbes for removal of unwanted chemicals/contaminants. In *Microbes and Signaling Biomolecules Against Plant Stress* (pp. 199-222). Springer, Singapore.

iv. Das, A. J., Ambust, S., & Kumar, R. (2020). Management of Petroleum Industry Waste Through Biosurfactant-Producing Bacteria: A Step Toward Sustainable Environment. In *Bioremediation of Industrial Waste for Environmental Safety* (pp. 169-180). Springer, Singapore.

Professional Societies Membership

i. Life Member of Association of Microbiologists of India. Membership No.1224-1998

ii. Life Member, Indian Science Congress, Membership No. L23732, Agriculture and Forestry Sciences.

iii. Life Member, Asean PGPR Society, ICRISAT Patancheru, Hyderabad

iv. Life Member, Microbiologists Society, India, Membership No LM-284, September, 2019

Resource persons/Guest Faculty Publications

i. Upadhyay, A., Singh, R., Singh, D. Vijay, Singh, L., & Singh, D. (2021). Microalgal consortia technology: A novel and sustainable approach of resource reutilization, waste management and lipid production. *Environmental Technology & Innovation, 23*, . doi: 10.1016/j.eti.2021.101600.

ii. Singh BP, **Sikarwar S**, Misra AK, Tripathi PK, Srivastava AK, Sah M, Manohar R and Pandey KK (2021). Enhanced Electro-optical Properties of Low Viscous Nematic Liquid Crystal Doped with Mixed Phase Anatase/Rutile TiO_2 Nanoparticles for Display Applications. World J. App. Chem. 6(3) (2021) 25-35.

iii. Singh BP, **Sikarwar S**, Agrahari K, Misra AK, Tripathi S, Gangwar RK, Manohar R and Pandey KK (2021). Electro-optical characterization of a weakly polar liquid crystalline compound influenced polyvinyl pyrrolidone capped gold nanoparticles. Journal of Molecular Liquids 325 (2021) 115172. DOI: 10.1016/j.molliq.2020.115172. ISSN 0167-7322

Book Chapter

Singh R., Upadhyay A.K., Singh D.P. (2021) UV-B Coupled Lipid Induction: A Strategy Towards Economical Biofuel Production Through Algae. In: Mandotra S.K., Upadhyay A.K., Ahluwalia A.S. (eds) Algae. Springer, Singapore. https://doi.org/10.1007/978-981-15-7518-1_12.

4. Visitors to the Department (Within the Country):

i. Prof R.M.Naik
Ex-Professor, Department of Chemistry
Lucknow University
LUCKNOW, UP, India

ii. Prof R.R. Yadav
Professor, Department of Maths and Astronomy
Lucknow University
LUCKNOW, UP, India

iii. Prof. O.P.Singh
Professor, Department of Physics
Institute of Engineering and Technology (IET)
Lucknow

iv. Prof Pankaj Mathur
Professor, Department of Maths and Astronomy
Lucknow University
LUCKNOW, UP, India

v. Dr.Alok Kalra
Ex-Director
Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)
Kukrail Picnic Spot Road, LUCKNOW

vi. Dr R.D.Tripathi
Emeritus Scientist
National Botanical Research Institute (CSIR-NBRI)
Lucknow

vii. Prof. P.K.Rath
Ex-Professor, Department of Physics
Lucknow University
LUCKNOW, UP, India

viii. Prof P.P.Gothwal
Senior Principal Scientist and Head
Regional Station, Chinhat
Central Food Technological Research Institute (CSIR-CFTRI) Lucknow

5. National Award and Fellowship

i. Astha Priyadarshini, (2020-2025) IIIrd Semester student awarded DST-INSPIRE Fellowship in the academic year 2020-2021.

ii. Lokesh Mishra (2020-2025) IIIrd Semester student awarded DST-INSPIRE Fellowship in the academic year 2020-2021.

6. Students Achievements

i. Farhin Naheed of batch 2015-2020 awarded Ist rank gold medal.

ii. 7. Students Completed their Master's in basic Science

iii. Five students completed their master's degree in Basic Science

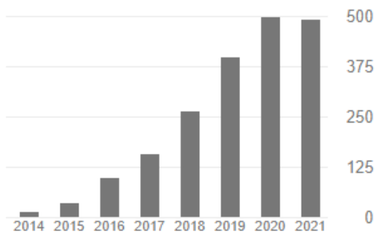
7. Students pursuing higher studies

- Two

8. Google Profile of the Faculty

Cited by

	All	Since 2016
Citations	1990	1909
h-index	15	15
i10-index	21	20



School of Performing Arts

Department of Music

Music is a more potent instrument than any other for education because rhythm and harmony find their way into the inward places of the soul.:-

Plato Music connects us tour inner soul and brings us close to our inner self. Music is an art which is mediating as well as creative together. In today's education, seeds of creativity are most important in students' way of thinking. Music education help students to be more creative and constructive. The history of music education in India may be dated back to the ancient period when all education was imparted in Gurukuls and Ashrams of great Saints and Rishi-Munis. The modern institutionalization system in the graded, time-bound structure was ushered in by the British rulers from the mid-nineteenth century. The vision of the Department of Music; Babasaheb Bhimrao Ambedkar University, Lucknow is firmly rooted in the belief that music is a natural artistic expression of all humanity. With this, we seek to foster a society that values music both as part of universal education and as an essential expression of the human experience and spirit. Keeping this vision in mind, the University had established the Department of Music in 2020 and is keen to start different music courses that will serve the community as a resource in the discipline of music to generate creative learning pedagogy in the field of music.

Objectives of the Programme

i. Facilitate and promote the overall development of the personality of the students.
ii. Sensitize the youth about the country's cultural diversity and rich heritage and thus inculcate respect for and pride in it.
iii. To make students aware and recognition of the local art forms.
iv. To make students aware of the primary music forms of India

School of Sanskrit & Indic Studies

Department of Sanskrit and Indic Studies

The School of Sanskrit and Indic Studies is newly started in Babasaheb Bhimrao Ambedkar University, having 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 "Sanskrit Sahitya, Vyakaran in Veda,". 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 only 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.

The Department with the following goals-

i. Negotiate between, and bring together, through interactive projects, the traditional scholars /scholarships and the mainstream University scholars/scholarship.
ii. Undertake maintenance and preservation of heritage texts and manuscripts.
iii. Constitute and expound theoretical framework from the primary intellectual texts of the Sanskrit tradition , and
iv. Extend and validate the classical theories by applying them both to contemporary Indian reality (modern Indian Languages, Literature, etc.)
v. 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),
vi. 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.
vii. 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.

School of Yoga, Naturopathy and Cognitive Studies

Department of Yoga

Yoga is an invaluable gift of ancient Indian tradition. It is a physical, mental and spiritual practice or discipline which originated in ancient India based on an extremely subtle science which focuses on bringing harmony between mind; body; thought and action. Keeping in view the importance of Yoga, Babasaheb Bhimrao Ambedkar University, Lucknow had established a Yoga Department in 2020. The university has planned to start different yoga courses to strengthen the Yoga Education in the country at large, and in the university at particular. With these courses, the university wants to attract more and more students towards yoga education to better and strengthen society. Through these course, the university wants to increase awareness and knowledge about Yoga; improve the research for more advancement in Yoga, and generate learning pedagogy in Yoga to promote its practices in day to day life.

Details of the programmes offered:

Certificate Course in Yoga INTAKE: 50 students

i. Title of the Programme: "Certificate Course in Yoga"(CPY)

ii. Objectives of the programme-

- 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

iii. Duration of the course:

The duration of the CPY course will be SIX months (1 semester).

iv. Eligibility of the candidate seeking admission: The candidate should have completed 12th Standard from a recognized board or equivalent.

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 five branches; Electrical Engineering, Mechanical & Automobile Engineering, Computer Engineering, Civil Engineering, Electronic and Communication. The UIET organizes various programmes such as special lectures, Seminars Workshops and Stage programs on various occasions. The UIET also organizes expert lectures of eminent personalities from academics and industries time to time. The UIET has also allotted some projects to the students which are currently ongoing. The UIET is an innovative and vibrant place of learning, where students pursue their educational interests in order to lead the next generation in transforming the disciplines, and their professional growth.

The B.Tech. program apart from covering the fundamental courses, imbibes all traditional aspects. Laboratory facilities include the Laboratories and measuring instruments, EMEC and Network Lab and Matlab and p-spice software based programs etc. The future plan of the UIET is to impart research work in the emerging areas of engineering and technology. The UIET also aspires to introduce post graduation level courses in the future.

S.No.	Name of Department	Course Offered	Duration
1	Department of Civil Engineering	B.Tech	04 Years
2	Department of Computer Engineering	B.Tech	04 Years
3	Department of Electrical Engineering	B.Tech	04 Years
4	Department of Electronics & Communication	B.Tech	04 Years
5	Department of Mechanical & Automobile Engineering	B.Tech	04 Years

Department of Civil Engineering

The Department of Civil 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 Civil 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 Civil Engineering. The aim of the Department is to deliver top class education blending the rich classroom teaching 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 development of civil infrastructure and betterment of local and global environment.

1. Course Offered:

B.Tech. Civil Engineering

2. Facilities available in the department:

- 04 Lecture Hall,
- 02 Civil Engineering Laboratories

3. Student achievements:

Accomplishments of students:

- Number of students completed their Graduation: 23

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

1. Course Offered:

B.Tech. Computer Engineering

2. Facilities available in the department:

- Lab, Classroom,
- Washroom(Male, Female),
- Water Cooler

3. Student Achievements:

Accomplishment of students:

- Number of students completed their Graduation: 21

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.

1. Course Offered:

- B.Tech. Electrical Engineering

2. Facilities available in the department:

- 2 Laboratories,
- 4 Lecture Halls,
- 2 Washrooms(Both male and female),
- 3 Water Coolers.

3. Student achievements:

Accomplishments of students:

- Number of students completed their Graduation: 20

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.

1. Course Offered:

- B.Tech Electronics & Communication Engineering

2. Facilities available in the Department:

- 1 Lab,
- 4 Classrooms,
- 2 Washrooms (Both male and female)
- 3 Water Coolers.

3. Details of faculty:

Head of Department

Prof. B. C. Yadav

Department of Physics
Babasaheb Bhimrao Ambedkar University
Lucknow-226025 U.P. India

Coordinator of Department

Dr. Pawan Kumar Chaurasia

Department of Information Technology
Babasaheb Bhimrao Ambedkar University
Lucknow-226025 U.P. India

4. Member of Editorial Board:

Prof. B.C. Yadav

i. American Journal of Optics and Photonics, Science Publishing Group, USA.

ii. Lucknow Journal of Science, **Print ISSN:** 0974-8121, **Online ISSN:** 0974-813X, **Publisher:** Lucknow University Teacher's Academic Publication Society.

iii. International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347-2189, E-ISSN 2347-4971.

iv. International Journal of Sensors and Sensor Networks, Science PG

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

Dr. Pawan Kumar Chaurasia

Book Editor, Emerging Trends in Information Technology, ISBN 9789352130269, Shroff Publishers & Distributors Pvt. Ltd (SPD), Mumbai.

6. Details of Book Chapter in edited volume:

Dr. Pawan Kumar Chaurasia

Pawan Kumar Chaurasia, R A Khan (2019): "Improving Reliability of Object Oriented Design",Verlag/Publisher, Scholar Press Deutschland, GERMANY(ISBN: 978-613-8-52436-6).

7. Paper Published during the year by the faculty members

Prof. B.C. Yadav

Tittle	Cited By	Year
A review on the polymers with shape memory assisted self-healing properties for triboelectric nanogenerators GI Dzhardimalieva, BC Yadav, IE Uflyand, CMO González, BI Kharisov, ... Journal of Materials Research, 1-16		2021
In Situ Prepared Solar Light-Driven Flexible Actuated Carbon Cloth-Based Nanorod Photocatalyst for Selective Radical–Radical Coupling to Vinyl Sulfides C Singh, RK Yadav, TW Kim, PP Upare, AK Gupta, AP Singh, BC Yadav, ... Photochemistry and Photobiology		2021
Hierarchical flower-like Bi2SiO5/MWCNT nanocomposites for highly sensitive LPG sensor at room temperature T Haldar, U Kumar, BC Yadav, VVRK Kumar Journal of Alloys and Compounds 856, 158157		2021
Anthracene-based g-C3N4 photocatalyst for regeneration of NAD (P) H and sulfide oxidation based on Z-scheme nature C Singh, TW Kim, RK Yadav, K Kumar, BC Yadav International Journal of Energy Research, 1-10	1	2021
Structural, optical and LPG sensing properties of zinc-doped nickel oxide pellets operated at room temperature P Gupta, NK Pandey, K Kumar, BC Yadav Sensors and Actuators A: Physical 319, 112484	3	2021
Synthesis and structural characterizations of HAp–NaOH–Al_2O_3 composites for liquid petroleum gas sensing applications SK Avinashi, A Hussain, K Kumar, BC Yadav, C Gautam Oxford Open Materials Science 1 (1), itab006		2021
Synthesis of TiO2 nanorods using wet chemical method and their photovoltaic and humidity sensing applications N Chaurasiya, U Kumar, S Sikarwar, BC Yadav, PK Yadawa Sensors International 2, 100095		2021

Ultra-sensitive behaviour of ruthenium-doped nickel ferrite thin film humidity sensor V Manikandan, S Sikarwar, BC Yadav, S Vigneselvan, RS Mane, ... Journal of Experimental Nanoscience 16 (1), 44-51	1	2021
The functionalization of polyacrylamide with MoS 2 nanoflakes for use in transient photodetectors A Verma, P Chaudhary, RK Tripathi, BC Yadav Sustainable Energy & Fuels 5 (5), 1394-1405		2021
Study of variable range hopping conduction mechanism in nanocrystalline carbon thin films deposited by modified anodic jet carbon arc technique: application to light-dependent … BCY Ravi Kant Tripathi, O. S. Panwar, Ishpal Rawal, C. K. Dixit, Arpit Verma ... Journal of Materials Science: Materials in Electronics, 1-12	1*	2021
Polymer chemistry underpinning materials for triboelectric nanogenerators (TENGs): recent trends GI Dzhardimalieva, BC Yadav, VL Tat'yana, IE Uflyand European Polymer Journal, 110163	1	2021
Effect of direct–current biasing on the adjustable radio-frequency negative permittivity characteristics of Bi2SiO5/multiwall carbon nanotube metacomposites T Haldar, U Kumar, BC Yadav, VVRK Kumar Ceramics International 47 (1), 1389-1398		2021
Ultrafast responsive humidity sensor based on roasted gram derived carbon quantum dots: Experimental and theoretical study P Chaudhary, DK Maurya, S Yadav, A Pandey, RK Tripathi, BC Yadav Sensors and Actuators B: Chemical 2020, 129116-26	2	2020
Basic Approaches to the Design of Intrinsic Self-Healing Polymers for Triboelectric Nanogenerators GI Dzhardimalieva, BC Yadav, SE Kudaibergenov, IE Uflyand Polymers 12 (11), 2594		2020
Development of an impedance-based electrical humidity sensor using Sb-doped Ge-Se-Te chalcogenide glasses S Mishra, P Lohia, P Chaudhary, BC Yadav, DK Dwivedi Journal of Electronic Materials 49 (11), 6492-6500	5	2020
Fabrication of leaf shaped SnO2 nanoparticles via sol–gel route and its application for the optoelectronic humidity sensor P Kumar, S Khadtare, J Park, BC Yadav Materials Letters 278, 128451	4	2020
Non-functionalized Au nanoparticles can act as high-performing humidity sensor N Yadav, P Chaudhary, KK Dey, S Yadav, BC Yadav, RR Yadav Journal of Materials Science: Materials in Electronics 31 (20), 17843-17854	1	2020
Nanostructured cobalt antimonate: A fast responding and highly stable sensor material for liquefied petroleum gas detection at room temperature PT S. Singh, A. Singh, A.Singh, S. Rathore, B.C. Yadav RSC Advances 33770 (10), 33770-33781		2020
Ion beam engineering in WO3-PEDOT: PSS hybrid nanocomposite thin films for gas sensing measurement at room temperature J Ram, RG Singh, F Singh, V Chauhan, D Gupta, V Kumar, U Kumar, ... Inorganic Chemistry Communications 119, 108000	3	2020

Healable, highly sensitive LPG sensor based on Ni0.4Zn0.6Fe2O4 nanohybrid grown by autocombustion process BCY A. Bhaduri, S. Singh, R. K.Tripathi, U. Kumar, K. B.Thapa Sensor Actuators B: Chemical 327, 12884	6*	2020
Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges R Kothari, A Vathistha, HM Singh, VV Pathak, VV Tyagi, BC Yadav, ... Environmental Technology & Innovation, 101078	5	2020
Synthesis of MWCNT/PPY nanocomposite using oxidation polymerization method and its employment in sensing such as CO2 and humidity U Kumar, BC Yadav, T Haldar, CK Dixit, PK Yadawa Journal of the Taiwan Institute of Chemical Engineers 113, 419-427	2	2020
Tunable negative permittivity of Bi2O3–SiO2/MWCNT glass-nanocomposites at radio frequency region VVRKK Toton Haldar, Utkarsh Kumar, B. C. Yadav Journal of Materials Science: Materials in Electronics 3731, 1-10	5*	2020
The beauty inhabited inside the modified Graphene for moisture detection at different frequencies BCY K. Kumar, A. Singh, U. Kumar, R K Tripathi Journal of Materials Science: Materials in Electronics, 10	7*	2020
The synthesis of a Cu 0.8 Zn 0.2 Sb 2–polyacrylamide nanocomposite by frontal polymerization for moisture and photodetection performance P Chaudhary, DK Maurya, RK Tripathi, BC Yadav, ND Golubeva, ... Materials Advances 1 (8), 2804-2817	1	2020
Nanostructured cobalt antimonate: A fast responsive and highly stable sensing material for liquefied petroleum gas detection at room temperature S Singh, A Singh, A Singh, S Rathore, BC Yadav, P Tandon RSC Advances 10 (56), 33770-33781	2	2020
Study of humidity sensing properties and ion beam induced modifications in SnO2-TiO2 nanocomposite thin films ISRK Vikas Kumar, Vishnu Chauhan, Jagjeevan Ram, Rashi Gupta, Shalendra ... Surface and Coating Technology, 125768	11	2020
The rapid response and high sensitivity of a ruthenium-doped copper ferrite thin film (Ru–CuFe2O4) sensor AVJC V. Manikandan, Ali Mirzaei, S. Sikarwar, B. C. Yadav, S. Vigneselvan RSC Advances 10, 13611-13615	1	2020
Self-healing and shape memory metallopolymers: state-of-the-art and future perspectives GI Dzhardimalieva, BC Yadav, S Singh, IE Uflyand Dalton Transactions 49 (10), 3042-3087	20	2020
Self-assembled carbon nitride/cobalt (III) porphyrin photocatalyst for mimicking natural photosynthesis U Chandani Singh, Surabhi Chaubey, Pooja Singh, Kavita Sharma, Shambhavi ... Diamond & Related Materials 101 (220), 107648-53	6	2020
Fabrication of nanostructured lead-free bismuth sodium titanatethin film and its liquefied petroleum gas sensing MK Monika Singh, B.C. Yadav, Utkarsh Kumar, Ashok Ranjan, Richa Srivastava Sensor Actuators A: Physical 301, 111765	6	2020

8. Attended/ Participated in conference/ seminar/ workshop inside country-

03

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

01

10. Details of invited inside the country:

02

11. Details of invited lecture outside the country:

03

12. Details of Research Projects:

02

13. Student achievements:

Accomplishments of students:

- Number of students completed their Graduation: 20

14. Google profile of the faculty:

i. Prof. B.C. Yadav

	All	Since 2016
Citations	4202	3138
h-index	34	31
i10-index	110	95

ii. Dr. Pawan Kumar Chaurasia

All Since	2016	
Citations	76	52
h-index	6	4
i10- index	0	0

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.

1. Course Offered:

i. B.Tech Mechanical
ii. Automobile Engineering

2. Facilities available in the department:

i. Workshop Lab
ii. Classes

3. Student achievements:

Accomplishments of students:

- Number of students completed their Graduation: **17**

BBAU Satellite Centre, Amethi

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. Presently in this campus there are running three departments. Following mention detail of departments:-

Department of Information Technology

The Department of Information Technology is an active and vibrant teaching and research centre with its focus strongly on obtaining the best possible career outcomes for its graduates. In an industry as dynamic as IT, students are placed at the forefront of modern technologies. La Trobe's facilities are class-leading with many open 24/7. In addition, specialist labs offer hands-on experience with networking technology and software development through collaborations with Microsoft and CISCO.

A promising IT career starts with a firm foundation, coupled with the opportunities provided by strong industry linkages and research expertise, studying at La Trobe is the gateway to a successful career.

Information Technology department – 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.

1. No of Course

- B.Sc. IT

2. Facilities available

- Computer Lab

3. Detail of Faculty

Dr. Neeraj Kumar Tiwari

- Assistant Professor

Department of Computer Science

The Department of Computer Science is an active and vibrant teaching and research centre with its focus strongly on obtaining the best possible career outcomes for its graduates. In an industry as dynamic as CS, students are placed at the forefront of modern technologies. La Trobe's facilities are class-leading with many open 24/7. In addition, specialist labs offer hands-on experience with networking technology and software development through collaborations with Microsoft and CISCO.

A promising CS career starts with a firm foundation, coupled with the opportunities provided by strong industry linkages and research expertise, studying at La Trobe is the gateway to a successful career.

1. No. of Course

- BCA

2. Facilities available

- Computer Lab

Computer Science department – 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 Computer Science. 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.

3. Detail of Faculty

Dr. Babita Pandey

- Assistant Professor & Coordinator
- **Education:** BSc., MCA, Ph.D.

Department of History

The Department of History, Political Science, public Administration, Sociology started functioning From the Academic Session 2016-17 at the newly established BBAU Satellite Centre, Amethi.

Description of Department

This department runs one course – Integrated BA & MA. in Social Sciences Presently the department has 3 batches in Integrated BA & MA. The subject offered in MA at BBAU –Satellite centre is History.

1. Course offered-

i. B.A. (Optional – History, Political Science, Public Administration, Economics, Sociology, English)
ii. Integrated B.A.& M.A. History in Social Science

2. Facilities Available

i. Class Room
ii. Central Library
iii. Canteen
iv. Reading room
v. Photocopy/ Xerox facility
vi. Auditorium (Common for campus)
vii. Computer & internet facility at central library

3. Details of Academic Activities

i. Independence Day 15 August 2020.
ii. Republic Day 26 January 2021

4. Detail of Faculty

Dr. Sushil Kumar Pandey

- Assistant Professor, Coordinator Department of History, Public Administration
- Qualification:- NET Ph.D (History)

5. Students Achievements

- Our Student regularly performs well in End semester examination. Some are also pursing higher Studies either from BBAU Main Centre or from other reputed Universities in India. Few of them are self-employed.

Department of Commerce

The Department of Commerce started functioning from the academic year 2020-21. Initially it was part of Department of Social Science & Commerce established in academic year2016-17at the newly established BBAU Satellite Centre, Amethi. This department functions under the School of Management & Commerce; and is attached to the Department of Commerce in BBAU main campus.The Department is headed by Prof. M S Khan. Dr. Leena Sharad Shimpi is the coordinator of the department at satellite centre.

Description of Department

This department runs one course Bachelor of Commerce (B. Com.) which is a 3 years (6 semesters) course. On completion of the course students are awarded Bachelor of Commerce Degree. The department has twice revised & upgraded the syllabus to incorporate latest developments in the field of commerce & trade.

1. Number of Course

- Bachelor of Commerce (B. Com.)- 3 years (6 semester) course

2. Courses Proposed –

Master of Commerce (M. Com.) -2years (4 semester) course

3. Facilities Available

i. Class Room
ii. Central Library
iii. Canteen
iv. Reading room
v. Photocopy/Xerox facility
vi. Auditorium(Common for campus)
vii. Computer & internet facility at central library

4. Details of Academic Activities

i. Participated in online Quiz organized by the department.
ii. Participated in students Webinar organized by the department.
iii. Participated in various competitions organized by Gender Committee of BBAU like Poster Making; Essay Writing, etc.
iv. Independence Day 15 August2020.
v. Republic Day 26 January 2021

5. Detail of Faculty

CMA (Dr.) Leena Sharad Shimpi

- Associate Professor
- **Qualification:-**CMA; Ph. D; M.Com; MBA (F); UGC-NET
- **Teaching Experience –** 17 years; Research Experience – 15 years

6. Details of Students Achievements:

i. Score good grades
ii. Hold Good track record
iii. Pursuing higher education – M Com; MBA
iv. Some are preparing for Competitive exams
v. Few are employed either in Private sector or in Govt. / Semi-Govt. sector
vi. Few are self- employed

7. Any Other Information-

The students of the department individually participated in social activities like distribution of mask, medicines and food packets during the COVID 19 Pandemic period.

Department of Food Science & Nutrition

Food and Nutrition Department helps archiving overall health status and development of the community, also 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 for develop baked products to the community 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 innovations tools and techniques used in nutritional sciences like High Pressure, Sterilization, Eradication, Ultra sonification, Ohmic processing which extent self life and maintain the sensory and nutritive properties of food.

1. Number of Course:-

- B.Sc. (Food Science and Nutrition)

2. Facilities available in the department:

i. Microbiology Lab
ii. Food science Lab
iii. Bakery Lab
iv. Smart Classroom
v. Library
vi. Conducive environment for dynamic and focused studies

3. Details of Faculty:

Mrs. Komal Singh

- Assistant Professor
- Qualification: B.Sc. B.Ed, M.Sc. M. Ed., Pursuing Ph.D.

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:

i.	Prof. Shilpi Verma (DLIS)	Chairperson
ii.	Dr. Sufia Ahmad (DL)	Member
iii.	Dr. Taruna (DRM)	Member
iv.	Dr. Preeti Gupta (DC)	Member
v.	Dr. K. Sharmila (HDFS)	Member
vi.	Dr.Sapna Kuahwaha (DPh)	Member
vii.	Dr. Manjari Raj Oraon (DPS)	Member
viii.	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:-

i.	Prof. Shilpi Verma (DLIS)	Chairperson
ii.	Prof. Jaya Srivastava (DS)	Member
iii.	Prof. U.V. Kiran (HDFS)	Member
iv.	Dr. Sandhya (DZ)	Member
v.	Dr. Namita Jaisal (DH)	Member
vi.	Dr.Subhash Mishra (DE)	Member
vii.	Dr. Vinit Kumar (DLIS)	Member
viii.	Dr. Rachana Gangwar (DMCJ)	Member & Convener

The Gender Champions of the university are as follows:

Year 2019-20

i. Ms. Rohini Dahiya (Deptt. of Political Science)

ii. Ms. Poorvi (Deptt. of Library & Information Science)

iii. Mr. Abhishek Agnihotri (Deptt. of Human Right)

Year 2020-21

i. Mr. Anurag Sharma (Deptt. of Education),

ii. 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 2020-2021:

Awareness Campaign at office of BDO, Sarojini Nagar for pradhans of 5 adopted villages reg. Covid-19 problems and its impact on people on 26th April 2020.

i. National Webinar on "Voices of Gender Equality in India's Intellectual Tradition" organized on 15th June 2020 organized by Committee of Basic Facilities for Women. Patron of the webinar was Prof. Sanjay Singh, VC, BBAU and Chief Guest was Prof. Chandrakala Padia.

ii. Online Competition of Swa rachit Kavita lekhan and Essay Competition on the topic "Corona yodao ke rup mein mahiloa ki bhoomika" and "Online shiksha mein chatrao ki bhagidari" was organized by Gender Champions Committee, BBAU on 23rd June 2020 in online mode.

iii. On the Occasion of International Girl Child Day Organised Poster Competition was organised on 11/10/2020 by CBFW, BBAU.

iv. Poster Competition under Mission Shakti (17th to 25th Oct. 2020) on the topic of "Women's Safety, Dignity and Empowerment."

v. Online Webinar was conducted on 22nd Oct. 2020 on the topic Þukjh शक्ति, राष्ट्र उन्नति". Nodal Officer of Mission Shakti, Ms. Renuka Mishra, ADG was Chief Guest of the event.

vi. National Webinar was conducted on 13th Nov. 2020 on the topic "लाइटिंग द लोडः फिजियोलोजिकल रेसिलिएन्स एंड इमोशन वेलबींग ऑफ वीमेन" The main speaker was Mrs. Neha Anand, Director, Bodhi Tree.

vii. Mission Shakti phase-II, Swa-rachit Kavita Lekhan was organised on 17th Nov. 2020 on the topic of श्महिला अधिकारश

viii. National Webinar on "Preventing, Combating and Responding to Gender Based Violence" was conducted on 20th January, 2021. The Patron of the seminar was Prof. Sanjay Singh, VC, BBAU, Chief Guest was Prof. Sheela Mishra and Guest of Honour Prof. Tuhina Verma.

ix. On the Occasion of International Women's Day under the joint aegis of the Committee of Basic Facilities for Women, Unnat Bharat Abhiyan, Gender Champion Committee and NCC unit organised One Day Skill Development Training Program by Babasaheb Bhimrao Ambedkar University, Lucknow on 8th March 2021, International Women's Day at office of BDO, Sarojini Nagar. The women farmers from five adopted villages of the University participated in it. The event was organised on the topic Corona period and self reliant India. 30 no. of women farmers get information related to opportunities in agriculture and other products made from it. The benefirs of organic farming and techniques of making organic fertilizers were briefed to them.

x. A Webinar on the topic "Bharateey Swatantra Sangram: Chintan Evam Prerna (Indian Freedom Struggle: Thinking and Inspiration)" was organized 12th March 2021, on the occasion of inauguration of "Azadi Ka Amrit Mahotsav" at Babasaheb Bhimrao Ambedkar University, Lucknow. The webinar was organized under the joint aegis of the Committee for

Basic Facilities for Women, Unnat Bharat Abhiyan Cell, Gender Champion Committee and NCC Unit. Prof. T. P. Singh, BHU, Varanasi was Chief Guest and speaker of the programme.

xi. The committee of Basic facilities for women and Gender Champions committee always tries to communicate with students and disseminate information through awareness programme for women and children, the issues on education, health and hygiene, gender violence, child labour etc. The committee also frequently visits 5 adopted villages by university and slum area near by locality. In the Pandemic various competitions and webinars were organised in online mode to reach to the masses and society at a large.

Gautam Buddha 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 knowledge and information.

The Library is governed by LAC (Library Advisory Committee). The LAC is an apex policymaking body which functions under the chairmanship of Vice-Chancellor. Presently, followings are the member of LAC:

i. Hon'ble Vice-Chancellor or his/her Nominee- Chairman
ii. Prof. Arbind Kumar Jha - Member as a Dean
iii. Prof. Shubhini A. Saraf - Member as a Head
iv. Prof. K.L. Mahawar - Member as a Neither Head nor Dean
v. Prof. S. Victor Babu - Member as a Faculty
vi. Prof. Preeti Saxena - Member as a Faculty
vii. Librarian IIM Lucknow or SGPGI - Member Special Invitee
viii. Mr. Samarth Shukla, Student Nominee (Ph.D. Scholar Dept. of Economics)
ix. 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 240 days for the users'. The seating capacity of the Library is more than 300 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' 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 60480 documents and it provides access to 7820 full-text online journals & 1657

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.

2. Opening Hours:

The Library remains open on each working day from 8:00 AM To 8:00 PM for its readers. On Saturday and Sunday (during exam period), it opens from 9:30 AM to 6:00 PM. The reading rooms of the Library open from 8:00 AM to 11:00 PM and during examination period it opens 18 hours in a day. During COVID-19, the Library was opened as per the guidelines of Government of India and Uttar Pradesh State Government.

3. Sections of the Library:

i. 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 2020-21, the section has acquired 2816 documents. The total collection available in the Library is 60480 books/ 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 and Pearson.

Table 1: Books purchased during 2020-21

S. No.	Items	Total
1	Total Number of Books/collection in the Library as on 31/03/2021	60480
2	Books Purchased	2816
3	E-Books purchased on perpetual access	1657
4	खरीदी गयी हन्दिी पुस्तकों की संख्या	115
5	Books Received by Donations (Gratis)	87

ii. Procedure for Purchasing of Book:

a. **The following procedure has been adopted for procurement of books for the Library.**

b. **Through Recommendation**: Book recommendation forms 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 are required for purchasing of books.

c. **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, departments complete recommendation formalities for purchasing of the selected books.

d. **Empanelment of Vendors:** The Library empanels vendors for every two years on certain terms and conditions. The recommended books are purchased form empanelled vendors.

iii. 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. During the year the section has been processed 2816 documents. WorldCat of OCLC has also been used for classification and cataloguing of the documents. Further these documents have also been processed by RFID tagging and pasting of EM strips for issue-return through self-check-in/check-out kiosk. The Library has been participated in IndCat union catalogue project of INFLIBNET and submitted the bibliographic records of GBL catalogue to the IndCat.

iv. Circulation section:

The section provides membership to the students, faculties and other staffs of the

University. The books are issued from circulation section to the library users according to their privileges (Table-3) on all working days. The section has enrolled/renewed 3426 members of the Library in the year 2020-21. The details of membership are mentioned in Table-2. The books issued and consulted are mentioned in Table-4.

Table 2: Membership of the Library

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	695	381	1076
2	P.G. Students	868	738	1606
3	Ph.D. Scholars	257	204	461
4	M. Phil Scholars	30	20	50
5	Faculty	108	41	149
6	Non-Teaching	75	9	84
Grand Total		2033	1393	3426

Table 3: 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	Research Scholars M.Phil.	3	15
5	PG/UG Students	2	15
6	Others	2	15

Table 4: Circulation Transaction during 2020-21

S. No.	Items	Total
1	Book issued	957
2	Books consulted in the Library	15213
3	No. of users consulted the Library	5419
4	Miscellaneous Charges collected in rupees	116802
5	Total Membership	3426

v. Periodical section:

The section subscribes journals, newspapers, and magazines. The section subscribed 41 magazines and 21 newspapers for the year 2020-21. An amount of Rs. 21602/- was spent on newspapers during the period. The section has a seating capacity of the 50 students at a time where they have offline access to various journals, reports, faculty publication, magazines, and newspapers, etc. During the period, 89 users visited in the section. The Library has received 39 journals through gift. The Library purchased 92 journals by spending Rs 1082526. The details of

periodicals are given in Table-5.

Table 5: Print Magazines, Newspapers and Journals for the year 2020-21

S. No.	Items Available	Language			Total
		Hindi	English	Urdu	
1	Newspapers	11	8	2	21
2	Magazines	12	29	-	41
3	Print Journals	0	92	-	92
4	Print Journals (Gifted)	6	33	-	39
5	Annual Reports & Survey	3	16	-	19
6	Faculty Publications	0	146	-	146

vi. 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 2020-21, 324 students visited in the section.

vii. Thesis and Dissertation Section:

The Library has a separate theses section to organize the thesis collection of the University. A total number of 1754 of theses (561) and dissertations (1193) are available in this section of various departments of the University. A total number of 62 thesis and dissertations are processed during the year. During the period, 111 visitors visited the section. The section has submitted 311 e-thesis in the Shodhganga repository of INFLIBNET.

viii. 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 6: Braille Equipment

S.No	Braille Equipment Available in the Central Library	Qty.
1	Brailler	2
2	Next Generation Brailler	2
3	Screen Reader with Super Nova Software for Magnifier & Book Reader with Speech.	3 users
4	Large Print Key Board	5
5	Clevy Keyboard	5
6	Desktop Video Magnifier with Speech (with 17” or above coloured monitor)	1
7	Refreshable Braille Display (40 cell) with 32 GB SDHC card	1
8	Daisy player & Recorder with Hindi TTS	5
9	Close-up & Near Distance Digital magnifier with image saving 5HD	4
10	Mouse magnifier	4
11	Thermoform Machine with 200 Braille on Sheets	1
12	Computer System with Installation of Speech Software with Internet Connectivity.	5

ix. RFID Project:

Radio-frequency identification (RFID) along with Electromagnetic (EM) system has been implemented in the Central Library during the period. The Library has procured the RFID and EM equipments/items (Table-7) through e-tender on Central Public Procurement Portal of Government of India. All the equipments and peripherals are purchased as per international standards. 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 following RFID and EM items have been installed in the Library. The RFID Kiosk and Library security gate is shown in the figure-8.

Table 7: RFID Equipments

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

x. 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 3426 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.

4. Facilities and services available in the Library:

i. **Reprography or Xeroxing:** The Library provides Xerox facilities in the library premises at a nominal cost of Rs. 0.50 per page through private firm. Print out from digital files has also been provided through this service.

ii. **Circulation:** The issue and return of the documents service is provided to the users from the circulation counter of the Library. The staff of circulation section helps to the users in self issue-return of the documents through RFID systems.

iii. **Document Delivery Service** (DDS): The Library provides a hard/soft copy of articles to the users under DDS.

iv. **Hindi Prakosth:** The Library also extended its services in the form of *'HindiPrakosth'* for encouraging use of Hindi collection of books.

v. **Email Alert:** The Library uses emails i.e. **centrallibrary.bbau@gmail.com**and **circulation.gbl@gmail.com**to provide alert services such as overdue of books, etc. to the users.

vi. **E-resources access service:** E-Resources access facility has been provided to the University fraternity through Cyber section of the Library using Wi-Fi enabled internet. All the e-Resources are also accessible in the BBAU Campus i.e. from departments, laboratories, offices etc. and out of campus through remote access system.

vii. **Reference service:** The reference service is provided to students, faculties & other users for locating of required documents and consultation of various digital resources of the Library.

viii. **Research Floor:** This service started for the research scholars and the faculty members of the University. Presently, this section has seating capacity for 30 scholars and faculty. The section opens up to 11:00 PM on all working days.

ix. **Toppers' corner:** This service is unique in its nature. The answer sheets of the students, who are the topper in their department, are kept in this section for the consultation by the library users.

x. **New Arrival:** The Library has been providing new arrival facility through display of the newly acquired documents. New arrivals' information have also been provided through OPAC.

xi. **Faculty Publication:** This service dedicated to the faculties of the University, where they can display their research publications. The 146 articles including book chapters have been displayed in the section during the year.

xii. **Plagiarism checking:** The Library is a member of 'Shodhganga' project of INFLIBNET. Plagiarism detection software (i.e. Urkund/Ouriginal) facility has been provided to the Central Library through INFLIBNET. The Library has been checking plagiarism/similarity for e-thesis and e-articles of the University fraternity. During the year, the plagiarism of **911** documents has checked through Urkund.

xiii. **Information Literacy Program:** Under information literacy program, the Library has been provided library orientation to the students and research scholars about the library services and library resources.

xiv. **Library Automation:** The Library is automated by using an Open Source Software namely KOHA. Automation work in several sections such as circulation, technical and periodical section has been started 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 http://14.139.228.238/. The Library has implemented RFID system and smart library card system in the Library.

xv. **Website of the Gautam Buddha Central Library:** The Library has developed a website of the Gautam Buddha Central Library. All the e-resources of the Library have been integrated with the website for easy access to the users. The website is accessible through http://14.139.228.238/. During the period 14650 online visitors visited the website. The library website is linked with the BBAU website for convenience of the users.

xvi. **BBAU Institutional Repository:** Institutional Repository of Babasaheb Bhimrao Ambedkar University (BBAU) has been developed by covering of research publications of BBAU in the form of articles, thesis, dissertations, annual reports, etc. In the repository, 541 theses and dissertations have been uploaded. During the year, 122 e-theses and dissertations were uploaded in the repository. Users may access the repository from the web address http://14.139.228.232:8080/jspui.

xvii. **Use of e-Resources:** The usage of e-Resources has been obtained from InfiStats of INFLIBNET. The data shows that during the period, 86582 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-8).

Table 8: Usage of e-Resourcess

Resources/ Months	APR, 20	MAY, 20	JUN, 20	JUL, 20	AUG, 20	SEP, 20	OCT, 20	NOV, 20	DEC, 20	JAN, 21	FEB, 21	MAR, 21	Total Down-loads
American Chemical So-ciety	245	473	360	235	114	382	644	394	814	755	717	2217	7350
Institute of Physics	4	31	28	20	7	6	9	15	37	17	54	0	228
JSTOR	1678	1648	1006	1371	1444	1785	1069	722	1474	2110	3015	2801	20123
Nature	43	230	176	137	53	79	115	116	238	264	299	384	2134
Oxford Universi-ty Press	110	50	116	59	77	66	182	155	268	194	296	389	1962
Project Muse	42	6	15	5	28	11	10	5	3	6	13	4	148
Science Direct	298	376	341	350	379	531	1222	786	1214	1037	1104	1655	9293
Springer Link	1571	2027	1889	2176	1806	2233	2340	2007	2904	3248	3681	3725	29607
Taylor and Francis	524	995	548	422	350	844	1026	699	912	874	982	1345	9521
Wiley-Blackwell	226	348	183	271	172	413	480	284	575	712	824	1728	6216
Total	4741	6184	4662	5046	4430	6350	7097	5183	8439	9217	10985	14248	86582

xviii. **INFED Remote Access System:** The Central Library provides remotely access of more than 7820 e-Journals and thousands of e-books to the BBAU fraternity. During COVID 19, INFED Remote Access Service for BBAU fraternity to seamlessly access of these full-text e-Journals/ e-Resources from outside the BBAU campus has been established by the Library with the support of INFLIBNET. The website for accessing these e-resources is https://idb.bbau.ac.in. The server of the INFED is maintained by the Central Library. 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 3652 user 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 during lockdown/ online classes period due to COVID-19.

xix. **Library services during COVID-19:** The University was closed during lockdown period due

to COVID-19. The Library arranged trial access of various e-Resources during the period for academic fraternity on user id and password access basis. In absence of remote access system, the Library has arranged the user id and password for eSS resources (i.e. Springer Nature, Oxford University Press, Taylor & Francis, J-Gate etc.) and provided to the university fraternity. Access of e-Resources also provided through proxy server. The trial access of e-Resources from reputed publishers e.g. E-book Central Academic Complete/Ebrary of ProQuest (about 180000 e-books), Wiley e-books, Taylor & Francis e-books, Pearson e-books, Cambridge e-Books, Springer Nature e-Books, De Gruyter e-books, Manupatra, Brill e-Journals, Grammarly, etc. were arranged for the Library users through user id & password. In the meantime, the Library has implemented INFED remote access system and provided access of all the e-Resources to the university fraternity through remote access. The Library Advisory Committee appreciated the efforts of the Library and recommended for appreciation letter to the Library from competent authority.

5. Online E-resources:

The Library provides access to 2 bibliographic databases (Table-9) and 7 full-text journals/ databases (Table-10) 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 and databases of the Library are mentioned in table-11.

Table 9: Bibliographic Database

S. No	Name of the Bibliographic Database
1	Institute for Studies in Industrial Development (ISID) Database
2	J-Gate Plus (JCCC)

Table 10: Full-Text Online Databases

S. No.	E-resources	No of Full-Text Journals
1	American Chemical Society	72
2	Economic & Political Weekly	1
3	JSTOR	3165
4	Oxford University Press	262
5	Project Muse	676
6	Springer Link	2565
7	Taylor and Francis	1079
Total Full-Text Journals		7820

Table 11: Subscribed e-Resources

S. No	Name of the Databases/e-Journals Subscribed	No. of Full-Text Journals
1	Cambridge University Press (Humanities and Social Science collection)	192
2	SCOPUS	1
3	DELNET Pharmacy e-Journals	242
4	JoVE online journals	5
5	Manupatra	1
6	iThenticate	1000 users

6. The Library at a Glance:

The statistics at a glance of the Library for the year 2020-21 has given in the following table-12.

Table 12: Library at Glance

S. No.	Items	Total
1	Total Number of Books as on 31/03/2020	60480
2	Books Purchased	2816
3	E-Books Subscribed	1657
4	वर्ष खरीदी गयी हन्दिी पुस्तकों की संख्या	115
5	Books received by Gratis	87
6	Full-text online journals accessible	7820
7	Print Journals Subscribed	92
8	Newspapers subscribed	21
9	Magazines subscribed	41
10	Number of days Library opened	240
11	Seating capacity of users	300
12	Number of Registered users	3426
13	Books issued	957
14	Users consulted in the Library	5419
15	Number of articles/documents downloaded/used from e-Resources	86582
16	Documents uploaded in URKUND Antiplagiarism Software	911
17	Theses Received from Examination Section	62
18	Expenditure on Books (In Rs.)	6731325
19	Expenditure on Journals (In Rs.)	1082526
20	Expenditure on e-Resources (Perpetual Access) (In Rs.)	13287946
21	Expenditure on e-Journals and online databases (In Rs.)	3817257
22	Approximate value for received Gratis books (In Rs)	84024

7. Library Staff

i. Dr. Sunil Goria, University Librarian – Overall administration, supervision and management of the University Library System, Implementation of ICT in the Library, etc.

ii. Dr. Om Prakash Saini, Assistant Librarian - In-charge of Periodical Section, Circulation Section, Photocopy Service, Braille Section and Maintenance of the Library.

iii. Dr. Nitesh Kumar Verma, Assistant Librarian -In-charge of Acquisition Section, Reference Section, Cyber Section, Library Websites, CCTV, Library Automation work and Maintenance of the Library.

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.

8. 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.*

ii. Singh, M. P. and Saini, O. P. "Job Opportunities in Indian Academic Libraries: A Content Analysis of Job Advertisements 2012-2019" (2020). Library Philosophy and Practice (e-journal). 4822. https://digitalcommons.unl.edu/libphilprac/4822.

University Works Department

1. COMPOSITION OF THE BUILDING COMMITTEE FOR THE FINANCIAL YEAR 2020-2021

S.No.	Name/Designation of the members	Status	Address
1.	Vice-Chancellor, BBAU	Chairman	BBAU
2.	Prof. Bhumitra Dev, Former Vice-Chancellor, in his capacity as Member Planning Board, BBAU	Member	146, GA, Shakti Nagar, Behind Gupta Atta Chakki, Lucknow-226016
3.	A representative of the user department	-do-	BBAU
4.	Prof. D.P. Singh, BBAU (Prof. nominated by Vice-Chancellor)	-do-	Department of Environmental Science, BBAU, Lucknow
5.	Prof. Kameshwar Choudhary, BBAU (Prof. nominated by Vice-Chancellor)	-do-	Department of Sociology, BBAU, Lucknow
6.	Finance Officer	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
7.	Director, University Institute of Engineering & Technology, BBAU	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
8.	Chief Engineer, (NZ)-II, CPWD or his representative	-do-	3rd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
9.	Er. V.B. Singh, Retd. Superintending Engineer (Civil), U.P. Power Corporation Ltd.	-do-	4/125, Vishal Khand, Gomti Nagar, Lucknow-226010
10.	Executive Engineer (Electrical), Lucknow Central Electrical Division, CPWD, Lucknow	-do-	2nd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
11.	Er. V.K. Niranjan, Engineer-in-Chief (Project), Irrigation Department	-do-	Office of the Engineer-in-Chief, Sinchai Bhawan, Cantt. Road, Udaiganj, Lucknow
12.	Executive Engineer, BBAU	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
13.	Chief Architect, UP Public Works Department, or his nominee	-do-	Nirman Bhawan, opposite Governor House, Luckow
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. Deepa H. Dwivedi, Co-ordinator, Garden & Beautification Section, BBAU	-do-	Babasaheb Bhimrao Ambedkar University, Lucknow
16.	Prof. B. B. Malik, Prof.-in-Charge, (Engineering Section)		Babasaheb Bhimrao Ambedkar University, Lucknow
18.	Registrar, BBAU	Member Secretary	Babasaheb Bhimrao Ambedkar University, Lucknow

2. Status of Financial & Physical Progress of works awarded to CPWD:

S. No.	Name of Project re-garding construction (Excluding minor repairs)	Approved allocation In Rs in Lakhs	Funds released up to financial year 2018-19 In Rs in Lakhs	Funds released during 2019-20 In Rs in Lakhs	Funds released during 2020-21 In Rs in Lakhs	Status of work as on 31-03-2021
1.	Construction of Students Activity Centre	987.22	507.00	91.68	388.31	100% payment has been done by the University, possession yet to be handed over from construction agency CPWD
2.	Construction of 100 seated OBC Boys' hostel	328.00	32.80	76.53	25.66	50% work are completed
3.	Construction of 100 seated OBC Girls' hostel	328.00	32.80	76.53	25.66	50% work are completed
				Total-	439.63	

3. VARIOUS WORKS UNDERTAKEN DIRECTLY BY THE UNIVERSITY

i. Civil Works:

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
1.	PVC anti skid matt	13,194.00	Completed	5(196)/2008 Part-3
2.	Supply of Paint for painting of kerb stone at BBAU	7,330.00	Completed	5(636)/2017 Part-1
3.	Supply of Painter of kerb stone at BBAU	9,912.00	Completed	5(636)/2017 Part-1
4.	Painting of Room no. 203, 225 & 230, Department of Physics & Old Adm. Block at BBAU	9,795.00	Completed	263/2
5.	AMC of Water cooler and water purifier at BBAU	305,050.00	Completed	EO/BBAU/209
6.	Premix carpeting of road urgent to Adm. Block at BBAU	1,075,305.00	Completed	5(693)/2018 Part-1
7.	Fixing of profile sheet on 06 nos. R.O. plant roof with Iron Angle of Hostel at BBAU	46,563.30	Completed	5(581)/2015
8.	Construction of C.C. speed breaker at outside of Gate no. 02 at BBAU	69,774.40	Completed	5(693)/2019 Part-2
9.	Repairing of Main water line laid under C.C. road of Central Library at BBAU	56,157.00	Completed	5(636)/2017 Part-2

10.	Additional Renovation work around statue of Ambedkar Memorial Park at BBAU	459,162.00	Completed	5(368)/2013
11.	Construction of storm water barrier toe-wall with ramp at various entry point of Old Adm. Block complex at BBAU	146,857.00	Completed	5(662)/2018
12.	Laboratory sink in re Lab of Prof. Gajanan Pandey Old Adm Block at BBAU	13,721.15	Completed	5(680) Part-1
13.	Construction of Interlocking pathway in Bodhi park and M.S. grill at vacant (Rear & Front side) at BBAU	489,677.00	Completed	5(627)/2016
14.	Providing & fixing of 03 nos. of type C water closet at the place of European types water closet in Legal studies building at BBAU	25,648.00	Completed	5(676)/2018 Part-2
15.	Repairing of Damage main gate no. 1 at BBAU	19,000.00	Completed	5(534)/2019
16.	Construction of 02 nos. Deep Tube well at sport ground at BBAU	395,456.00	Completed	5(713)/2019
17.	S.I.T.C. of C.CTV cameras of Boys Hostel & Main entrance gates of BBAU	195,183.00	Completed	762/2
18.	Premix carpeting of Damaged Bituminous road from Legal Study to old Adm Block & Service road of Type A residence at BBAU	476,989.00	Completed	5(693)/2018 Part-1
19.	Dismantling, Laying of cable, Jointing of underground main cable between Boys hostel outdoor main panel to Siddhartha boys hostel indoor panel at BBAU	19,827.00	Completed	5(412)/ Elect./2013
20.	Construction of Bituminous speed breaker on internal roads of University campus at BBAU	432,681.00	Completed	5(499)/2014
21.	Internal Painting and maintenance work at flat no. C-2/0-2 of Mr. R.K. Yadav at BBAU	39,658.00	Completed	5(457)/2015 Part-2
22.	Repairing of Damaged M.S. grating upon the drainage channel of Type B parking at BBAU	9,137.00	Completed	5(457)/2019
23.	Providing & fixing of Granite stone in the platform facia of Room no. 291 Deptt of Environmental Science at BBAU	3,423.00	Completed	5(665)/2018
24.	Replacement of damaged door shelter by M.S. door along with providing PGDP sheet shed for door in the computer centre at BBAU	13,349.00	Completed	5(665)/2020 Part-2
	Total Amount (Rs.)	43,32,848.85		

ii. Electrical Works:

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
1.	Dismantling, Laying & Cable Jointing of Underground main cable between Substation no. 2 to type A residence main LT panel	34,075.00	Completed	5(27)/Elect./16
2.	Supply, Installation, Testing & commissioning of CCTV cameras at Boys Hostel & Main Entrance gate of BBAU, Lucknow	1,95,183.80	Completed	5(121)/Elect./2010
3.	Dismantling, Laying & Cable Jointing of Underground main cable Boys Hostel Outdoor main panel to Siddhartha Boys Hostel Indoor panel	19,827.00	Completed	5(412)/13
4.	Supply, and Installation of LED area light fittings at V.C. residence and around SBBT Phase 1 at BBAU campus	3,01,098.60	Completed	5(9)/Elect/2016
5.	Panel Erection & cable laying work for Tube-wells & Other Loads etc at Sports Stadium ground near Health Centre	2,43,450.00	Completed	5(24)/Elect/16
6.	Supply & Fixing of L.E.D based street/Area lights alongwith Cable laying & Panel Erection work at various location of BBAU, Lucknow	7,13,741.00	Completed	5(10)/Elect/16
7.	Cable Jointing of Underground LT cable near substation no. 2 of SLS building main cable at University campus.	12,947.00	Completed	5(85)/Elect/17
8.	Shifting of CCTV cameras at V.C. office	4,814.00	Completed	5(27)/Elect./16
9.	Purchase of Chimini at VC camp office	18,650.12	Completed	1332/2
10.	3 KVA UPS Repairing at Auditorium	4,000.00	Completed	5(590)/2016
11.	Repairing of sound system Amplifier	10,000.00	Completed	12064/R
12.	AMC of Various pumps and their related auxiliaries including motor & starters etc installed in the Campus	2,63,648.00	Completed	5(51)/Elect./16
13.	AMC of AC Plants in the Campus	15,33,645.00	Completed	5(109)/Elect/18
14.	Supply & Installation of CCTV camera at Confidential room of Recruitment Cell	23,145.00	Completed	1550/2
15.	Purchasing of 2.5 sqmm wire (cu) for Ambedkar Bhawan Room no. 310 (Recruitment Cell)	1,768.00	Completed	5(27)/Elect./16 Part-II
16.	Supply & Installation of Electrical goods for cafeteria near SES building	23,280.00	Completed	5(535)/2014 Part-I
17.	Purchasing of Electrical items	3,96,436.00	Completed	9229/R
18.	Shifting, Installation, Servicing, Testing & Commissioning of 20 KVA DG set at SES building	1,42,620.00	Completed	EO/BBAU/63
19.	Repairing and servicing of DVR installed at VC office Ambedkar Bhawan	7,100.00	Completed	5(53)/Elect/2016
20.	Supply of wall fan for University campus gates .	8,580.00	Completed	5(535)/2015 part 2
21.	Supply of ceiling fan for hostels at BBAU campus	84,370.00	Completed	5/(535)/2015 part 2
22.	Repairing & Maintenance of Appliance at VC camp office	3,304.00	Completed	5(9)/Elect/19 Part-II
23.	Supply of wall fans for VC residence cum camp office	2,274.00	Completed	5(27)/Elect./20
24.	Repairing of Amplifier at SES conference hall	21,712.00	Completed	1090/2
25.	Repairing of various pumps and associated motors installed at BBAU Campus	1,56,800.00	Completed	5(25)/elect/2016
26.	AMC of Lifts at Ambedkar Bhawan	1,30,200.00	Completed	5(107)/Elect/2018
27.	Cable Jointing of Underground LT cable near Type-B & Type-C residence between outdoor panel to indoor panel	3,960.00	Completed	5(27)/Elect/16 Part-III
28.	Repairing of Mis. items at V.C. residence	2,400.00	Completed	5(27)/Elect/16 Part-II
29.	Purchase of Diesel at Various D.G. set at Campus	10,000.00	Completed	5(27)/Elect/16 Part-II
30.	Servicing & Repairing of 20KVA D.G. Set installed at V.C. camp office	11,849.00	Completed	5(27)/Elect/16 Part-I
	Total Amount (Rs.)	43,84,877.52		

Note: Data prepared on the basis of records available in the Engineering Section and subject to verification (A & B) can be sent to Finance Section before finalization of Annual report for the year 2020-21.

4. Miscellaneous works

i. Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.

ii. The water supply of the campus was maintained through own tube wells and similarly, the electric supply of the campus was maintained through 11/0.4 KV sub-station in the campus.

iii. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.

iv. Meeting of the Building Committee was convened and support was given for other statutory body meetings.

All these achievements were made with very limited staff strength in the Engineering department.

University Health Centre

The University Health Centre provides comprehensive health services to all the students, administrative staff, faculty members including dependants, non teaching staff as well as contractual staff of the University. Health services started in the University since 2005 and a qualified Doctor Dr. Rakesh Pradhan was hired to provide health services in the administrative block. Later, keeping in view of the increasing numbers of students as well as staff members, a dedicated separate building was constructed which became functional in 2013.Two qualified Medical Officers were appointed in 2014 to augment the health services but at present only one Medical Officer is available since Jan 2020.

1. LOCATION

University Health Centre is located in the premises of Vidya Vihar near gate no. 3 in vicinity to the Boys hostels.

2. STAFF

i. University Health Centre comprises of:

Prof. B.N. Dubey	-	Prof I/C Health Centre
Dr. Vikas Srivastava	-	Medical Officer
Dr. Rakesh Pradhan	-	Senior Medical Consultant
Mr. Amit Mishra	-	L.D.C.(½ Day)

ii. Apart from the abovementioned staff:

01 -Physiotherapist
03 -Nurses
02 -Attendants
01 -Safaiwala has been provided by the outsourcing agency.

3. SERVICES

Following services are provided :-

i. O.P.D. Services - The doctors are always available as per the duty schedule. The needy patient can just walk-in for consultation and treatment. O.P.D. timings are from 08 A.M. to 08 P.M. on all working days.

ii. Medicines - Medicines are distributed to all the patients as per University rules. Procurement is done through Pradhanmantri Bhatiya Jan Aushadhi Yojna.

iii. Detention room - Health Centre also provide the facility of detaining the serious patients who requires monitoring for short duration.

iv. Referral System - Patients who requires admission / specialized treatment are being referred to authorized higher centres.A lot of new hospitals and diagnostic centres have been added for benefits of all the dependants.

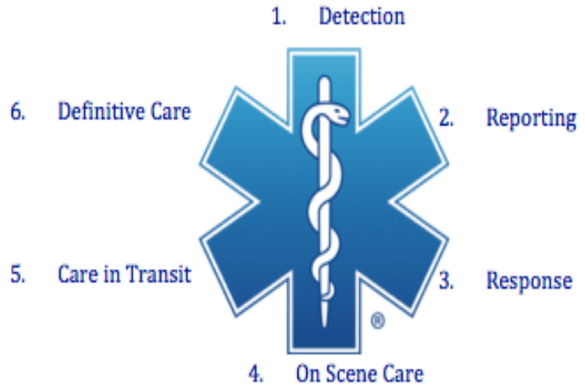
v. Ambulance - An ambulance along with driver is always present for transportation and early evacuation of the referred patients during emergencies.

vi. Organization of camps – Health centre is actively involved in organizing various camps –
- a. Covid-19 Vaccination camp
- b. RTPCR for COVID-19 camp
- c. Blood donation camp

1. Apart from routine O.P.D., we also provide healthcare facilities to all the participants as well as guests during various sports events, convocations, seminars, symposium organized by our University.
2. Doctors are also involved in community services via taking classes on first aid, visiting nearby villages and spreading awareness campaign along with various departments & N.S.S. from time to time.
3. We have already installed X-Ray machine along with C.R. System which is ready to use. We are in the process of setting up complete pathological services at our health centre for which we are also in the process of hiring a reputed Pathologist and Radiologist respectively.
4. We have 01 physiotherapist who also perform their duties accordingly.
5. We also have a Student Counselling Centre in the premises of Health Centre. A qualified Psychological Counsellor Dr. Neha Anand who also provide her services on every Wednesday to the needy patients.
6. A Yoga Centre has been established in the premises of University Health Centre. A qualified Yoga instructor Mrs. Poonam provide her valuable services to all.
7. 02 Ayurvedic doctors also visits Health Centre for 03 hours 04 days a week to provide their valuable services to all.
8. Biggest challenge was providing all Healthcare facilities during ongoing Pandemic of COVID-19.
9. Separate Health Dairies have been designed for staff as well as for students.
10. Online awareness lectures were delivered to all the dependants for increasing knowledge about COVID-19 disease, prevention, treatment and vaccination.

4. AIM

Our basic goal is to provide all medical i.e. all preventive as well as therapeutic facilities along with alternative medicines under one roof of University Health Centre.



Internal Quality Assurance Cell (IQAC)

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 IQAC has organized a meeting on 21.01.2021 to approve the Self Study Reports and to discuss about the preparation for forthcoming NAAC visit for 2nd cycle accreditation. The meetings of Steering Committee held for strengthening the IQAC activities as and when required. The contributions of members of Steering Committee especially in compiling SSR documents/data and during Data Validation and Verification (DVV) process was outstanding.

Major Achievements:

Some of the major activities carried out by IQAC during the period of 2020-21 by Internal Quality Assurance Cell (IQAC) are as follows:

i. The IQAC has actively contributed in CAS promotion of 75 teachers at various academic levels including long pending cases.
ii. The IQAC constituted a committee of the Coordinators for various departments to assist the Head of the Departments for NAAC related work. The Director, IQAC had meetings with these Coordinators (IQAC) to apprise about the data collection from the department and NAAC process as and when required.
iii. The Screening Committee meetings were conducted for screening of Performance Based Appraisal System (PBAS) applications of different faculty members for promotion of Associate Professors and Professors, as per UGC Regulations.
iv. The IQAC collected AQAR data for the year 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 and compiled it as per prescribed procedure of NAAC and the same has been uploaded on NAAC portal successfully after approval of competent authorities.
v. Self Study Report (SSR) documents have been uploaded on the NAAC portal for 2nd Cycle of Accreditation. The DVV queries raised by NAAC have also been successfully submitted.
vi. The IQAC has proposed and constituted various committees namely Patent Cell, Innovation, Incubation and Entrepreneurship, Alumni Cell, Student Amenities Cell, Publicity Team etc., at University level for strengthening the academic and administrative activities.
vii. The IQAC has recommended to conduct NAAC Mock Audit by internal Teachers to assess the preparation of the proposed NAAC peer team visit. Also, the IQAC arranged Academic Audit Team in the University and Amethi Satellite Centre, under the Chairmanship of Vice Chancellor.
viii. The IQAC has organized an Online Interaction Programme between Vice Chancellor and Students during the commencement of the academic session.
ix. The student feedback was collected through online mode about the course curriculum and the Teachers and the data was analysed. The report was communicated to the individual faculty members through email. The feedback about the course was communicated to the Heads of the departments.
x. The IQAC has designed two different PBAS Proforma/Templates for promotion of Teachers under CAS in accordance with option given by UGC Regulation 2018.

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 Praveen Kumari respectively. The Commanding officer of 67 UP BN is Col. Gautam Guha. 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-228), Annual Training Camp and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like health check–up camp, blood donation camp, tree plantation camp, anti –leprosy drive, Cancer Awareness Programmers, World Tobacco day, Anti-Terrorism pledge etc. Details of all the activity during 2020-21 are as given below.

i. Program on Kargil Vijay Diwas on 26 July 2020
ii. Hon'ble Vice Chancellor Prof. Sanjay Singh has been granted honorary rank of Colonel on 14 August 2020
iii. Guard of Honor to Honorable Vice- Chancellor on 15 August 2020.
iv. Celebrating 151 Birthday anniversary of Mahatma Gandhi on 02 October 2020.
v. International Girl Child Day poster competition on 11 October 2020.
vi. National webinar on National Education Policy on 13 October 2020.
vii. Mission Shakti from 17 October 2020 to 25 October 2020.
viii. NCC 'C' Certificate examination on 18 October 2020
ix. Sardar Balabh Bhai Patal 145th Jayanti on 31 October 2020
x. NCC day on 14 November 2020
xi. Lt. (Dr.) Raj Shree has been promoted to the rank of captain of the NCC wing of the university on 05 January 2021
xii. NCC 'B' Certificate camp on 08 January 2021 to 10 January 2021
xiii. Neta ji Subhas Chandra Bose Birthday celebration on 23 January 2021
xiv. Guard of Honor to Honorable Vice- Chancellor on 26 January 2021
xv. NCC 'C' Certificate pratical exam 13 February 2021
xvi. NCC camp CATC-228 in BBAU on 16 February 2021
xvii. celebrating 50 year of India's Victory 1971 war on 17 February 2021
xviii. NCC unit organize National webinar on "Balancing between life and work in covid-19 A Challenging Scenario for working women on 08 March 2021
xix. An Anti- Terrorism pledge taking Ceremony was organized by NCC unit on 21 May 2021
xx. World no Tobacco Day on 31 May 2021
xxi. International Yoga Day on 21 June 2021

NSS CELL

The **National Service Scheme** (**NSS**) is an Indian government-sponsored public service program conducted by the Ministry of Youth Affairs[1] and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Mahatma Ghandhiji's Centenary year in 1969. Aimed at developing student's personality through community service, NSS is a voluntary association of young people in Colleges, Universities and at +2 level working for a campus-community (esp. Villages) linkage.

The motto of NSS is "Not me But You" and Volunteers at NSS Cell of BBAU follow the motto in true spirit.

1. NSS at BBAU:

NSS at BBAU started in 2016 with One unit,. Today At BBAU, there are 03 unite of NSS enrolling 300 Students volunteers from all the departments of the University. We at NSS cell of BBAU have major focus on following objectives:

i. Community Service by educating them on healthy and hygienic life style
ii. Makin poor and rural people and others aware about various government schemes for their welfare.
iii. Understanding the society where they live
iv. Personality development of Volunteers
v. To further "स्वच्छ भारत" mission to every part of society
vi. Celebrate important National and International days

2. NSS Program Officers:

i. Dr. Ramesh Kumar Chaturvedi
ii. Dr. Taruna

3. Achievements of NSS cell:

i. One Volunteer Mr. Aadesh Srivastava of NSS has been selected for Pre-Republic day parade and attended camp in Bhopal for 10 Days.
ii. Ten volunteers have been selected to Participate in National Integration Camp (NIC)at Kangara, Himachal Pradesh from 24 February to 1st March 2020.
iii. Seven Volunteers won Medals in Poster Making Competition and Rangoli Competition at NIC.
iv. Fifteen Volunteers of NSS Cell BBAU have been selected to extend services and participate in 24th National youth Festival, Lucknow from 12 to 16 January, 2020 and received certificate of participation.

4. Achievement of Program Officer

i. Dr. Ramesh Kumar Chaturvedi, Program officer, participated and lead the Uttar Pradesh NSS Contingent at National Integration Camp (NIC), Kangra Himachal Pradesh.
ii. Dr. Ramesh Kumar Chaturvedi and Dr. Taruna has been selected by SLO, Utter Pradesh Government to coordinate the activities during 24th National youth Festival, Lucknow.

5. Some Important Activities by NSS Cell BBAU

i. Participating Republic Day Parade at University Level
ii. Campaign for Fit India Movement
i. Campaign for "स्वच्छ भारत" many times during the year by actively taking of cleaning activities at Campus and nearby areas, Organising Poster, Slogan making competitions etc.
ii. Lecture on Career prospects for Youth especially in Defence.
iii. Tree plantation drives many times during the academic year.
iv. Celebrating important Days such as Constitution day, Youth Day, Women Day, Literacy, world Environment, Yoga day and many others.
v. Helping local governments and NGOs by NSS Volunteers at place of their residence during Lock Down in managing Covid-19 situation.

6. Special Online NSS Camp

A 7 Days Special NSS camp from 4th-10th June 2020 has been organised in online mode for session 2019-20. Due to Pandemic Covid-19 the Physically scheduled camp in March, 2020 could not be organised. However an online NSS camp has been conducted and all required activities of a NSS camp were conducted such as:

Date/Day	Activity	Resource Persons
04.06.2020 (Thurday)	Inaugural session	Training session by **Dr. Taruna** Training session by **Dr. Ramesh kr. Chaturvedi**
05.06.2020 (Friday) (7:00- 8:00 am)	Mediation session Mr. R.S.L. Srivastava	Nutrition and wellness- Post Pandemic COVID-19 community Centric Approach– Prof Sunita Mishra
06.06.2020 (Saturday) (7:00- 8:00 am)	Mediation session **Mr. R.S.L. Srivastava**	Orientation of NSS volunteers towards community service and social work.
07.06.2020 (Sunday) (7:00- 8:00 am)	Mediation session **Mr. R.S.L. Srivastava**	Health and Hygiene orientation in Covid-19 By **Dr. Vikas Srivastav (**Medical officer BBAU Lucknow)
08.06.2020 (Monday) (7:00- 8:00 am)	Yoga session Ms Poonam Sharma	Emotional regulation during COVID-19 **Ms Neha Anand** Psychological counsellor
09.06.2020 (Tuesday) (7:00- 8:00 am)	Yoga session Ms Poonam Sharma	Training and interactive session by NSS-state liasioning officer **Dr. Anshumali**.
10.06.2020 (Wednesday) (7:00- 8:00 am)	Yoga session Ms Poonam Sharma	Experience sharing of NSS Volunteers & Poster Presentation Valedictory session

University Placement Cell (UPC)

The most important resource of any civilized society is its trained and skilled manpower. In the contemporary competitive world, education is not just a way to disseminate knowledge, but also to equip students with contemporary professional skills and ability to face global challenges, as well as fulfill their career aspirations while contributing more to the society. Helping students identify organizations for training and placement. In addition, campus interviews are conducted to provide students with an opportunity to showcase their talents and place them in various organizations across India and abroad. The University Placement Cell is dedicated to assist students in their search for jobs in reputed organizations. Apart from this special lecture, workshops and job fairs are organized to provide various platform to the students to achieve their respective heights.

1. Constitution of the University Placement Cell

Chairman : Prof. Sanjay Singh
Hon'ble Vice Chancellor, BBAU.
Convener : Prof. S. Victor Babu
Registrar,(I/C), BBAU.

Coordinator : Prof. M.S. Khan
Head, Department Of Commerce & Professor, Department of Rural Management
E-mail : upcbbau007@gmail.com
Web : http://bbau.ac.in//new/cpc.aspx
Add. : Vidya Vihar, Raebareli Road, Lucknow - 226025

2. Placement Members

One nominated faculty member from each department.

3. University Placement Cell Objective

The main objective of the Placement Cell is to help and guide the students to get qualified placements through cutting edge technology, innovation, leadership and partnership. The highest emphasis is placed on providing the most modern and sophisticated learning environment with Indian heritage and value systems. The teaching methodology is contemporary which keeps the students and staff with the ever changing scenario in the educational field with the best blend of traditional Indian ethics and value systems. Tradition gives us morals and values and modernity gives us the opportunity to apply those values to grow and make our mark. The academic and cultural activity at BBAU provides a platform where all students come together and explore individual and group talents and resources. The faculty and management possess a high degree of integrity and knowledge which makes the students efficient and effective human beings. The University through its constituent units provides guidance and support to the graduate students to build their future. The postgraduate institutes of the university are specially organized to help the passed out students in search of employment opportunities. The industry also believes that university students have appropriate inputs to make them better professionals for pursuing careers in industries. The University through its constituents interacts continuously with reputed national and multinational companies who visit the campuses to recruit graduate students.

Fundamental Functions of the Central Placement Cell

The University Placement Cell functions with full time academic and professional staffs. The functions of the Cell are as follows:

To guide and help students to find a work placement that best suits their career goals. This involves training the students in all Steps for a Work Placement.

i. To have close liaison with the industry for placement of the students.
ii. To help students Preparing their CVs & Covering Letters.
iii. To organize the entrepreneurship workshops.
iv. Training students in Aptitude Tests and Interview Techniques.
v. Also involving in constant Job Search, finding Work Placement Opportunities and giving the students General Advice and Guidance.
vi. Gathering information about the Companies that required the skilled People.
vii. Identifying potential placement opportunities.
viii. To establish Contacts with corporate bodies.
ix. To collect feedback from the companies coming for placement.
x. Arranging Industrial Visits for project work for all courses.
xi. The Cell provides the infrastructural facilities to conduct group discussions, tests, and interviews besides catering other logistics.
xii. The training and placement cell facilitates the process of placement of students passing out from the university.

4. General Overview of Placement Detail during 2020-21

Total Placement for the Period w.e.f. April' 20 to March'2021				
S. No.	Name of the Company	Date of Notification	Students Placed	Department Participated
1	SkillSanta.Com	08.05.2020	1	B. tech, B.E., M. tech, MCA & BCA
2	Pick My Work	04.08.2020	1	Graduate and Post graduate all courses
3	Shivkaal Bhairav PVT. LTD.	14.09.2020	2	Graduate and Post graduate all courses
4	TATA Consultancy Services	09.10.2020	1	B.E. / B.Tech / M.E. / M.Tech / MCA / M.Sc.
5	BYJU'S	02.11.2020	3	B.Tech, BBA, B.Com, MBA, M.Com, B.Sc., M.Sc.
6	REPLICON Bangalore	12.11.2020	1	MBA, BBA, M Com, MA, MSW, IMBA
7	Simple Integral Pvt Ltd, MANESAR	25.11.2020	1	Mechanical Engg. (Tool & Die)/ Electronics Engg./Mechatronics & Industrial Automation/ PG/CAD/CAM
8	H-TOWN Technologies, VISAKHAPATNAM	26.11.2020	1	B.E/B.Tech in Computer Science/Information Technology
9	JARO Institute of Technology, Management and Research Pvt. Ltd., MUMBAI	29.01.2021	2	B.com/BBA/BA/ MBA/BE/B. tech/ BCA/ B.sc/ M.com/MCA/ M.sc/ M.tech
10	Chegg India Pvt. Ltd.	03.02.2021	2	Graduate and Post graduate all courses
11	Prutor.ai	17.03.2021	1	B.Tech/M.Tech/MCA/PhD/CS/IT
Total No. of Placement			16	

Office of Proctor

Babasaheb Bhimrao Ambedkar University (A Central University) established the **Office of Proctor** under the **Provision of University act 1994**, **No. 53 of 1994**, which came into force from **10.01.1996** and was notified **February 1997**. The Proctor is a statutory officer of the University and head of the Proctorial board. The primary objectives of the Proctorial board are enforcing discipline and controlling the law and orders of the student community. The Proctor office comprises the Proctorial board, Anti-ragging committee, Anti-ragging squad and Anti-ragging cell as the primary committee to control discipline. Thus, the office of Proctor constituted three-tier organizations, i.e. Proctorial board, the second tier of 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.

1. Committees and Sub-Committees Constitute by Board:

Proctorial Board has three other active committees. The detail of committee is as below:-

i. PROCTORIAL BOARD

Sl.	Name of Member	Designation	Contact No./Email id
1	Prof. B. B. Malik	Proctor	9415688058 bbmalik57@gmail.com
2	Prof. Kaman Singh	Member	9415409189 singh.kaman@bbau.ac.in
3	Prof. Sanjay Kumar	Member	9453019255 sanjay123bhu@gmail.com
4	Prof. S. K. Dwivedi	Member	9452757447 skd200@yahoo.com
5	Prof. Surinder Kumar	Member	9410334706 surinderntls@gmail.com
6	Prof. Shilpi Verma	Member	9450110690 shipoo.lko@gmail.com
7	Prof. Sikha	Member	9454452657 dr_sikha2003@yahoo.co.in
8	Prof. Sanjeev Kr. Chadha	Member	9456789777 sk_chadha123@gmail.com
9	Dr. M.L. Meena	Member	9651893336 maheriari@rediffmail.com
10	Dr. Anis Ahmad	Member	9453287957 anisbbau@gmail.com
11	Dr. Jay Shankar Singh	Member	9335666104 jayshankar_1@yahoo.co.in
12	Dr. Ramesh Chandra	Member	9956509449 ramesh.luphy@gmail.com
13	Dr. Taruna	Member	9415765841 drtaruna@gmail.com
14	Dr. Preeti Gupta	Member	9956720055 preetig07@gmail.com
15	Dr. Manoj Kumar	Member	9758558385 mkjnuiitr@gmail.com
16	Dr. Preety Choudhari	Member	7607680694 preetychoudhari2009@gmail.com
17	Dr. Khem Bhadur Thapa	Member	9450871807 khem.bhu@gmail.com
18	Dr. Kunwar Surendra Bahadur	Member	8700443248 ksbuprtou@gmail.com
19	Concern, HOD/Director/Coordinator	Special Invitee	
20	DSW	Special Invitee	9453641182 dr.bsbhadauria@rediffmail.com
21	PIC- Security	Special Invitee	8765583117 pandeygajanan@rediffmail.com
22	Dr. Ravi Shankar Verma	Member & Convener	9453966994 ravihort_01@rediffmail.com

ii. Anti-Ragging Committee

Sl. 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. ShilpiVerma	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

iii. Anti-Ragging Squad

Sl. 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

iv. Anti-Ragging Cell

Sl. 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

2. Proctorial Board has Seven Sub-Committee:-

i. Anti-Ragging Cell and Anti-Ragging Squad has seven Sub-Committee for 24X7:-

ii. Three Sub-Committee has constituted for Girls & Boys Hostel:-

3. Profile of the Proctor

Name	**Prof. B. B. Malik**
Designation	Proctor
Qualification	M.A., M.Phil., Ph.D.
Teaching & Research Experience	22 Yrs
Research Interest	Sociological Theory Poverty and Social Exclusion Sociology of Ecology and Environment Sociology of Dalits and Ambedkar Studies Sociology of Poverty and Economic Deprivation
Ph.D. Students guided	8
Contact	+91-9415688058

University Coaching Centre (RCP)

University Coaching Centre(RCP), Babasaheb Bhimrao Ambedkar University, Lucknow is a sponsored Centre by the UGC and the Centre has completed 19 years of the journey since February 4th2002 after its inauguration by Hon'ble Ex. Vice-Chancellor Prof.G. Nancharaiah. Since its inception, RCP is consistently providing coaching for the SC/ST and OBC (Non-creamy layer) students.

The University Coaching Centre (RCP) provides following coaching schemes to students belonging to SC/ST/ Minority and OBC (non-creamy layer) candidates.

i. **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.

ii. **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.

iii. **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

i. To offer quality coaching program to the aspirants belonging to SC/ST / Minorities and Women category.

ii. To improve the academic skills and linguistic proficiency of the students in various subjects.

iii. To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.

iv. To strengthen their knowledge, skills and attitude in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently and to reduce their failure and dropout rate.

v. To provide career guidance and psychological counseling for capacity building to those who are in need of such counseling.

Future Plans

i. Introducing innovative teaching methods for spoken English and communication skills.

ii. Upgradation of library facilities of the centre.

iii. 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.

i. Vice Chancellor Chairman

ii. Prof. D. R. Modi Member

iii. Prof. R. A. Khan Member
iv. Prof. Kaman Singh Member
v. Prof. Ram Chandra Member
vi. Dr. M. L. Meena Member
vii. Ms. Manjri Raj Oraon Member
viii. Dr.Venkatesh Kumar R. Member
ix. Prof. K. L. Mahawar Member Secretary

Faculty Details

i. Prof. K. L. Mahawar

- **Designation-** Coordinator
- **Qualification-** MLISc, CIC, Ph.D
- (Library and Information Science)
- **Specialization-** Academic Library and Information System, User Services/Needs, Informatio Sources, Systems and programmes

ii. Dr. Venkatesh Kumar R.

- **Designation-** Deputy Coordinator
- **Qualification-** M.Sc. Ph.D.
- **Specialization-** Sericulture & Natural Product Research

Data summary of various Coaching Programs

S. No.	Year	No. of students enrolled under various UGC sponsored coaching programs		
		Remedial Coaching Programme	Coaching for Entry in Service	Coaching for NET Program
1	2020-2021	66 application have been received till date	24 application have been received till date	102 application have been received till date

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 (2020-21)

Sl. No.	Name of the Department	No. of No- Dues issued
1	All University departments	601, No- Dues Certificates issued by the Centre so far.

Recruitment Cell

i. Applications for vacant teaching positions are invited ONLINE through SAMARTH Portal of Ministry of Education (erstwhile MHRD).
ii. Screening of application forms done online by the concerned Screening Committee through SAMARTH Online Portal and projector.
iii. All correspondence with candidates *(like information about uploading of screening committee reports, receiving representations, if any and sending interview call letters and information about interview)* done through email / University website only.
iv. Candidates called for interview were given option to attend the interview through Video Conferencing Mode or through physical presence at the venue of the interview.

1. Statistics

- Number of Teaching Positions Advertised : 43
- Professor : 09
- Associate Professor : 16
- Assistant Professor : 18

2. Appointments done on Vacant Teaching Positions 2020-21 (Category-wise)

Position	Total	UR	SC	ST	OBC	EWS	Total
Assistant Professor	16	9	3	2	1	1	16
Associate Professor	12	7	1	0	4	0	12
Professor	4	3	0	0	1	0	4
TOTAL	32	19	4	2	6	1	32

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 reservation 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. Sudarshan Verma	Member
3	Prof. S. K. Pandey	Member
4	Prof. Rajesh Kumar	Member
5	Prof. Sanatan Nayak	Member
6	Prof. B. S. Bhadauria	Member
7	Prof. Sarthik Bagh	Member
8	Prof. V. Elangovan	Member
9	Dr. Manjari Raj Oraon	Member
10	Shri Gokaran Prasad	Member
11	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. Sudershan Verma	Member
5	Prof. Sanatan Nayak	Member
6	Prof. B. S. Bhadauria	Member
7	Prof. Priti Mishra	Member
8	Dr. Loknath	Member
9	Dr. Brajesh Kumar Singh	Member
10	Dr. Vivek Nath Tripathi	Member
11	Dr. Yusuf Akhter	Member
12	Shri Salahuddin Khan	Member
13	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. Sudershan Verma	Member
5	Prof. B. S. Bhadauria	Member
6	Prof. D. R. Modi	Member
7	Prof. Shilpi Verma	Member
8	Dr. Sarvesh Kumar Singh	Member
9	Dr. Preety Chaudhari	Member
10	Shri B. K. Kashyap	Member
11	RSO	Convener/Member -Secretary

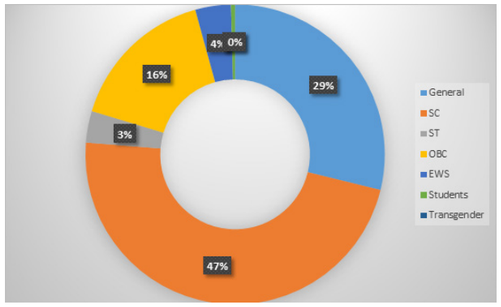
5. STATUS OF EQUAL OPPORTUNITY CELL MEETING HELD IN BBAU, LUCKNOW DURING ACADEMIC YEAR 2016-21

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

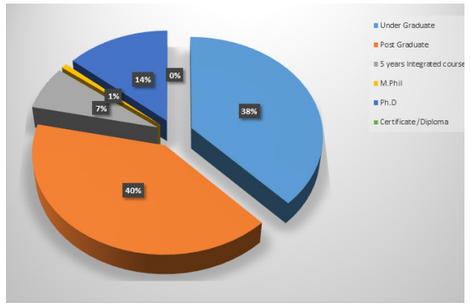
6. ONE PAGE STATISTICAL DATA TOTAL ENROLLMENT DURING 2020-21

Total Enrolment of Students in University Departments	Under Graduate	Post Graduate	5 years Integrated course	M.Phil	Ph.D	Certificate /Diploma	Total
Numbers of General Students	517	630	99	13	221	0	1480
Numbers of SC Students	851	721	171	14	280	0	2037
Numbers of ST Students	61	46	4	1	41	0	153
Numbers of OBC Students	288	428	51	6	85	0	858
Numbers of EWS Students	69	85	9	2	18	0	183
Numbers of PH Students	8	9	0	1	7	0	25
Numbers of Transgender Students	0	0	0	0	0	0	0
Total Strength	1794	1919	334	37	652	0	4736

7.Category wise Students Admission



8. Course wise Students Admission



9. Details of Hosteller Students (As on 02.11.2020)

Total Intake Capacity	Number of students residing in Hostels						*Out of the total		
	Gen.	OBC	SC	ST	EWS	Total*	PwD	Muslim	Other Mino. Communities
1268	353	137	378	60	02	930	13	67	08

10. Status of Post-Matric Scholarship and Fee Reimbursement online applications forwarded during 2020-21 To the Social Welfare Office, Lucknow (In Nos.)

	Total	General	SC	ST	OBC	Minority	Grand Total
Total Application forms available on Scholarship website	1981	533	920	15	396	117	1981
Hard Copy received by the University	1885	513	880	14	371	107	1885
Total applications verified by the University	1885	513	880	14	371	107	1885
Rejected Forms	0	0	0	0	0	0	0
Total applications Forwarded by the University to DSW	1885	513	880	14	371	107	1885

11. 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

12. Backlog Vacancies (Teaching)

Sl.No.	Name of Post	SC	ST	OBC	EWS	Total	PwD	Reason for non-filling of the backlog posts
1	Assistant Professor	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	Associate Professor	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	Professor	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Total		NIL	NIL	NIL	NIL	NIL	NIL	NIL

Backlog Vacancies (Non-Teaching)

Sl.No.	Name of Post	SC	ST	OBC	EWS	Total	PwD	Reason for non-filling of the backlog posts
1	Group-A	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	Group-B	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	Group-C	NIL	NIL	NIL	NIL	NIL	NIL	NIL
4	Group-D (Except Safai Karmchari)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Total		NIL	NIL	NIL	NIL	NIL	NIL	NIL

Sports Section

i. Faculty (including guest /contract/inspired): **(01) Dr. Manoj Kumar Dhadwal**

i. Available facilities in the department:**02 Volleyball Court, 01 Basketball, 01 Football Ground, 02 Lawn Tennis Court, 01 Badminton Court, 02 Kabaddi Court, 01 Kho-Kho Court, Gymnasium, Improvise Cricket and Track and Field, 02 Table Tennis, Carom and Chess Boards.**

ii. Latest syllabus revision date(course wise): **Presented New Curriculum for BPEd programme**

iii. Conferences /workshops/other events organized in the department in the last three years. : **09 Workshop and 02 Conference**

iv. Achievements of the faculties (faculty wise) in the last three years (publication reprints with impact factor, awards, recognitions, inspired fellowship, patents, conferences/ workshops attended etc.). : 01 Book, 0 conference

1. BRIEF HISTORY OF THE SPORTS SECTION

Babasaheb Bhimrao Ambedkar University, lucknow striving for academic excellence, and at the same time sponsoring varieties of activities that would contribute to the wholesome development of personality and promote health among students. Sports and Games are one such area promoted by the University with an intention of ensuring Physical, Mental and Emotional Health of the Student Community. For the smooth conduct of the intramural and extramural sports programme of the university, the Sports Section was established by the University in the year 2007.

The Sports Section caters to the Sports needs of students from all Departments' and Schools' of the BBAU.

2. OBJECTIVES:

i. To promote students' sports participation and to create awareness about the benefits of Physical Education & Sports and to spread Sports Culture among students.

ii. To search Sports Talent at the School/Departmental level and to groom them as better performers.

iii. To Project the Potentials of University by organizing National Level Tournaments.

iv. To provide Incentives and bestow Awards to Sportspersons to maintain sustained interest among students to participate and perform progressively.

v. To involve Alumni, N.R.I's & other Sports Agencies for raising funds for the Development of Sports Infrastructure.

vi. To initiate measures to evolve Group/Individual Accident Insurance Scheme for Sportspersons taking part in the Inter-University Competitions.

vii. To Develop Adequate and Standard Sports Infrastructure Facilities like Playing Fields, Gymnasium, Swimming Pool, Track & Field, and procure Quality Equipment.

viii. To provide Systematic Coaching Programme by involving Qualified & Competent Personnel to groom University Teams & Sports Talent.

1. On the occasion of the labors day Babasaheb Bhimrao Ambedkar University, NCC 67 UP Battalion conducted online poster making competition on 1st May 2020.
2. **For celebrating "International Day of Yoga 2020" Sports Section organised following events:**

S.No.	Name of Program	Date	Venue
1.	Yoga as per IDY Protocol	19th to 21st June 2020 7:am to 7:45 am	Home
2.	03 minute Yoga video open to all	Last date for submitting the clip 20/06/2020	Home
3.	Poster making competition open to all	Last date for submitting the clip 20/06/2020	Home
4.	Special lecture on Yoga	21st June after Yoga protocol	Home

3. On Occasion of Kargil Vijay Diwas, BBAU, in association with 20 UP BN NCC & 67 UP BN NCC Lucknow of BBAU to pay tribute to Kargil War Heros on 26th July 2020 From 12:00 p.m To 1:30 p.m.
4. Vice-Chancellor of Babasaheb Bhimrao Ambedkar University, Lucknow, Prof. Sanjay Singh was conferred the rank of an honorary Colonel by the Directorate of National Cadets Corps (NCC) here on 14th August, 2020. Brigadier Vikram Raina, Group Commander, Lucknow group conferred the rank on Prof. Sanjay Singh in a piping ceremony held at the university. He is the first vice Chancellor of the University to receive the honour for his contribution to education and encouraging the activities of NCC in the region.Col. Arun Suryavanshi, Commanding O officer, 20UP Girls BN NCC, Col. Gautam Guha, Commanding Officer, 67UP BN NCC, Lt. Raj Shree, ANO, 20UP Girls BN NCC, Lt. Manoj Dhadwal ANO, 67UP BN NCC, SUB Major M A Khan, SUB Saiyed Anwar, 67UP BN NCC and Senior Faculty members, Non teaching staff, NCC Cadets of the University were present during the ceremony.
5. Celebrating Dhyan Chand's birthday, which is also observed as the 'National Sports Day' in India, BBAU, sports section conducted inter faculty and staff members lawn Tennis matches following the COVID-19 guidelines. Hon'ble V. C. and other faculty members paid the tribute to Major Dhyanchand and played lawn Tennis and Basketball. Keeping in view of COVID-19 only residents and nearby faculty &staff members participated.
6. "Fit India Movement" on 27th August to 2nd October 2020.

Sports Section celebrated Sports Day: Inter Faculty and Staff members Lawn Tennis Friendly Match.

29th August 2020 06:am at Sports Ground of the BBAU.

No.	Name of Activities	Duration and Date
1.	**1 Min. Video on:** a. Running b. Dancing c. Pushups. d. Traditional Games e. Aerobics f. Martial Arts g. Rope Skipping gardening i. Plugging k. Kite Flying j. Swimming	From 27th August to 02nd October 2020 (Participants may choose any of the activity preferably morning or in the evening and send still picks and minimum of 01 min. video through Email or Whatsapp every day.)
2.	Celebrating of National Sports Day Inter Faculty and Staff members Lawn Tennis Friendly Match.	29th August 2020 06:am at Sports Ground of the BBAU
3.	Webinar on Psychological Fitness With Special References to SSB	4th September 2020**.**
4.	Webinar on Mental Health	11th September 2020.
5.	Slogan writing on Fit India Movement	7th to 14th Sep 2020.
6.	Poster Making on Fit Mind Fit Environment	15th to 21st Sep 2020.
7.	Webinar on Fitness and Nutrition	18th Sep 2020.
8.	Fit India Quiz Sports Quiz	22nd Sep to 02nd Oct 2020.

7. BBAU celebrated Teachers Day 5 September 2020, in the regard BBAU social media invited short video's from the students to express their gratitude towards their teachers and BBAU in collaboration with NCC, UP 20 Girls BN and NCC 67 UP BN conducted a webinar on Teachers Day. The invited Guest were Rt. Prof. M. Y. Khan, Er. Sudhir Kumar Goel and Maj. Nazreen Fatima they expresses their views on Teachers and duties of teachers. Prof. Sanjay Singh V. C. BBAU, Chaired the Webinar, Prof. R. P Singh, Dean A. A, Prof.Victor Babu Registrar, Prof.B.S.Badoria, Prof. Govind Ji Pandey and many other faculty members of the BBAU along with the students participates in the webinar. Lt. Dr. Rajshree and Lt. Dr. Manoj Kumar Dhadwal organised the Webinar
8. **151st Birth Anniversary of Mahatma Gandhi 02nd October, 2020.**

An online Elocution Competition is being Organized by the University on 02nd October, 2020. Entries are invite from the students of various Departments for participation in Elocution Competition. Best three students will be awarded. Topic: ' Mahatma Gandhi's Vision on Aatmnirbhar Bharat '

9. NCC Unit of Babasaheb Bhimrao Ambedkar University, Lucknow in Collaboration with Human Society International/India Organize Webinar on "**Fighting Climate Change Through Our Diet"**7th October 2020 .
10. National Webinar on National Education Policy . 13th October 2020.
11. NCC Unit of the University Organize Competition & Online Awareness Program Under **Mission Shakti** From 17th October, 2020 To 25th October, 2020.
    A. Comptition
    B. Online Awareness Program
12. Celebrating 145th Birthday Birth Anniversary of India's Iron, Sardar Vallabhbhai Patel on 31st October 2020. The day is also earmarked as Rastriya Ekta Diwas across the Country. BBAU to pay Floral Tribute at 07:00 am.
13. Unnat Bharat abhiyan 10th November 2020.
14. Mission Shakti National Webinar on Lighten the Load Psychology Resilience and Emotional Wellbeing of Women 13th November 2020.
15. Celebrating 72nd National Cadet Corp (NCC) Rising Day.
16. Celebrating Swatchhta Pakhwada on 5th To 14th December 2020.
17. National Webinar on "Preventing, Combating and Responding to Gender Based Violence" 20 January 2021. Organized By Committee of Basic Facilities for Women, Gender Champion Committee, UBA Cell & NCC Unit, Bbabsaheb Bhimrao Ambedkar University, Lucknow.
18. Celebrating 50th anniversary of 1971 war, victory flame on 17 February 2021.
19. National webinar on "भारतीय स्वतंत्रता संग्राम : चतिन एव प्रेरणा " organize by NCC Unit , BBAU on 12 March 2021.

Media Centre

The CEC/UGC has set up EMRC, Media Centre in Babasaheb Bhimrao Ambedkar Universities with the objectives to produce in-house quality educational programmes for electronic media. The Centre is engaged in production of Video & Multimedia based programmes.

1. Facilities:

1. Makeshift studio and Croma set-up for recording online Video-lectures and programmes.
2. High-end camera with Teleprompter for recording Broadcast Quality HD videos.
3. Professional Computer for Graphics and Editing.

2. Media Centre Staff:

i.	**Durgesh Kumar**	-	Cameraman
ii.	**Anurag Kumar**	-	Cameraman
iii.	**Abhilash Das**	-	Cameraman
iv.	**Chhitij Sahu**	-	Graphic Designer
v.	**Mayank Thapliyal**	-	Production Assistant
vi.	**Anoop Kumar**	-	Production Assistant
vii.	**Arun Kumar**	-	Unit Peon

3. Achievement:

- Chhitij Sahu, Graphic Artist secured 3rd position in the '*EduToon' Category* in the *CEC Competition 2019 EduWrite & EduToon*

4. Activities and Work Conducted by Media Centre, BBAU, Lucknow:

i. Produced a Documentary on Yoga, 'Swasth Jeevan ka Aadhar-Sooryanamaskar' by Vice Chancellor Professor Sanjay Singh.

ii. Media coverage and Production of Video report/documentation of various National and Local events organized and celebrated in the University-
   - Republic Day 2021, Independence Day, Ambedkar Jayanti, Ek Bharat Shreshth Bharat Etc.

iii. Media Coverage and Production of Video report/documentation of various Workshops-
   - Workshop on skill development for the farmers of North India zone organized by Dr. Naveen Kumar Arora, Dean School of Earth and Environmental Sciences.
   - Workshop on 'Technology Led Innovation & Sustainability'

iv. Produced Pilot episode for MOOCs on-
   - The Research Methodology on Higher Education
   - Library and Information Literacy Course

v. Produced 'Study from Home' awareness videos during Pandemic period.

vi. Hosted public awareness campaigns about COVID19 on social media platforms (Facebook, Instagram, twitter and YouTube) of media centre, BBAU during Pandemic period.

vii. Produced a promotional video for University Admission-Session 2021-22

viii. Graphic Designing of BBAU Admission Prospectus 2021-22

ix. Providing Audio-Video assistance for Webinars during Pandemic period.

x. Brochure and Print material designing for University.

University Sophisticated Instrumentation Centre (USIC)

The University Sophisticated Instrumentation Centre (USIC) is established as a central 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 research as 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:

i. Scanning Electron Microscope (SEM), Model: JSM 6490 LV, Make: JEOL, Japan
ii. X-Ray Diffraction (XRD), Model: D8 Advance Eco, Make: Bruker, Germany
iii. Inverted Laser Scanning Confocal Microscope (ILSCM), Model: LSM900, Make: Zeiss, Germany
iv. Preparative HPLC, Model: LC-20AP, Make: SHIMADZU, Japan
v. Fast Performance Liquid Chromatograph (FPLC), Model: AKTA 10, Make: GE-Healthcare Bio-Science, Hong Kong
vi. Fourier Transform Infra-Red Spectrometer (FTIR), Model: Nicolet 6700, Make: Thermo-Scientific, USA

1. Apart from the above equipment the following minor equipment are available in USIC:

i. High Speed Centrifuge Machine (CM12-Plus Remi)
ii. Vortex Mixer (CM101-Plus Remi)
iii. Double Distillation Unit
iv. Hot Air Oven, Deep Freezer (-40°C)
v. Deep Freezer (-40^{0}C)
vi. Electrophoresis, UV Lamp
vii. Ultrasonic cleaner
viii. Microwave oven
ix. Magnetic Stirrer with Hot Plat
x. Photoresist Spinner
xi. Research Microscope
xii. Refrigerator

2. Scanning Electron Microscope (SEM)

A Scanning Electron Microscope (JSM 6490) scans a focused electron beam over a surface to create an image. The electrons in the beam interact with the sample, producing various signals that can be used to obtain information about the surface topography and composition. It can be use

both under low & high vacuums depending on the nature of the specimens. Low vacuum with low kV (energy) provides the user the longer duration for scanning the material, the organic specimens, before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (INCA x-act) of OXFORD instruments, UK, which has enhanced the application range in a manner that any metal associated with the biological material or in isolation or in the form of alloy may be identified and also quantified. The SEM facility has also been supported with the two important preparatory units, viz., Sputter Coater of JEOL, Japan (JFC 1600, Auto Fine Coater) and Critical Point Dryer (CPD) Emitech K 850 of Quorum Technology of UK.

Information & Guidance Bureau

1. Committee for I&GB:

i.	Prof. Sangeeta Saxena (DBT)	:	Coordinator
ii.	Dr. Ravi Kumar Gupta (DEM)	:	Co-coordinator
iii.	Dr. V. M. Ravi Kumar (D.H.)	:	Member
iv.	Dr. Rashida Ather (HR)	:	Member
v.	Dr. Jyoti Pandey (DAC)	:	Member
vi.	Dr. Pranav Kumar Anand (DE)	:	Member
vii.	Dr. Lata Bajpayee (DRM)	:	Member
viii.	Dr. Vineet Kumar (DLISc)	:	Member

2. Overview

As a yet another step in the continuous process of developing Babasaheb Bhimrao Ambedkar University, Lucknow to one of the best of its kind in the nation, it was decided to establish an Information and Guidance Bureau (I&GB) in the campus. In order to build the career, the students need to know what the options available are and where and how they can achieve it. In order to cater these precise needs of the students, the I. & G.B. came into existence since 27.08.07 and is committed to do the needful for the benefit of the students, alumni and scholars of the campus. The Cell also caters to the need of society by organizing awareness campaigns on women, literacy, health and hygiene in slums and villages time to time.

In order to build their career, students need to know what the options available to them are and where and how they can achieve it. To cater to these precise needs of the students, the Information and Guidance Bureau (I&GB) was started in August 2007 and is committed to do the needful for the benefit of the students and alumni. The I & GB of the University is engaged in rendering meaningful services to the student community in matters of securing various placements matching with their qualification and aptitude, education loans, higher education, competitive exams, scholarship, fellowships and assistantships available in India and abroad.

The main function of the Bureau is to disseminate the Employment Information for various courses offered by the University. The students are explained about various job opportunities, qualifications, age limits, and scheme of competitive examinations and about higher education in India and abroad.

Tasks of the bureau are to conduct Career Conferences where eminent personalities from different walks of life will address the students, collect and display various career-related information, provide handbooks of foreign Universities, newspapers, bulletin of sister bureau, Employment News and occupational information files for the reference of students. Further, it is also to render vocational guidance to the students individually or in groups and to collect and disseminate the occupational information, Training facilities, financial assistance available in India and abroad.

3. Aims & Objective

- **Career guidance:**

i. To collect and disseminate information regarding scholarships, fellowships, training facilities, admission and various professions etc.

ii. To help the students with availability of various career guidance literature magazine at the bureau.

- **Information about Competitive examinations:**

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 :**

To give information on various courses of higher studies in India and abroad

- **Employment Guidance & Assistance :**

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 :**

i. To help the University Placement cell in organizing campus interviews

- **Self-Employment :**

i. To impart vocational guidance to the students

ii. To get enterprising unemployed youths acquainted with the facilities and incentives under self-employment scheme for the Registered unemployed.

- **Personal Guidance :**

i. Making the students understand their own personality traits. And making them aware of their interest, aspirations, aptitude, strengths and weaknesses.

ii. Solution of specific personal problems of students.

- **Apart from above, students also receive constant academic counseling from the teachers at the department level.**

4. Activities organized by I&GB

Activities in 2020-2021:

Topic: “Career aspects in the area of Biotechnology”

Date &Time: Friday, September 10, 2021 3:00 – 4:00pm

Venue: Google Meet joining info:

Video call link: https://meet.google.com/agy-omat-epa

5. Conclusions:

Information & Guidance Bureau organized a webinar on the above topic for the undergraduate, postgraduate and PhD scholars on the said date and time. The webinar was very well received from the university students and they actively participated in the event. Below are the main highlights of the event:

i. Dr. Ravi Kumar Gupta welcomed Prof. Sangeeta Saxena, Dr. Suni Babu, Dr. Monica Sharma and DR. Yusuf Akhter as guest speakers in the event. He also welcomed the committee members and students present in the webinar and introduced the role and functions of I&GB in the university.

ii. All the speakers delivered the lecture on the above topic and explained the role of biotechnology in their career progression and opportunities available in this subject area in India and abroad.

iii. They also explained about the importance of biotechnology in our daily life and how we can apply biotechnologies to advance our living standard.

iv. Prof. Sangeeta Saxena explains various fellowships available in India, Dr. Yusuf Akhtar explains about the opportunities available abroad after postgraduation and PhD in biotechnology and Dr. Monica Sharma explains the job opportunities available in India. Overall it was very informative and enthusiastic webinar for the students of different departments of BBAU.

v. Dr. Ravi Kumar Gupta, co-coordinator of the I&GB given the vote of thanks to the speakers, students and concluded the seminar.

vi. More than 100 students join the program and given very positive feedbacks about the webinar.

6. Event: Career aspects in Environmental Microbiology

- **Date & Time: 12-03-2021, 3:00 PM**
- **Venue: Online through Google meet link:** https://meet.google.com/zch-gden-zed
- **Conclusions:**

Information & Guidance Bureau organized a webinar on the above topic for the 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. Below are the main highlights of the event:

i. Prof. Sangeeta Saxena welcomed Prof. Ramchandra, Head department of Environmental Microbiology as guest speaker in the event. She also welcomed the committee members and students present in the webinar and introduced the role and functions of I&GB in the university.

ii. Prof. Ramchandra delivered the lecture on the above topic and explained the role of Environmental microbiology in their career progression and opportunities available in this subject area.

iii. He explained about the importance of environmental microbiology in our daily life and how we can elevate our living standard by using good environmental practices.

iv. Prof. Ramchandra explained various career aspects available to the students after obtaining post graduate and Ph.D. Degree in this subject. How can students peruse for higher education in this subject. He mentioned about the his department courses and facilities available to the students.

v. Overall it was very informative and enthusiastic webinar for the students of different departments of BBAU.

vi. Dr. Ravi Kumar Gupta, co-coordinator of the I&GB given the vote of thanks to the guest speaker, students and concluded the seminar.

7. Event: Students perception and expectation survey

Date : 20-01-2021, Google form
Venue: Online Google form for survey: Google form link: https://forms.gle/SrcbhBGbD3PywnzLA

8. Conclusions:

I & GB had conducted an online survey on "Students perception and expectation". Total 553 students participated in this survey and given valuable feedback through Google form. As per the results observed majority of the university students showed interest in the following sessions which need to be conducted in I&GB:

i. NET preparation (UGC/CSIR)
ii. Career guidance after post graduation
iii. Employability skills
iv. Preparation for government jobs
v. Preparation for Interviews

9. Summary of On-line Orientation program-2020

Activities in 2020-2021:
Event: On-line Orientation program-2020
Date and Time: 25th November 2020 at 11:00 AM onwards
Venue:Online google meet Link:https://meet.google.com/iyx-izfq-pof
youtube link: https://youtu.be/Obhub7FFwYo
facebook: BBAU_Social Media

10. Conclusions:

Information and Guidance Bureau of BBAU had organised an On-line orientation program-2020 for the newly admitted students for the session 2020-2021. Program was started with the welcome address by the coordinator I&GB, Prof. Sangeeta Saxena and floral tribute was payed to Dr. B. R. Ambedkar Ji, after that BBAU Kulgeet was played. Coordinator welcomed the hon'ble vice chancellor Prof. Sanjay Singh to address the students. Hon'ble vice chancellor congratulated the newly admitted students who have cleared national level test and admitted for the new session in BBAU. He told the students about the principles and values of Dr. Ambedkar Ji and achievements of BBAU in the areas of academics, social responsibilities and cocurricular activities.

Coordinator of I&GB welcomed the chief guest of the program Mr. Mukesh Meshram, IAS and Principle secretary cultural and tourism department of U.P. He blessed the students and suggested to self-evaluate yourself. How the students can improve their life by gaining new knowledge and influence their neighborhood. He also suggested students to learn and practice more for their overall development not only in study but also healthy life style by adapting simple living and high thinking.

Coordinator of I&GB then welcomed all the officials of the university according to the minutes of the program and asked them to enlighten the newly admitted students by the facilities and opportunities presently available in the BBAU. Different officer in-charge blessed the students by providing the detail instructions and information of the centers present in the BBAU such as Students welfare, Health center, Library, NSS, Remedial coaching classes, Yoga wellness program, Basic facility for women, USIC and placement cell.

Director IQAC Prof. D. P. Singh summarized the achievements of BBAU and suggested the students to do best in study because they are the real ambassador of the university. Finally, Registrar Prof. Victor Babu gave the vote of thanks to the hon'ble Vice Chancellor, Chief guest Mr. Mukesh Meshram and all the officials of the university who participated in the program.

Center for Industry Institution Partnership Program (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. The centre has formulated patent and consultancy rules, published two BBAU Research Bulletins and has organized some conferences and workshops for connecting the faculty and students to have the exposure of Industrial needs and develop research plans for collaborations.

2. Highlights of the Centre:

The Advisory Committee and Executive Committee have been reconstituted and their meetings were held on 26/07/2021 and 11/10/2021 respectively. The Advisory Committee consisting members from Industry, Research Institution and University in the meeting held on the Chairmanship of the Hon'ble Vice-Chancellor Prof. Sanjay Singh suggested to identify the faculty and researchers interested to develop projects of industrial utility and develop a small hub to connect various industries with the research programmes of the university. Short duration courses to train our students in tune of the industrial need were also suggested. It was resolved to develop an executive plan for speeding the partnership between industry and institution. The Executive Committee of CIIPP in its meeting held on 11/10/2021 worked out a mechanism to involve faculty and students for proposing industrial collaboration and short term courses suitable for job facilitations to our students in the targeted industries. The two industrial collaboration developed one by Professor Naveen Kumar Arora, Department of Environmental Sciences with Sri BioAesthetics Pvt. Ltd., Hyderabad supported by BIRAC project of Department of Biotechnologies, Government of India, New Delhi, Ministry of Science and Technology entitles "Development of a resilient microbial product to enhance rice yield in saline soils" and another by Professor Ram Chandra, Department of Microbiology with Industrial collaboration and sample collection from Rosa Sugar Ltd in Rosa, Shahjahanpur.

Dean Students' Welfare

Dean Students' Welfare, section is for the welfare of the students. At present Dean Students' Welfare offers 06 (Six) (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.

i. Prof. B.S. Bhadauria, DSW
ii. Dr. P. Mohanty, Dy.DSW (Women)
iii. Dr. Anjani Kumar Tiwari, Dy.DSW (Male)
iv. Dr. M.L. Meena, ADSW (Allotment)
v. Dr. Jay Shankar Singh, ADSW (Maintenance)
vi. Dr. Siddhartha Shankar Rai, ADSW (Cultural)
vii. Dr. Deepa Raj, ADSW (Allotment)
viii. Dr. Taruna, ADSW (Maintenance)
ix. Dr. Preety Choudhari, ADSW (Cultural)
x. One Data Entry Operator (DEO)
xi. One Multi Tasking Staff (MTS)
xii. One Carpenter
xiii. One Carpenters' Helper

Some Social and Welfare Activities which are performed by the DSW and its Team

i. Hostel exit morning timing for girls was lowered from 6:30 to 5:30.
ii. Vice Chancellor discretionary fund provision was made available in the University and fund under the provision was distributed to poor students.
iii. 100% students from out of state were allotted hostels.
iv. PwBD students were given preference during hostel allotment and allotted room on ground floors near washrooms.
v. 100% girl students were allotted hostels.
vi. For overall Development of students. Cultural Programmes (evening) were organized during Foundation Day, Republic Day, Independence Day and students took part enthusiastically under the guidance of ADSW Cultural (M&W).
vii. Gender Sensitization sessions for the first time, in all the girls and boys hostels, were conducted along with Students' Council members in August 2019.
viii. Counseling sessions for students are being organized by counselor on every Wednesday.
ix. To motivate students programmes were organized
    a. Speeches by Motivational Speakers.

b. Live talk by PM of India on Pariksha Pe Charcha.

x. Visit of students of class 9 to 12 of a Public Sector School in the University campus of SPDS building for gaining some higher level of knowledge which is shared by the faculties of the SPDS School.

xi. Distribution of ration to needy and poor people during the lockdown period.

xii. Arrangements of the Public Transportation (Bus) facility to the hostel students of the University to reach out their native places during the lockdown period

xiii. Visit to Defense Expo which was organized by the Defense Ministry in the February, 2020 at Lucknow.

xiv. Seminar for Students' Counseling, which is conducted by the Counselor Dr. Neha Anand in the Auditorium of the Old Admin. Block (SPDS School Building)

Gardening and Beautification Section

1. Mandate of Section:

Development and Maintenance of Horticultural and Landscaping Activities in the University Campus

2. Prof. In-charge:

Prof. Deepa H. Dwivedi

3. Horticulture Inspector:

Dr. Samir Kumar Dixit

4. Staff (contract/inspired):

i.	Office Assistant/D.E.O:-	01
ii.	DPW MTS:-	01
iii.	Driver:-	01
iv.	Head Mali/Field Supervisor:-	01
v.	Workman:-	20

5. Equipment / Items:-

The section has good infrastructure comprising following items:

i.	Tractor	02
ii.	Trolley	01
iii.	Tanker	01
iv.	Harrow	01
v.	Cultivator	01
vi.	Leveler	01
vii.	Tractor mounted grass cutter	01
viii.	Rotavator	01
ix.	Disc Plough	01
x.	Auger	01
xi.	Electric lawn mower	07
xii.	Brush Cutter	03

5. Facilities developed by the section:

i. Small Nursery fulfilling basic requirement of Landscaping, Plantation and flower decorations in various University functions.

ii. Shade house

iii. Lath house

iv. Compost pits

v. Maintenance of landscaping and beautification as per requirements of campus.

BRIEF HISTORY OF THE GARDENING & BEAUTIFICATION SECTION

The Gardening & Beautification Section (G.B.S.) is involved in bio- aesthetic planning of the campus by planting of ornamental trees, shrubs, climbers and avenue trees and maintenance of the campus and creating of ecological balance, reducing global warming and increasing the green and pleasant environment for the teaching and student fraternity. It was established in the year 2010 with infrastructural support from University.

OBJECTIVES:

i. Bio- aesthetic planning of the campus by planting of ornamental trees, shrubs, climbers and avenue trees

ii. Maintenance of the campus and creating ecological balance, reducing global warming and increasing the green and pleasant environment for University fraternity.

iii. To promote participating through regular plantation drives & Swatchata Abhiyan for Green and Clean campus.

Program conducted for the Academic year 2020-21

Activities for the Academic year 2020-21

i. Section organized **"Vraksharopan Pakhawara"** 15 August, 2020 to 1 September, 2020 with the objective of creating a green campus and igniting the awareness about plants and their benefits to society.

ii. Section organized **"Park Swatchhta Pakhwada"** on 02 October, 2020 to 15 October, 2020 for green and clean campus.

iii. Section Open **"Paudh Vikray Kendra-2020"**

Development work:-

i. Section Developed Vermicompost Unit for fullfil of basic requirement of Nursery

ii. Section Developed/landscaping infront of Ambedkar Bhawan

iii. Development and maintenance of V.C. camp office garden.

iv. Beautification of campus by planting flower plant in campus.

Maintenance work:-

Section maintained

i. 55 acre lawn in the campus.

ii. 35 acre open land is cleaned.

iii. 11000 running meter hedge for maintaining clean campus.

iv. The entire plantation executed in the past is maintained by the section through regular trimming, purning, turf management and maintenance of pots etc.

v. Maintenance and beautification of all University buildings and gardens viz., Hostels/Schools/ Administrative/Guest house/ Auditorium.

vi. Section maintains a small nursery for fulfilling basic requirement.

vii. Flower decoration like-

a. Decoration of Meeting Hall.

b. Decoration of stage during University function like

- Foundation Day.
- Convocation.
- Ambedkar Jayanti.
- Independence Day.

c. Republic Day and other University functions.

d. Preparation of Flower pots for winter/seasonal flower saplings for decoration in various program in campus.

Future Plan:-

i. To develop new sport ground in the University Campus.

ii. To develop sprinkler irrigation system Unit in Ambedkar Bhawan.

iii. To facilitate for permanent irrigation system in various gardens of the University i.e. V.C. office, back side of Environmental building, main arterial road and Rose garden etc.

iv. To develop Cactus garden in the University campus.

v. Collaboration with various Ayurvedic, Herbal garden farms from available flora in the University campus for the increasing the earning of the University.

vi. To develop a Green belt in the University campus for a pleasant and healthy environment conducive for academics.

vii. To develop water ponds in the University Campus for the recharging of ground water.

viii. To develop the **"PAUDH VIKRAY KENDRA"** for larger operation**.**

fgUnh çdk"B

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 विष्वविद्यालयों 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 उद्देष्य से किया गया है। इस दिषा में हिंदी प्रकोष्ठ द्वारा अनेक कदम उठाए गए हैं। जैसे–

i. हिंदी पत्राचार के प्रतिषत को बढ़ाना
ii. राजभाषा अधिनियम 1963 के धारा 3(3) का अनुपालन।
iii. राजभाषा कार्यान्वयन समिति की तिमाही बैठक।
iv. तिमाही हिंदी कार्यषाला, 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 प्रषिक्षण की व्यवस्था करना।

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01	श्री शिवकुमार त्रिपाठी, हिन्दी अधिकारी	नवम्बर, 2014
02	श्रीमती सन्ध्या दीक्षित, हिन्दी अनुवादक	सितम्बर,2014
03	श्री पंकज कुमार, हिन्दी टंकक	अक्टूबर,2014

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i. विभागीय राजभाशा समिति की बैठक का नियमित आयोजन ।
ii. इसके साथ ही विष्वविद्यालय में राजभाशा अधिनियम एवं नियम का अनुपालन सुनिष्चित करने हेतु सभी विभागों को आदेष जारी करना एवं इसके अनुपालन हेतु प्रयास करना।
iii. विष्वविद्यालय की हिन्दी प्रगति की तिमाही प्रगति रिपोर्ट मानव संसाधन विकास मंत्रालय एवं राजभाशा विभाग को नियमित रूप से क्रमषः डाक एवं ऑनलाइन नियमित रूप से भेजा जाना।
iv. विष्वविद्यालय की छमाही पत्रिका ''निर्णयन'' प्रकाषनाधीन है।
v. कार्यषाला/संगोश्ठी का नियमित आयोजन होता है।
vi. ई–मेल के माध्यम से यूनीकोड का लिंक भेजकर विष्वविद्यालय के समस्त विभागों/ अनुभागों के कम्प्यूटरों पर यूनीकोड संस्थापन सुनिष्चित किया जाना। http://www.bhashaindia.com/ilit/HindiPreInstall.aspx
vii. नगर राजभाषा कार्यान्वयन समिति की बैठकों में सक्रिय भागीदारी।
viii. दैनिक कार्यो में प्रशासनिक षब्दों 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।

3- fgUnh çdk"B dh uohure xfrfof/k;k&

i. दैनिक कार्यो में प्रयोग होने वाले प्रपत्रों का अनुवाद जैसे– अवकाष, मेडिकल आदि।
ii. विष्वविद्यालय के सभी नामपट्ट एवं साईन बोर्ड को द्विभाशी किया जाना ।
iii. विष्वविद्यालय में प्रषासनिक 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 पृश्ठ)
v. विश्वविद्यालय की वार्षिक रिपोर्ट का अनुवाद (प्रत्येक वर्श लगभग 400 पृश्ठ)।
vi. विश्वविद्यालय की विभिन्न सामग्रीयों का प्रत्येक वर्श लगभग 40 पृश्ठ 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।

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i. विश्वविद्यालय की वार्षिक रिपोर्ट का अनुवाद (लगभग 325 पृष्ठ)
ii. विश्वविद्यालय के वार्षिक लेखा रिपोर्ट का अनुवाद (लगभग 100 पृष्ठ)
iii. कल्चवरल सागा नामक विश्वविद्यालय की पुस्तकक का अनुवाद में सहयोग। (लगभग 100 पृष्ठ)।
iv. धारा 3(3) के तहत जारी होने वाले कागजातों का अनुवाद (लगभग 113 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 पृश्ठ)
viii. विश्वविद्यालय की सभी उपाधियों (डिग्री) हेतु नाम का लिप्यंतरण ।
ix. हिंदी प्रकोश्ठ द्वारा आयोजित कार्यक्रमों में सहयोग प्रदान करना ।
x. हिंदी प्रकोश्ठ में प्राप्ति पत्रों को फाइल पर प्रस्तुत करना ।
xi. कुलपति महोदय की पुस्तक के अनुवाद में सहयोग।

5- jkt Hkk"kk dk;kUo;u l lEcfU/kr dk;&

i. हिन्दी तिमाही प्रगति रिपोर्ट का ऑनलाइन प्रेशण।
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 राजभाशा से सम्बन्धित माँगी गई सूचना का प्रेशण करना ।
iv. प्रत्येक तिमाही में विभागीय राजभाशा कार्यान्वयन समिति की बैठक आयोजित करना एवं उसमें राजभाशा कार्यान्वयन संबन्धी विशयों पर चर्चा करना ।

v. राजभाशा कार्यान्वयन हेतु कुलपति महोदय के अनुमोदन से आदेष जारी करना एवं अनुपालन की मॉनीटरिंग करना जैसे– धारा 3(3) का अनुपालन एवं सभी नामपट्ट, साइनबोर्ड, मोहर आदि को द्वि वभाशी 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।

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i. हिन्दी पत्राचार का प्रतिषत बढ़ाना।

ii. हिन्दी वेबसाइट एवं कार्यालय आदेष का नियमित अनुवाद करना।

iii. मंत्रालय एवं यू0जी0सी0 को भेजने हेतु हिन्दी तिमाही रिपोर्ट को विभिन्न विभागों/अनुभागों से समय पर प्राप्त करना।

iv. वार्शिक 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 गोश्ठियों आयोजन ।

vii. प्रत्येक तिमाही राजभाशा कार्यषाला का आयोजन करना ।

viii. तिमाही राजभाशा कार्यान्वयन समिति की बैठक का आयोजन करना।

7- jkt Hkk"kk dk;kZUo;u esa Hkkxhnkjh&

i. नगर राजभाषा कार्यान्वयन समिति के बैठकों में सक्रिय भागीदारी ।

ii. अखिल भारतीय राजभाशा संगोश्ठी में भागीदारी ।

iii. विश्व हिन्दी सम्मेलन भोपाल में भागीदारी ।

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i. प्रत्येक वर्ष सितम्बर माह में हिंदी पखवाड़ा का आयोजन करना।

ii. वार्शिक प्रतिवेदन,लेखा प्रतिवेदन, सीएजी रिपोर्ट एवं बैठकों के कार्यवृत्त का षीघ्र अनुवाद करना।

iii. हिन्दी वेबसाइट एवं कार्यालय आदेष का नियमित अनुवाद करना।

iv. कोड, मैनुअल, प्रपत्र, प्रकिया और अन्यै साहित्यत का अनुवाद करना।

v. हिंदीत्तर भाशी कर्मचारियों को हिंदी प्रषिक्षण हेतु नामित करना।

9- çf'k{k.k&

- हिंदीत्तर भाशी शैक्षणिक एवं षिक्षणेत्तर कर्मियों को भारत सरकार की हिंदी षिक्षण योजना के तहत हिंदी का प्रषिक्षण दिलाया गया।
- प्रशिक्षण हेतु कार्यषालाओं का आयोजन किया गया।

क्रम.सं.	नामित शिक्षक एवं कर्मचारियों की संख्या	नामित सदस्यों का पदनाम	प्रषिक्षण
1.	8	7 शिक्षक 1 कर्मचारी	प्रबोध हिन्दी प्रषिक्षण

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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 प्रतिषत को बढ़ाना।

iv. सभी शैक्षणिक एवं शिक्षणेत्तर कर्मियों को राजभाषा नीति से अवगत कराना।

v. विश्वविद्यालय के प्रकाषन कार्य में सहयोग करना ।

Financial Statement

ABSTRACT OF THE FINANCIAL STATEMENT

1st APRIL 2020 TO 31st MARCH 2021					
		2020-2021		2019-2020	
S No.	Particulars	Amount	Amount	Amount	Amount
1	Total Receipts side of Receipts & Payment Account		1,42,60,51,649.75		1,44,02,24,233.22
	a) Grants Received During the year	79,61,17,213.50		80,03,71,648.00	
	b) Earmarked Fund				
	c) Interest received	51,34,862.00		1,29,86,085.00	
	d) EMF Receipts	4 45,15,819.00		5,64,96,846.50	
	e) Other income	12,04,50,103.74		16,46,20,133.74	
	f) Any Other receipts	4,24,46,548.79		60,49,445.00	
	g) Opening Balance in Cash & at Bank	41,73,87,102.73		39,97,00,074.98	
2	Total Payment side of Receipts & Payment Account		1,42,60,51,649.75		1,44,02,24,233.22
	a) Expenses of Non Plan Account	79,63,51,357.45		89,22,59,500.84	
	b) Expenses of Plan Account	12,29,09,420.00		2,55,22,147.00	
	c) Earmarked Fund	3,99,76,638.72		6,68,25,813.88	
	d) Investment	1,30,46,865.00		1,27,96,000.00	
	e) Other Payment	7,80,72,651.29		56,36,832.00	
	f) Closing Balance in Cash & at Bank	37,56,94,717.30		43,72,,79,102.73	
3	Income Plan / XII Plan		2,52,01,270.00		2,52,01,270.00
	a) Grants / Subsides	57,36,075.00		2,21,29,164	
	b) Interest Earned	2,15,897.00		30,72,106.00	
4	Expenditure Plan		26,09,476.00		26,09,476.00
	a) Establishment Expenses	7,47,404.00		38,498.00	
	b) Administrative Expenses	5,086.00		16,65,215.00	
	c)Academic Expenses	26,72,590.00		8,46,424.00	
	d) Repairs & maintenance	0.00		59,339.00	
5	Income - Non Plan		81,61,22,055.74		81,61,22,055.74
	a) Grants / Subsidies	72,18,92,343.00		65,50,53,939.00	
	b) Fees / Subscription	11,80,88,604.24		15,61,49,490.74	
	c) Interest Earned	30,37,178.00		6,67,143.00	
	d) Other Income	41,74,283.00		42,51,483.00	
6	Expenditure - Non Plan		42,84,01,307.02		42,84,01,307.02
	a) Establishment Expenses	60,95,59,803.13		32,42,16,363.00	
	b) Administrative Expenses	13,13,40,977.10		15,10,41,515.67	
	c)Academic Expenses	7,36,62,455.00		35,80,56,400.00	
	d) Repairs & maintenance	1,73,87,807.00		1,62,45,440.00	
7	Depreciation On Fixed Assets	5,98,31,633.98		5,69,25,136.06	
8	Profit / (Loss) Earned During The Year		(3,89,28,009.08)		(6,38,00,564.16)
	Non Plan Account Profit				
	Plan Account Profit				
9	Fixed Assets & Capital WIP		2,48,99,55,370.56		2,41,01,92,577.58
10	Investment				
11	Current Assets, Loan & Advance		77,05,91,751.54		75,56,56,793.74
12	Earmarked Fund		5,64,56,490.66		3,16,34,122.47
13	Current Liabilities & Provisions		63,95,71,944.71		62,87,77,191.00
14	Capital Fund		2,56,45,18,686.73		2,50,54,38,057.84

Annual Report 2020-21

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(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

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