

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY
LUCKNOW
प्रज्ञा शील करुणा
ESTABLISHED 1996

ANNUAL REPORT 2021-22



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow - 226025

ANNUAL REPORT

2021-22

Babasaheb Bhimrao Ambedkar University
(A Central University)
Vidya Vihar, Raebareli Road, Lucknow - 226025
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Hon'ble President of India

Shri Ram Nath Kovind

Chancellor

Dr. Prakash C. Bartunia

Vice- Chancellor

Prof. Sanjay Singh

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

Deans of the School

School of Information Science & Technology	Prof. Sanjay Kumar Dwivedi
Ambedkar School of Social Sciences	Prof. B. B. Malik
School of Life Sciences	Prof. Kamal Jaiswal
School of Earth & Environmental Sciences	Prof. Naveen Kumar Arora
School of Home Science	Prof. Sunita Mishra
School of Education	Prof. Harishankar Singh
School of Legal Studies	Prof. Preeti Misra
School of Management and Commerce	Prof. Kushendra Mishra
School of Physical and Decision Science	Prof. B. S. Bhadauria
School of Languages and Literature	Prof. Sarvesh Kumar Singh
School of Media and Communication	Prof. Govind Ji Pandey
School of Agricultural Sciences and Technology	Prof. Sanjay Kumar
School of Pharmaceutical Sciences	Prof. Gaurav Kaithwas
School of Sanskrit & Indic Studies	Prof. Ripu Sudan Singh

Heads /Directors/Coordinators

1.	History	Prof. Victor Babu
2.	Political Science	Prof. Shashi Kant Pandey
3.	Public Administration	Prof. Ripu Sudan Singh
4.	Sociology	Prof. Jaya Shrivastava
5.	Economics	Prof L. C. Mallaiah
6.	Bio-Technology	Prof. Sangeeta Saxena
7.	Zoology	Prof. Kamal Jaiswal
8.	Computer Science	Prof. Sanjay Kumar Dwivedi
9.	Information Technology	Dr. Dhirendra Pandey
10.	Library & Information Science	Dr. Shilpi Verma
11.	Environmental Science	Prof. Shikha
12.	Environmental Microbiology	Prof. Ram Chandra
13.	Geology	Dr. Narendra Kumar
14.	Education	Dr. Hari Shankar Singh
15.	Human Development & Family Studies	Prof. Sunita Mishra
16.	Food & Nutrition	Prof. Sunita Mishra
17.	Human Rights	Dr. Preeti Misra
18.	Law	Dr. Sanjeev Kumar Chadha
19.	CPGLS	Prof. Priti Saxena
20.	Rural Management	Prof. Kushendra Mishra
21.	Commerce	Prof. Md. Shakil Khan
22.	Chemistry	Prof. Gajanan Pandey
23.	Mathematics	Prof. B. S. Bhadauria
24.	Physics	Dr. Bal Chandra Yadav
25.	Statistics	Prof. Surinder Kumar
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.	Media Centre	Prof. Gopal Singh
30.	Horticulture	Prof. Deepa H. Dwivedi
31.	Pharmaceutical Science	Prof. Gaurav Kaithwas
32.	Department of Sanskrit and Vedic Studies	Prof. Ripu Sudan Singh
33.	University Institute of Engineering and Technology (UIET)	Prof. R. A. Khan
34.	Yoga	Dr. Hari Shankar Singh
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



I feel privileged to present the 25th Annual Report for the year 2021-22 of this University which distiguishes itself as a learning community of high-quality scholarship and academic rigor sustained by principles of social justice and equity for which Babasaheb Bhimrao Ambedkar worked during his lifetime. I joined this University with commitment to raise the standard of education and to meet the objectives of the foundation of this University.

In spite of the horrible impact of Covid Pandemic, the University has made the best possible efforts to bring back its lost vibrancy and liveliness. The University remembered the beloved one who had been lost during pandemic and reiterated its commitment to move ahead further.

The University, during the year, has undertaken various new initiatives for improving infrastructure, campus development, the welfare of the faculty and students, empowerment of women and weaker sections, creation of sports, health and other facilities, establishing new hostels for students. The University is making serious efforts to attract the students from other countries. Office for International Affairs has been created exclusively for helping the international students in their academics sojourn. An office of Dean, Research & Development is established to promote research and consultancy services. The recruitments of the University

have not only expanded its faculty strength but have also enhanced the research output and academic environment. The University continued conducting ONLINE CLASSES for the Students/Research Scholars during the Pandemic.

The University was ranked 65th under University category and classified among the group of top 101-150 institutions under overall category of the National Institutional Ranking framework (NIRF-2021). Most of the Faculty members have attracted funded research projects from various research funding agencies. Tremendous support of non-teaching staff is also one of key factor behind the achievements of the University.

Looking ahead, we are hopeful that we will set up new heights in the academic arena and will produce more empowered and capable students who will contribute to the nation and the society. Importantly, this all would not be possible without the support and guidance of the University Grant Commission and Ministry of Education. I am also thankful to them from the bottom of my heart.

Sanjay Singh

Board of Management

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

5 **Prof. B. S. Bhadauria**
Dean, School of Physical & Decision Sciences

6 **Prof. B. C. Yadav**
Deptt. of Physics

7 **Prof. D. R. Modi** Deptt.
of Biotechnology

8 **Dr. Venkatesh Kumar R.**
Associate Professor, Deptt. of Zoology

9 **Dr. Sufiya Ahmed**
Assistant Professor, Deptt. of Law

10 **Prof. (Retd.) Kailash Sodani**
Former Vice-Chancellor, Govind Guru Tribal University, Banswara, Rajasthan

11 **Prof. Shailesh N. Zala**
Former Vice-Chancellor, Maharaja Krishnakumarsinhji, Bhavnagar University, Gujarat

12 **Dr. Bandana Jha**
Associate Professor, (Hindi) & Coordinator, Mass Communication and Journalism Cell,
Vasanta College for Women, Rajghat, Varanasi, U.P.

13 **Prof. Geeta Singh**
Director, Centre for Professional Development in Higher Education, UGC-Human Resource
Development Centre, University of Delhi

14 **Secretary BOM**
Registrar
BBAU, Lucknow

Academic Council

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Prof. Shashi Kant Pandey
Department of Political Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Dr. Narendra Kumar (Asso. Prof.)
Head, Department of Geology
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

Dr. Venkatesh Kumar R., Asso. Prof.
Department of Zoology
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

Dr. P.S. Rajnikanth, Asso. Prof. Department of
Pharmaceutical Science Babasaheb Bhimrao
Ambedkar University, Lucknow.

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

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

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

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

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

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

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

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

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

Finance Committee

Prof. Sanjay Singh
Vice Chancellor, BBA University

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

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

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

Finance Officer
Allahabad University, Prayagraj

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

Prof. B. B. Malik
Professor
Department of Sociology,
Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Ajay Kumar Mohanty
Ex-Officio Secretary
Finance Officer
Babasaheb Bhimrao Ambedkar University, Lucknow

Planning Board

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

Prof. Bhoomitra Dev
Ex-Vice-Chancellor

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

Er. Milind Kamble
Founder Chairman, DICCI

Dr. Bijendra Singh
Director General, UPCAR, Lucknow

Prof. Yogendra Pratap Singh
UGC Nominee

Deputy Registrar
Finance, BBAU

Registrar
BBAU

School of Agricultural Sciences and Technology

Introduction

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

Number of Departments:

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

Department of Genetics and Plant Breeding (Proposed one)

Special Highlight of the Schools

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

For conducting experiments(Research trials), the department has two Horticultural Research Farms and a state-of-the art Laboratory and Green House Structures of various types' viz., fiber glasshouse, poly house, shade net house and wire net house. Besides this, Department organizes regular presentation of the students inform of seminars on a weekly basis, especially for the final year (IVth semester) students, in order to enhance their orientation /communication skills and to create general awareness amongst them on different aspects of Horticulture. The department also encourages to students for attending/participating in the seminar, conference, workshop, exhibition, farmers' fair etc. on Horticultural crops. In addition to this, every year students of the department are allowed to attend the ‗Flower Show' as organized by NBRI, Directorate of

Horticulture U.P. Government at Raj Bhawan; Fruit Nursery Visit to Progeny Orchard, Malihabad, Farmers' Fair at CIMAP, IISR and Mango Show/Showcasing of Agricultural Technologies/innovation through exhibition CISH, Lucknow.

DEPARTMENT OF HORTICULTURE

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

About B. Voc. (Floriculture and Landscape Gardening)

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

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

Course Offered:

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

Facilities available in the department:

Teaching facilities (Classrooms)

- ***0*** Well-equipped classrooms for Masters as well as Ph.D. programmes are available
- ***I*** Well-equipped smart classroom available in the department.
- ***II*** Use of modern teaching aids by faculty

Horticulture PG/Research Laboratories

Basic Laboratory equipment"s available:

- ***0*** Digital Hand Refractometer
- ***I*** Digital Vernier Callipers
- ***II*** Centrifuge
- ***III*** Rotary Evaporator
- ***IV*** Spectrophotometer
- ***V*** Power Tiller
- ***VI*** Laminar Air flow

Electrophoresis unit
Portable Digital Leaf Area meter

Horticulture Research Farm

- **0** Fruit Germplasm Block
- **I** Various Protected /Greenhouse Structures
- **II** Micro-irrigation systems like:
  - **0** Micro-sprinkler
  - **I** Fogger
  - **II** Drip irrigation
  - **III** Equipments like mechanized Brush Cutter, Duster cum sprayer and Pole Pruner

Details of Faculty:

Prof. R. B. Ram
Professor
Specialization: Fruit Science (Pomology) in Horticulture under Agriculture Sciences.
Qualifications: M.Sc. (Ag.), Ph.D. (Hort.)

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

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

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

Dr. Sutanu Maji Assistant Professor
Specialization: Fruit Science (Horticulture).

Qualifications: M.Sc. (Hort.), Ph.D. (Hort.)

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

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

Details of Seminar / Conference organized by the department:

- ***0*** 5th International Conference on —Innovative Approaches in Applied Science and Technologies‖ during 03-05 December 2022 in collaboration with Scientific & Educational Research Society Meerut, India & Department of Horticulture, School of Agricultural Sciences &Technology Babasaheb Bhimrao Ambedkar University, Lucknow

Other departmental level Academic Activities:

Underutilized Horticultural Crops of North Eastern Region by **Dr. B. N. Hazarika,D**ean,College of Horticulture&Forestry Central Agricultural University, Pasighat on 22.11.2021

- Hybridizing and Selecting of Cymbidium Orchids for cut flowers and pot plants by **Dr. Ram Pal, Acting Director**, ICAR-National Research Centre for Orchids, Pakyong-737106, Sikkim on 24.11.2021.

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

- Introduction, Evaluation and Maintenance the Germplasm of Fruit Crops
- Introduction, Evaluation and Maintenance of Ornamental Aquatic Plants namely Lotus, Water lily, Water chestnut etc.
- 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.)
- Development of Botanical Garden (20 acres)
- Biodiversity Conservation Park cum Natural Lake, (10 acres)
- Development of Greenery through plantation program in BBAU campus

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

Prof. R. B. Ram:

Member of Academic bodies

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

Life member of professional/academic bodies:

The Horticultural Society of India, New Delhi, India
The Indian Society of Vegetable Science, Indian Institute of Vegetable Research, Jakhini Shahanshpur, Varanasi.
The Indian Society of Ornamental Horticulture, New Delhi
The Horticultural Society of Haryana, India
The Society for Advancement of Horticulture, Nadia, West Bengal.
The Indian Science of Congress Association, Kolkata.
The Indian Society of Horticultural Research & Development, Uttrakhand
The U.P. Academy of Agricultural Science, UPCAR, Lucknow

Prof. Sanjay Kumar

Member of Academic bodies

Chairperson, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
Expert member for various posts of U.P.P.S.C., Allahabad
Worked as Chairperson, Departmental Research Committee, B.B.A.U., Lucknow up to 08.03.22
Worked as Chairperson, Board of Post-Graduate Studies, B.B.A.U., Lucknow up to 08.03.22.
Worked as Chairperson, Admission Committee, B. B. A. University, Lucknow up to 08.03.22
Member, Academic Council, B. B. A. University, Lucknow
Subject Matter Specialist of Affiliation Committee of Various Universities
Coordinator(s), One-Day Lecture Series Seminar in Department of Horticulture
Worked as Head, Department of Horticulture w. e. f. 09.03.2019 to 08.03.2022.
Ph. D. Thesis evaluation and Viva-voce examination of B. H. U., Varanasi
Ph. D. Thesis evaluation of H. N. B. Garwal University, Srinagar (Uttarakhand)
Ph. D. Thesis evaluation of C. C. S. University, Meerut
Ph. D. Thesis evaluator and Expert for viva-voce examination of CSAUA&T, Kanpur
Ph. D. Thesis evaluation of S. H. U. A. T. S., Naini, Prayagraj
Paper setter and Practical examiner of Integral University, Lucknow
M. Sc. (Ag.) Horticulture Thesis Evaluator of Integral University, Lucknow
Ph. D. Thesis evaluator and Expert for viva-voce examination of B. H. U. Varanasi
M. Sc. (Ag.) Horticulture Thesis Evaluator of B. H. U. Varanasi
Member Board of Studies of V.B.S. Purvanchal University, Jaunpur
Member Board of Studies of H. N. B. Garwal University, Srinagar (Uttrakhand)
Judge of Pradeshik Shak-Bhaji Evam Puspa Pradarshini, Raj Bhawan, Lucknow
Expert member of selection committee of Assistant Professor of SHUATS, Prayagraj
Paper setter of various courses of BUAT, Banda
Paper setter of CSAUA&T, Kanpur
Member of Screening Committee of BBAU, Lucknow

PROFESSIONAL MEMBERSHIP:

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

Prof. Deepa H. Dwivedi:

Member of Academic Bodies

0 Member of Board of PG studies, Department of Horticulture, CHF, Jhalarapatan, Jhalawar, Rajasthan
I Chairperson, Internal Compliant Committee, BBAU, Lucknow
II Coordinator, Department of Skill and Vocational Studies, BBAU, Lucknow
III Professor-In-Charge, Gardening and Beautification, BBAU, Lucknow
IV Chairperson, Board of Post Graduate Studies, DoH, BBAU, Lucknow
V Chairperson, Departmental Research Committee, DoH, BBAU, Lucknow
VI Chairperson, Board of Under Graduate Studies, DoH, BBAU, Lucknow

Dr. M. L. Meena:

Member of Academic Bodies

0 Assistant Dean Student Welfare of the University
I Assistant Proctor of the University
II In-charge of estate office of the university
III Member of Proctorial Board of the University
IV Member of the Deptt. Research Committee
V Member of Board of Studies of Horticulture
VI Member of Board of Under Graduate Studies for B.Voc
VII Member of School Board, SB & BT
VIII Member of Deptt. Purchase Committee
IX Member of Admission Committee
X Member of the Beautification Committee of the University
XI Member of the SC/ST Advisory Committee of the University
XII Member of the University Service Scheme of BBAU
XIII Member of Deptt. NAAC Committee
XIV Judge of Pradeshik Shak-Bhaji Evam Puspa Pradarshini, Raj Bhawan, Lucknow
XV Paper setter of various courses of BUAT, Banda

Professional membership:

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

Dr. Sutanu Maji:

Member of Academic Bodies

0 Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
I Member, Departmental Research Committee, B.B.A.U., Lucknow
II Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
III Member, Admission Committee, B. B. A. University, Lucknow
IV Member, RDCU, B. B. A. University, Lucknow

Professional membership:

I Life member of Crop and Weed Science Society BCKV
II Life member of Hi- Tech Horticulture Society, Meerut
III Life member of SVWS, Lucknow
IV Life member of Biosciences and Agriculture Advancement Society, Uttar Pradesh
V Life member of International Society for Minor Fruits, Medicinal and Aromatic Plants

Paper Setter

External Paper setter UBKV, West Bengal
External Paper setter RKMV University, Ranchi.

Editorial Board

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

Reviewer of Journals

Panel reviewer **Elsevier,** Scientia Horticulture, Journal of Soil Science and Plant Nutrition, International Journal of Science, Technology & Society, International Journal of Minor Fruits, Medicinal and Aromatic Plants

Dr. Ravi shankar verma:

Member of Academic Bodies

In-charge, Sanitation Section, BBAU
Member, Garden and Beautification Committee, BBAU
Member and Convenor, Proctorial Board, BBAU
Member and Convenor, Botanical Garden Committee, BBAU
Member, School Board, School of Agricultural Sciences &Technology, B. B. A. U., Lucknow
Member, Departmental Research Committee, B.B.A.U., Lucknow
Member, Board of Post-Graduate Studies, B.B.A.U., Lucknow
Member, Admission Committee, B. B. A. University, Lucknow
Member, RDCU, B. B. A. University, Lucknow

Professional membership:

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

Dr. Rubee lata:

Member of Academic Bodies

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

Professional membership:

- ***0*** Life member of Asian Biological Research Foundation (MABRF), Prayagraj, India since December, 2019.
- ***I*** Life member of BBAU Alumni Association since 15th July, 2021
- ***II*** Asian Biological Research Foundation- Prayagraj, (India).

Details of Book written/edited by faculty members:

Sanjay Kumar and **M. L. Meena** (2021). Underutilized and Underexploited Horticultural Crops by. Vital Biotech Publication, Kota, Rajasthan, India. ISBN: 978-81-953468-5-1.

Dr.M.L.Meena, **Prof.Sanjay Kumar, Dr.Ravi Shankar, Verma,** Rajmani Singh, Som Prakash, Jitendra Kumar(2021) **Recent Trends in Horticulture(ISBN:978-81-953069-8-5**) published by Learning Media Publication ,Meerut(U.P.) India.

Dr. Ravi Shankar Verma (2022) **Fundamentals of Horticulture, Volume 1st (ISBN:978-93-92953-02-6)** published by Vital Biotech Publication (An International Publishers)Rajasthan, India

Sutanu Maji and Ankit Kumar Goyal (2022). Dragon fruit ki boiganik kheti (ISBN 978-93-92953-43-9).

Dr. Ravi Shankar Verma, Rubee Lata, R.B.Ram and Shiv Shankar Verma (2021) **Dragon fruit** published in **Minor Fruits, Volume 1st** Page no. 36-44**(ISBN:978-81-953468-6-8)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Anil K. Singh, Minakshi Padhi, Anjana Sisodia, **Sanjay Kumar**, Vandana Sisodia and Sushil K. Chaudhary (2021). Diseases of Horticultural crops. Diagnosis and Management Vol. 3: Ornamental Plants and Spice Crops (2021). Disease Spectrum in Zinnia Crops (Zinnia spp.) Strategies 169-196.. ISBN: 978-1-77188-991-9.

Shubham Singh, Shatrunjay Yadav, **Sanjay Kumar**, Abhilash Singh, Sandeep Yadav and Ramavath Ramesh Babu (2021). Horticulture Science for Doubling Farmers Income.

Speed Breeding: An Innovative Method of Crop Improvement. Brillion Publishing, New Delhi page 1-20. ISBN: 978-93-92725-03-6.

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

Razudidin, **ML Meena**, Rajmadi singh and lalit kumar (2021). Baby corn. Underutilized and Underexploited Horticultural Crops by. Vital Biotech Publication, Kota, Rajasthan, India. ISBN: 978-81-953468-5-1 pp 6-11.

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Sutanu Maji (2021). Dragon fruit: A potential future fruit for India. ISBN 978-93-91872-12-0 (Conference Proceeding)

Maya Ram, Sutanu Maji and Mata Prasad (2021) Chapter 8: Chekurmanis in —Underutilized and Underexploited Horticultural Crops" pages- 37-41 ISBN 978-81-953468-5-1. Vital Biotech Publications.

Mata Prasad, Sutanu Maji and Maya Ram (2021). Chapter 3: Basella, in —Underutilized and Underexploited Horticultural Crops" pages- 12-15. ISBN 978-81-953468-5-1. Vital Biotech Publications.

Ankit Goyal, Sutanu Maji, Sanjay Kumar and Rajmani (2021). Chapter 12: Present status of dragon fruit cultivation in India and its future prospects in —Underutilized and Underexploited Horticultural Crops". ISBN 978-81-953468-5-1. Vital Biotech Publications. pages- 63-71

Dr. Ravi Shankar Verma, Shiv Shankar Verma, H.K.Singh and Som Prakash(2021) **Aonla** published in **Minor Fruits, Volume 1st** Page no. 1-8**(ISBN:978-81-953468-6-8)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Dr. Ravi Shankar Verma, Rubee Lata, R.B.Ram and Shiv Shankar Verma (2021) **Dragon fruit** published in **Minor Fruits, Volume 1st** Page no. 36-44**(ISBN:978-81-953468-6-8)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Dr. Ravi Shankar Verma, Rubee Lata, R.B.Ram and Shiv Shankar Verma (2021) **Phalsa** published in **Minor Fruits, Volume 1st** Page no. 90-93**(ISBN:978-81-953468-6-8)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Som Prakash, **Ravi Shankar Verma**, Shree Kant Maurya, Subash Verma, Lalit Kumar **(2021)Vegatable Grafting: A New Technique** published in Recent Trends in Horticulture**(ISBN:978-81-953069-8-5**) published by Learning Media Publication ,Meerut(U.P.) India.

Harvindra Pal, Bhag Chand Shivran, **R.S. Verma** and Anuj Pal(2021) **Role of Plant Growth Regulators in Horticulture** published in **Innovative Research Technology in Agriculture Sciences Vol-3** Page no-65-73 **(ISBN:978-93-90833-39-9)** published by Scripown Publications,Delhi,110086,India.

Som Prakash, **Ravi Shankar Verma,** Shiv Shankar Verma, Rajmani Singh and Harvindra Pal **(2022**) Introduction to Horticulture published in **Fundamentals of Horticulture, Volume 1st (ISBN:978-93-92953-02-6)** published by Vital Biotech Publication (An International Publishers) Rajasthan ,India.

Rajmani Singh, **R. S. Verma**, M. L. Meena, Yogesh Chand Patel, Anushruti, Razauddin and Ankit Kumar Goyal**(2022) Major Diseases of Horticulture Crops** published in **Fundamentals of Horticulture, Volume 1st (ISBN:978-93-92953-02-6)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Rajmani Singh, M.L.Meena, **R. S. Verma**, Yogesh Chand Patel, and Dharmraj Meena**(2022) Landscaping and Ornamental Gardening** published in **Fundamentals of Horticulture, Volume 1st (ISBN:978-93-92953-02-6)** published by Vital Biotech Publication (An International Publishers)Rajasthan ,India.

Ram, R.B., Lata, S., Verma, S.S. and **Lata, R**. (2021). Chironji, In Book : Minor Fruits, edited by R.S. Verma, R.B. Ram and R. Lata, Vital Biotech Publication, An International Publisher (ISBN No. - 978-81-953468-6-8), vol. 1:31-35.

Verma, R.S., Lata, R., Ram, R.B. and Verma, S.S. (2021). Dragon Fruit, In Book : Minor Fruits, edited by R.S. Verma, R.B. Ram and R. Lata, Vital Biotech Publication, An International Publisher (ISBN No. - 978-81-953468-6-8), vol. 1: 36-44.

Lata, R., Raghavan, M. and Lata, S. (2021). Dillenia, In Book : Minor Fruits, edited by R.S. Verma, R.B. Ram and R. Lata, Vital Biotech Publication, An International Publisher (ISBN No. - 978-81-953468-6-8), vol. 1:45-55.

Raghavan, M., Lata, R. and Lata, S. (2021). Jungle Jalebi, In Book : Minor Fruits, edited by R.S. Verma, R.B. Ram and R. Lata, Vital Biotech Publication, An International Publisher (ISBN No. - 978-81-953468-6-8), vol. 1:68-77.

Kumar, S., Lata, R. and Lata, S. (2021). Mangosteen, In Book : Minor Fruits, edited by R.S. Verma, R.B. Ram and R. Lata, Vital Biotech Publication, An International Publisher (ISBN No. - 978-81-953468-6-8), vol. 1:83-89.

Paper published during the year by the faculty members:

Amit Kumar Bhargava, **R B Ram** and Prem Kumar (2022). Estimation of genetic divergence in Bottle gourd [Lagenaria siceraria (Mol.) Standl.] for yield and it's attributing traits. The Pharma Innovation Journal 2022; 11(4): 554-557.

Viplaw Kumar, **R B Ram**, RS Verma, Sanjay Kumar, Rubee Lata and Shatrunjay Yadav (2022). Studies on genetic diversity for quality parameters of mango (Mangifera indica L.) genotypes. The Pharma Innovation Journal 2022; 11(2): 1377-1379.

Rajeev Kumar, **R. B. Ram** and Pradeep Kumar (2021). Performance of tomato (Solanum lycopersicum L.) genotypes for growth, yield and quality. Annals of Plant and Soil Research 23 (4):465-468.

Viplaw Kumar, **RB Ram**, RS Verma, Rubee Lata and Som Prakash (2021). Studies on genetic diversity for morphological and biochemical aspects of mango (Mangifera indica L.) genotypes. The Pharma Innovation Journal 2021; 10(9): 2187-2190.

Bhag Chand Shivran, M.L. Meena, Sanjay Kumar, Harvindra Pal and Som Prakash (2021). Determining the combined effect of varieties and spacing on growth, yield and quality of Knolkhol (Brassica oleracea var. gongylodes L.). The Pharma Innovation Journal 2021; 10(8): 1482-1485.

S. Maji*, K. Meena and S. Kumar (2021). Influence of various length of stem cutting for successful propagation of Dragon fruit [Hylocerus costaricensis (Web.) Briton and Rose]. Crop Res. 56 (6) : 313-316.

Lalit Kumar, Sanjay Kumar, Shatrunjay Yadav, Vipnesh Singh and Yadav (2022). Effect of plant growth regulators and mulches on growth and yield of strawberry (Fragaria X ananassa Duch.) Cv. Chandler. Journal of Pharmacognosy and Phytochemistry 2022; 11(1): 189-191.

Lalit Kumar, Sanjay Kumar, RS Verma and Shatrunjay Yadav (2022). Effect of plant growth regulators and mulches on yield and quality of strawberry (Fragaria x ananassa Duch.) cv. Chandler. The Pharma Innovation Journal11(1): 291-293.

Raj Kumar Saroj, Sanjay Kumar and Shatrunjay Yadav (2022). Effect of bio-fertilizers with chemical fertilizers on growth, yield, and quality of cauliflower (Brassica oleracea var. botrytis).International Journal of Horticulture and Food Science 4(1): 26-31.

Viplaw Kumar, RB Ram, RS Verma, Sanjay Kumar, Rubee Lata and Shatrunjay Yadav (2022). Studies on genetic diversity for quality parameters of mango (Mangifera indica L.) genotypes The Pharma Innovation Journal11(2): 1377-1379.

158. Vipnesh Singh, Sanjay Kumar, Shatrunjay Yadav, Lalit Kumar and Devi Darshan (2022). Effect of nutrients and mulches on qualitative aspects of Strawberry (Fragaria × ananassa Duch.) cv. Chandler. The Pharma Innovation Journal11(2): 18-21.

Vishal Verma, Sanjay Kumar, Shatrunjay Yadav, Shreekant Maurya, and Vipnesh Singh Yadav (2022). Effect of different varieties and spacing on growth, and yield, of Amaranths (Amaranthus tricolor L.) under Lucknow conditions The Pharma Innovation Journal 11(1): 984-986.

Pratiksha Mishra, Sanjay Kumar, Shatrunjay Yadav, Anushruti and Usha shukla (2022). Effect of different varieties and spacings on growth and yield attributes of cabbage (Brassica oleracea var. capitata L.) under Lucknow conditions. The Pharma Innovation Journal 2022; 11(3): 1174-1178.

Namrta Singh, Deepa H Dwivedi, Sachin Kishor, Sutanu Maji (2021). Improvement in growth and yield of strawberry (Fragaria× ananassa Duch.) by mulch colour. Environmental Sustainability, Vol-04(04), 705-710.

Sunita, ML Meena, A. Choudhary and Nyali Meena, (2022), Impact of plant growth regulators on root development of dragon fruit cutting. Journal of Plant Development Sciences, 14(1) 51-58

R. Jangu, ML Meena, B. C Shivran and R. C.Meena (2022). Effect on root and yield parameter by optimizing the nitrogen level and adjustment of spacing in lettuce (Lactuca sativa L.). The Pharma Innovation Journal; 11(1): 1927-1931

R. Jangu, ML Meena, B. C. Shivran and R. C. Meena (2022). Determining the combined effect of nitrogen and spacing on growth parameters in lettuce (Lactuca sativa L.). The Pharma Innovation Journal; 11(2): 1740-1745

M.L. Meena, B. C. Shivran, R. K. Meena, and G. P. Singh (2021). Horticultural traits of knoll khol (Brassica oleracea var. gongylodes L.) influenced as varieties and spacing. The Pharma Innovation 10 (10) : 244-246

G. P. Singh, ML Meena, and T.R. Pankaj (2021). Effect of different level of nitrogen, phosphorus and potassium on growth and bulb yield of onion. The Pharma Innovation Journal; 10(10): 1504-1507

R.K. Singh, ML Meena, S.P. Singh, S.S.Singh, Salahuddin and D.R.Meena (2021).Influence of plant growth regulators on growth, yield and quality of onion. The Pharma Innovation Journal; 10(9): 725-727

ML Meena, T.R. Pankaj, Sanjay Kumar, Rajmani Singh and Ruchika Abha (2021). Correlation and path analysis in garden pea. HortFlora Research Spectrum. 10(1): 33-38

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

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):

S. K. 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

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

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

S Maji and A Kumar (2021). Organic Nutrition of Kharif Okra Grown at Sub Tropical Climate of Central Uttar Pradesh. Indian Journal of Natural Sciences. 12 (67): 32840 - 32845 (ISSN: 0976 – 0997)

S. Maji, K. Meena and S. Kumar (2021). Influence of various length of stem cutting for successful propagation of Dragon fruit [Hylocerus costaricensis (Web.) Briton and Rose]. Crop Research. 56 (6) : 313-316. DOI : 10.31830/2454-1761.2021.050 ISSN 970-4884

Mata Prasad and Sutanu Maji (2021). Effect of different date of transplanting for off season onion production in central Uttar Pradesh. South Asian Journal of Experimental Biology. 11 (6): 676 – 684. DOI: 10.38150/sajeb.11(6).p676-684 ISSN 2230-9799

Mata Prasad, Sutanu Maji, Maya Ram, Razauddin and Ramesh Chand Meena (2021). Performance of two cultivars of onion under different dates of transplanting as kharif production. The Pharma Innovation Journal. SP-10(12): 493-497. ISSN (E): 2277- 7695 ISSN (P): 2349-8242

Sanjay Kumar Bairwa, Sutanu Maji and Narendra Kumar Verma (2022). Variability study of ber fruits (Ziziphus mauritiana Lamk.) collected from naturally grown plants through morphological characterization. South Asian Journal of Experimental Biology. 12 (2): 262-266. DOI: 10.38150/sajeb.12(2).p262-266 ISSN 2230-9799

Rupesh Kumar Mandal, Rubee Lata, Dr. R.S. Verma and RB RAM (2021) Efficacy of different substrates on growth of Oyster mushroom (Pleutorus florida) published in The Pharma Innovation, VOL.10 (7) 2021: 1143-1145.

Rupesh Kumar Mandal, Rubee Lata, Dr. R.S. Verma and RB RAM (2021) Effect of different substrates on yield of Oyster mushroom (Pleutorus florida) published in Journal of Pharmacognosy and Phytochemistry, VOL.10 (4) 2021: 337-339.

Som Prakash, R.S.Verma, R.B.Ram, Harvindra Pal,and Bhag Chand Shivran (2021) Studies on genetic divergence for yield and quality traits in bitter gourd (Momordica Charantia L.) published in Indian Journal of Hill Farming, VOL-34,2021: 230-235.

Som Prakash, R.S.Verma, Viplaw Kumar, Harvindra Pal,and Bhag Chand Shivran (2021) Studies on growth, yield and quality parameters in bitter gourd (Momordica Charantia L.) published in The Pharma Innovation, VOL.10 (10) 2021: 357-359.

Som Prakash, R.S.Verma, R.B.Ram, Harvindra Pal,and Bhag Chand Shivran (2021) Variability Prameters of Yield and Quality Attributes in Bitter Gourd (Momordica Charantia L.) published in International Journal of Plant and Soil Science,2021,33(20):172-177

Harvindra Pal, R.S.Verma, R.B.Ram, Bhag Chand Shivran and Som Prakash (2021) Effect of NPK on vegetative flowering characters of Gladiolus (Gladiolus grandiflorus L.)cv. Big Time Supreme published in Journal of Experimental Agriculture International, VOL-34,2021: 178-185.

Harvindra Pal, R.S.Verma, R.B.Ram, Bhag Chand Shivran and Som Prakash (2021) Assesment of the Effects of NPK on vegetative growth characters of Gladiolus (Gladiolus grandiflorus L.)cv. Big Time Supreme published in Indian Journal of Hill Farming, VOL-43(6):1-8,2021.

Viplaw Kumar, R B Ram, R S verma, Rubee Lata and Som Prakash(2021) Studies on genetic diversity for morphological aspects of mango(Mngifera indica L.) genotypes published in The Pharma Innovation, VOL.10(9) 2021: 2187-2190.

xl. Kuldeep kumar Shukla, Ravi Shankar Verma, Lavkush Pandey,Jitendra Kumar Shukla, Sampurna Nand Singh and Som Prakash (2021) Effect of different types of mulches on vegetative growth characters in Strawberry (Fragaria x ananassa Duch) cv. Chandler published in The Pharma Innovation, VOL.10(12) 2021: 2641-2644.

xli. Sneh Lata, Rubee Lata, RB Ram, and Ravi Shankar Verma(2021) Morphological and anatomical adaptations of plants to cope up with environmental stress published in Journal of Pharmacognosy and Phytochemistry, VOL.10 (6) 2021: 142-147.

xlii. Lalit Kumar, Sanjay Kumar, Dr.R.S.Verma, Satrunjay Yadav and Vipnesh Singh (2022) Effect of plant growth regulators and mulches on growth and yield of strawberry (Fragaria X ananassa Duch.) cv. Chandler published in Journal of Pharmacognosy and Phytochemistry, VOL.11 (1) 2022: 189-191

xliii. Lalit Kumar, Sanjay Kumar, R.S.Verma and Satrunjay Yadav (2022) Effect of plant growth regulators and mulches on yield and quality of strawberry (Fragaria X ananassa Duch.) cv. Chandler published in The Pharma Innovation, VOL.11(1) 2022: 291-293.

xliv. Viplaw Kumar, RB Ram, RS Verma, Sanjay Kumar, Rubee Lata and Satrunjay Yadav(2022) Studies on genetic diversity for quality parameters of mango(Mangifera indica L.) genotypes published in The Pharma Innovation, VOL.11(2) 2022: 1377-1379.

xlv. Viplaw Kumar, RB Ram, RS Verma, Sanjay Kumar, Rubee Lata and Shatrunjay Yadav (2022). Studies on genetic diversity for quality parameters of mango (Mangifera indica L.) genotypes. The Pharma Innovation Journal 2022; 11(2): 1377-1379.

xlvi. Mandal, R. K., Lata, R., Verma, R.S. and Ram, R.B. (2021). Efficacy of different substrates on growth of Oyster mushroom (Pleurotus florida). The Pharma Innovation. 10(7): 1143-1145.

xlvii. Mandal, R. K., Lata, R., Verma, R.S. and Ram, R.B. (2021). Effect of different substrates on yield of Oyster mushroom (Pleurotus florida). Journal of Pharmacognosy and Phytochemistry. 2021; 10(4): 337-339.

xlviii. Lata, S., Lata, R., Verma, R.S. and Ram, R.B. (2021). Morphological and anatomical adaptations of plants to cope up with environmental stress. Journal of Pharmacognosy and Phytochemistry. 10(6): 142-147.

xlix. Lata, S., Lata, R. and Ram, R.B. (2021). Numerical taxonomic studies on Coleus forskohlii collected from different geographical regions of India. The Pharma Innovation. 10(11): 1613-1616.

Kumar, D. and Lata, R. Sustainable Gardening (2021). Agri Articles (e-Magazine for Agricultural Articles), Volume: 01 (05): 11-13.

li. Kumar, D., Lata, R., Atal, H.L. and Pal, H. (2021). Effect of bio-regulators on vegetative growth attributes and shelf life of African marigold (Tagetes erecta L.) cv. Pusa Narangi Gainda. The Pharma Innovation. 10(12): 1580-1583.

lii. Viplaw Kumar, RB Ram, RS Verma, Rubee Lata and Som Prakash (2021). Studies on genetic diversity for morphological and biochemical aspects of mango (Mangifera indica L.) genotypes. The Pharma Innovation Journal 2021; 10(9): 2187-2190.

liii. Kumar, P., Ram, R.B., Lata, R. and Kumar, S. (2021). Studies on the effect of plant growth regulators on physical parameter of guava (Psidium guajava L.) cv. Allahabad Safeda. Frontiers in Crop Improvement. 9:3947-3949.

Attended/Participated in conference/ seminar/ workshop inside country

PROF. R. B. RAM:

- **0** Webinar on Hydroponic horticulture for health and happiness organized by BSHF on 22nd June, 2021
- **I** Webinar on fruit crops improvement for health and happiness organized by BSHF on 15th June, 2021
- **II** Webinar on immunity boosting horticulture herbs and foods organized by BSHF on 01st June, 2021

/ **PROF. DEEPA H. DWIVEDI:**

- **0** National webinar on transformation of farmers, agriculture and allied sector organized by SVWS held on 27th July, 2021

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

Participated in Faculty Development Programme on topic: Redefining, Rejuvenating and Reskilling for quality teaching and research under NEP-2020 held on 25th to 30th March, 2022.

Participated as a Chief Guest at the Inaugural Ceremony of Atal Tinkering Labs at Aditya Birla Public School, Jagdishpur on 11th March, 2022.

0 Participated and invited lecture in the Faculty Induction Programme organized by UGC-Human Resource Development Centre, Deen Dayal Upadhyay, Gorakhpur held on 14th January, 2022

DR. M. L. MEENA:

0 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.

DR. SUTANU MAJI:

0 Oral Presentation at iCiAsT -2021, at Babasaheb Bhimrao Ambedkar University during 3-5 December 2021.

I International Webinar on —Fruits, Vegetables and Tropical Tubers in shaping global food and nutrition security‖ during 12 November 2021 by ICAR AICRP TC, Directorate of Research, BCKV, India and Institute of General and Physical Chemistry, Belgrade, Serbia.

II 4th Global Meet on Science and Technology during 12-13 September, 2021 at Meerut (Hitech Horticulture society)

III National Webinar on Transformation of farmers, Agriculture and allied sector, 2021, Samagra Vikash Welfare Society

IV National webinar on Nutritional health, low cost diet and nutrition during COVID 19 for rural women in India (2021). BBAU, Lucknow

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

Refresher Course on Research Methodology from 23/08/21 to 04/09/2021 (UGC-HRDC, GGV, Bilaspur (C.G.) India-495009

DR. RAVI SHANKAR VERMA:

Paper presented -1- Effect of Covid-19 Second wave on Horticulture in International web conference on COVID-19 second Wave: Challenges for Sustainable Development (CCSD 2021), 13, 14 &15 September, 2021

Integrated Nutrient Management in Horticulture in International Conference on Innovative Approaches in Applied Sciences and Technologies (iCiAsT-2021) during 03-05 December,2021 at BBAU, Lucknow (U.P.) India.

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

Refresher Course on Research Methodology from 23/08/21 to 04/09/2021 (UGC-HRDC,GGV, Bilaspur (C.G.) India-495009

DR. RUBEE LATA:

Participated in BSHF Webinar on ‗Immunity Boosting Horticulture Herbs and Foods', organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 01 June, 2021.

Attended webinar series – You, Me & Greens ‗How to grow fresh air? ' organized by Bizomia on 05 June, 2021.

Participated in BSHF Webinar Series 3H: Horticulture for Health & Happiness on ‗Indian Horticulture Journey Towards Excellence' organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 08 June, 2021.

Attended webinar series – You, Me & Greens ‗DIY Organic Home Gardening Step by Step ' organized by Bizomia on 19 June, 2021.

Organized and Participated in 5th International Conference on ‗Innovative Approaches in Applied Sciences and Technologies' jointly organized by Scientific Education Research Society, Meerut (U.P.), India and Babasaheb Bhimrao Ambedkar University, Lucknow (U.P.), India on 03-05 December, 2021.

Participated in BSHF Webinar Series 3H: Horticulture for Health & Happiness, Talk-29 on ‗Exotic vegetables for health & happiness', delivered by Dr. Pritam Kalia organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 28 December, 2021.

Participated in ‗Seeds for Future' webinar series on ‗Edible Flowers' organized by Indian Nurserymen Association on 06 January, 2022.

Participated in BSHF Webinar Series 4: Urban Horticulture for Health & Happiness, Talk-2 on ‗Avenues and opportunities in Floriculture & Landscape Gardening', delivered by Dr. S.S. Sindhu organized by Prof. Brahma Singh Horticulture Foundation [BSHF] on 01 February, 2022.

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

Refresher Course on Research Methodology from 23/08/21 to 04/09/2021 (UGC-HRDC,GGV, Bilaspur (C.G.) India-495009

Consultancy work:

Paid Consultancy with amount received:

0 Prof. Deepa H. Dwivedi, Amount-75000/-(Topic: Developing package of practices on water chestnut farming and strategies to mitigate agrochemical pollutants in haiderpur and bhootpuri wetlands) from World Wide Fund for Nature-India on 22nd March, 2022.

Details of invited lecture inside the country:

Prof. Deepa H. Dwivedi:

0 Participated in Faculty Development Programme on topic: Redefining, Rejuvenating and Reskilling for quality teaching and research under NEP-2020 held on 25th to 30th March, 2022.

I Participated and invited lecture in the Faculty Induction Programme organized by UGC-Human Resource Development Centre, Deen Dayal Upadhyay, Gorakhpur held on 14th January, 2022

Dr. Sutanu Maji:

0 Resource person for lecture on —Certificate Course on Dry Flower Processing and Floral Crafts‖ under RUSA Component 10, during 27.11.2021 to 13.02.21 at Department of Molecular Biology and Biotechnology, Faculty of Science, University of Kalyani, West Bengal.

I Resource Person at Kishan Pathshala for Trainers training Krishi Bhawan Uttar Pradesh held on 11.10.2021 NIC Building, Govt. of Uttar Pradesh

Dr. R. S. Verma:

0 Rapporteur in Scientific Session in an International Conference on Innovative Approaches in Applied Sciences and Technologies (iCiAsT-2021) during 03-05 December,2021 at BBAU, Lucknow (U.P.) India.

Students achievements:

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

S. No.	Name of the Ph.D. Scholar	Name of the Faculty
1	Shatrunjay Yadav	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
2	Anushruti	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
3	Vikas Kumar Sonkar	Prof. Sanjay Kumar, Head, Deptt. of Horticulture
4	Amit Kr. Bhargava	Prof. R. B. Ram, Professor, Deptt. of Horticulture
5	Prem Kumar	Prof. R. B. Ram, Professor, Deptt. of Horticulture
6	Shrikant Bharty	Prof. D. H. Dwivedi, Professor, Deptt. of Horticulture
7	Sudheer Kumar Yadav	Prof. D. H. Dwivedi, Professor, Deptt. of Horticulture
8	Sooraj Maurya	Prof. D. H. Dwivedi, Professor, Deptt. of Horticulture
9	Rajesh Kumar Meena	Prof. D. H. Dwivedi, Professor, Deptt. of Horticulture
10	Rajmani Singh	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
11	Ruchika Abha	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
12	Abhishek Tiwari	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
13	Razauddin	Dr. M. L. Meena, Asstt. Prof. Deptt. of Horticulture
14	Mayaram	Dr. Sutanu Maji, Asstt. Prof. Deptt. of Horticulture
15	Ramesh Chandra Meena	Dr. Sutanu Maji, Asstt. Prof. Deptt. of Horticulture
16	Vipnesh Singh	Dr. R. S. Verma, Asstt. Prof. Deptt. of Horticulture
17	Dharmraj Meena	Dr. R. S. Verma, Asstt. Prof. Deptt. of Horticulture
18	Brajendra Kr. Pushkar	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture
19	Usha Shukla	Dr. Rubee Lata, Asstt. Prof. Deptt. of Horticulture

M.Sc.(Ag.) Horticulture

Sl. No.	Name	Supervisor
1	Shaili	Prof. Sanjay Kumar, Department of Horticulture, BBAU
2	Diksha Sangh Mitra	Prof. Sanjay Kumar, Department of Horticulture, BBAU
3	Arunesh Kumar Verma	Prof. Sanjay Kumar, Department of Horticulture, BBAU
4	Virendra Kumar	Prof. Sanjay Kumar, Department of Horticulture, BBAU
5	Lalita Bairwa	Prof. Sanjay Kumar, Department of Horticulture, BBAU
6	Manoj Kumar Nagar	Prof. Sanjay Kumar, Department of Horticulture, BBAU
7	Mukesh Kumar Bairwa	Prof. Sanjay Kumar, Department of Horticulture, BBAU
8	Pooja Kumari	Prof. R. B. Ram, Department of Horticulture, BBAU
9	Shweta Verma	Prof. R. B. Ram, Department of Horticulture, BBAU
10	Umesh Khothiwal	Prof. R. B. Ram, Department of Horticulture, BBAU
11	Manish Kumar Meena	Prof. R. B. Ram, Department of Horticulture, BBAU
12	Vikash Dohare	Prof. R. B. Ram, Department of Horticulture, BBAU
13	Puran Chand Verma	Prof. R. B. Ram, Department of Horticulture, BBAU
14	Rishabh	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
15	Rohit Kumar	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
16	Sunil Kumar	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
17	Sunil Kumar Yadav	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
18	Ujjwal Shrivastava	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
19	Sandeep Meena	Prof. Deepa H. Dwivedi, Department of Horticulture, BBAU
20	Asha Verma	Dr. M. L. Meena, Department of Horticulture, BBAU
21	Usha Bai Bheel	Dr. M. L. Meena, Department of Horticulture, BBAU
22	Sunil Kumar	Dr. M. L. Meena, Department of Horticulture, BBAU

23	Anita Meena	Dr. M. L. Meena, Department of Horticulture, BBAU
24	Prerna Kumawat	Dr. M. L. Meena, Department of Horticulture, BBAU
25	Mahendra Bajiya	Dr. M. L. Meena, Department of Horticulture, BBAU
26	Aditya Kumar Maurya	Dr. Sutanu Maji, Department of Horticulture, BBAU
27	Ankur Pancholi	Dr. Sutanu Maji, Department of Horticulture, BBAU
28	Monika Bhanwariya	Dr. Sutanu Maji, Department of Horticulture, BBAU
29	Pushpendra Nagar	Dr. Sutanu Maji, Department of Horticulture, BBAU
30	Atul Kumar Rawat	Dr. Sutanu Maji, Department of Horticulture, BBAU
31	Ramroop Meena	Dr. Sutanu Maji, Department of Horticulture, BBAU
32	Shivangi Mishra	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
33	Dheeraj Kumar Saroj	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
34	Saurabh Verma	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
35	Khushbu Kumari	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
36	Rakesh Bugaliya	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
37	Brijesh Kumar Meena	Dr. Ravi Shankar Verma, Department of Horticulture, BBAU
38	Pooja Meena	Dr. Rubee Lata, Department of Horticulture, BBAU
39	Amrendra Kumar	Dr. Rubee Lata, Department of Horticulture, BBAU
40	Raj Kumar	Dr. Rubee Lata, Department of Horticulture, BBAU
41	Suraj Prakash	Dr. Rubee Lata, Department of Horticulture, BBAU
42	Shyam Sundar	Dr. Rubee Lata, Department of Horticulture, BBAU
43	Dinesh Kumar Meena	Dr. Rubee Lata, Department of Horticulture, BBAU

Thesis Submission/Degree Awarded

Sl. No.	Name of students	Year of Submission	Topic	Supervisor
1	Mr. Rajeev Kumar	2022	Studies on Genetic Variability, Heritability, Genetic Advance, Correlation Coefficient and Path Analysis in Tomato (Solanum lycopersicum L.)	Prof. R. B. Ram
2	Mr. Viplaw Kumar	2022	Studies on genetic diversity for morphological and biochemicalaspects of mango (Mangifera indica L.) cultivars	Prof. R. B. Ram
3	Mr. Lalit Kumar	2022	Effect of plant growth regulators and mulches on growth y ield and quality of strawberry (Fragaria x ananassa Duch.) cv. Chandler	Prof. Sanjay Kumar
4	Mr. Bhagchand Shivran	2022	Effect of varieties and spacing on growth, yield and quality of Knol-Khol (Brassica oleracea var. gongylodes L.)	Dr. M. L. Meena
5	Mr . Mata Prasad	2022	Performance of onion (Allium cepa L.) cultivars as Kharif crop under different dates of	Dr. Sutanu Maji

			transplanting	
6	Mr. Som Prakash	2022	Studies on genetic variability, heritability, correlation and path analysis in bitter gourd (Momordica charantia L.)	Dr. R. S. Verma
7	Mr. Harvendra Pal	2022	Effect of NPK on growth, yield and vase life of gladiolus (Gladiolus grandiflorus L.) cv. Pusa Red Valentine	Dr. R. S. Verma

Number of student complete their Masters/Graduations/Diploma: 43
Number of students selected in Civil services (UPSC/UPPSC): 02 (UPPSC)
Details of students selected for teaching in higher education: 03 (Private Sector)
Number of student pursuing higher studies: 05
Number of student selected on other government jobs/banking/school teaching etc.: 03
Number of student awarded SLET/NET/JRF/any other fellowship: 05 (NET)
Details of the publication of the students (Books/Article/Books chapter): 11 (Book

Google profile of the faculty members:-

Prof. R. B. Ram
Citations -668,
h index-12,
i10 index-18

Prof. Sanjay Kumar:
Citations -729,
h index-15,
i10 index-27

Prof. Deepa H. Dwivedi:
Citations -295,
h index-09,
i10 index-08

Dr. M. L. Meena:
Citations -700, h index-13,
i10 index-21

Dr. Sutanu Maji:
Citations -722, h index-15,
i10 index-22

Dr. R. S. Verma:
Citations -46
h index-03,
i10 index-01

Dr. Rubee Lata:
Citations -180, h index-8,
i10 index-6

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 centre of the school is known as Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP). The School is engaged in various endeavours to establish itself as a noted centre 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 centres 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 centre -

Department of History
Department of Political Science
Department of Sociology
Department of Economics
Department of Public Administration
Centre 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.Sc. & Ph.D. Programmes in Economics. The department has well qualified faculties with National & International exposure in teaching & research. The department frequently updates the syllabus in order to cater to the demand of students.

Courses offered:

M.A. Economics
Ph.D. Economics
M.Sc. Economics

Facilities available in the Department:

Department has latest well-developed computer centre with internet facility, statistical software such as STATA & SPSS.

Departmental air-conditioned documentation centre has latest text and reference books, journals, magazine, newspapers, e-journals to support research Students and Projects.

Smart Class Rooms are available in the department

Each faculty has latest computer facilities with statistical software and individual chamber.

Details of faculty:

Prof. L C Mallaiah
Professor & Head, Economics
Specialization: Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination, Industrial Economics
Qualification: M.A. M. Phil., Ph.D.

Prof. N M P Verma
Professor, Economics
Specialization: Development Economics, Macro Economics
Qualification: M.A., Ph.D.

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

Dr. D K Yadav
Assistant Professor, Economics
Specialization: Monetary Economics, Econometrics Mathematical Economics, Statistics, Public Economics
Qualification: M.A., Ph.D.

0 Dr. Surendra Meher
Assistant Professor, Economics
Specialization: Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics
Qualification: M.A., M.Phil. & Ph.D.

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

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

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

Prof. L C Mallaiah

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

Prof. Sanatan Nayak

0 Conducted one 10 days —Research Methodology Programme on Applied Econometric Techniques and Sampling Methodsll during 20th to 29th September, 2021 held in the department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, sponsored by ICSSR, New Delhi.

Dr. Surendra Meher

- ICSSR Sponsored Online Research Methodology Programme on **"Applied Econometric Techniques and Sampling Methods"** during 20th to 29th September 2021 held in the department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, sponsored by ICSSR, New Delhi.

Dr. Devendra Kumar Yadav

- ICSSR Sponsored Online Research Methodology Programme on **"Applied Econometric Techniques and Sampling Methods"** during 20th to 29th September 2021 held in the department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, sponsored by ICSSR, New Delhi.

Other Departmental level Academic Activities

Prof. L C Mallaiah

- Worked as Head, Dept. of Economics February, 17, 2022 to till date.

Prof. Sanatan Nayak

- Worked as Head, Dept. of Economics till February, 16, 2022.
- Working as Finance Officer (I/C) till date.
- Member in School Board, AC, ICC, and Chairman, OBC cell.

Dr. Pranav Kumar Anand

- Departmental Alumni Coordinator, Economics: Since, 2019-20
- DRC Member, DE, ASSS, BBAU (Since 02/03/2021)
- BUGS Member, Amethi centre, DE, ASSS, BBAU
- Member Research Advisory Committee (RAC), Department of Sociology, BBAU; (Since 06/03/2020).
- IQAC Coordinator, Department of Economics, BBAU: **Since, 28-11-2019**

Dr. Surednra Singh Jatav

- Member Placement Cell (2021-24)
- Member BUGS, Department of Commerce (2021)

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

Prof. N M P Verma

- Int Journal of Eco & Fin, Canada, Editorial
- VARTA, Allahabad University, Editorial
- Indian Economics Association, Member
- ISLE, Member
- IPEA, Member
- UPUEA, Member
- ASEDS, Patron
- IEAT, Chairperson

Prof. Sanatan Nayak

- Life time member of the Indian Society for Ecological Economics (INSEE)
- Life member of the Indian Society for Agricultural Economics (ISAE)
- Life member of the Indian Economic Association (IEA)
- Life member of the Indian Political Economic Association (IPEA)
- Life member of the Association of Socio-Economic Development Studies
- Life Member of the Indian Society for Labour Economics (ISLE).
- Life Member (Fellowship) of the Indian Water Resources Society (IWRS).
- Life Member (Fellow) of Institution of Water & Environment (IWE).

Dr. Surednra Meher

- **0** Life Member, Indian Economic Association
- **I** Life Member, Indian Society of Labour Economics
- **II** Life Member, Orissa Economic Association
- **III** Life Member, Association of Socio-Economic Development Studies

I Dr. Pranav Kumar Anand

- **0** Programme Officer, NSS, BBAU; from 01-02-2022
- **I** Convener; IXth Convocation, 2021-2022: Seating Arrangement, BBAU.
- **II** Member; Admission Brochure Committee, BBAU; for 2021-22; from 16-11-2020.
- **III** Member; Department of Skills and Vocational Studies; from 16-02-2021.
- **IV** Member, Information and Guidance Bureau (I & GB), BBAU; from 01-03-2021
- **V** Life Membership; Indian Economic Association (IEA), Estb. 1917: (26th February, 2021)
- **VI** Member and Assistant Editor of International Journal of Social Science and Development Policy (IJSSDP), BBAU, Lucknow for 5 years **Since 27/08/2020**.

II Dr. Surendra Singh Jatav

- **0** Review Editor, Frontiers in Climate Risk Management, Switzerland
- **I** Reviewer, Ecological Indicators, Netherland
- **II** Reviewer, SN Business & Economics, Switzerland
- **III** Reviewer, Journal of Rural Development, India
- **IV** Reviewer, Indian Journal of Traditional Knowledge, India
- **V** Life Member, Indian Society of Agricultural Economics, India
- **VI** Life Member, Indian Society of Ecological Economist, India
- **VII** Life Member, UP & Uttarakhand Economic Association, India

Details of Books written/edited by faculty members

Prof. N M P Verma

- **0** Indian Economy Deceleration and Unsustainability**,** Devyani Publishers and Distributors, New Delhi, Sep, 2021

***I* Prof. Sanatan Nayak**

- **0** Jatav, S.S. and Sanatan Nayak (2022). Climate Change and Agriculture in India: Vulnerability to Adaptation, Books Cline Publication, March, 2022

***II* Dr. Surednra Singh Jatav**

- **0** Climate Change and Agriculture in India: Vulnerability to Adaptation, Books Cline Publication, India, March, 2022

Details of Book Chapter in edited volume

Prof. N M P Verma

Macro Movements of Indian Economy, Indian Economy Deceleration and Unsustainability**,** Devyani Publishers and Distributors, New Delhi, 2021

Political Economy of Pandemic in a Book edited by Prof. R.C. Sobti, Vol. 2, 2022, Routledge Publisher (in Press).

Prof. Sanatan Nayak

Pollution Control Mechanism: Approaches, extent and Issues at the Global Level, in Manish Kumar Verma (ed), **Environment and Sustainable Development: Perspectives and Issues**, Routledge, London, 2022.

Dr. D K Yadav

Firdous Ahmad Malik, D. K. Yadav (2022), ―Financial Inclusion Schemes in India‖, Springer, ISBN: 978-981-19-1315-0

Arshi Zia, D. K. Yadav, Firdous Ahmad Malik, Rabia Javed (2022), ―Linkage Between Interest Rate Policy and Macro Economic Variables: Issues and Concerns of Indian Economy‖, Booksclinic Publishing, Bilaspur, ISBN: 978-93-5535-231-6

Monica, Dr. D. K. Yadav, Dr. Firdous Ahmad Malik (2021), —Asymmetry of Information and Lending Risk: Livelihood Pattern of Street Vendors in Indiall, Booksclinic Publishing, Bilaspur, ISBN: 978-93-91389-70-3

Dr. Surednra Meher

Post Covid-19 Challenges and Economic Development through Micro, Small, and Medium Enterprises in India. in: Omrane A., Bag S. (eds) New Business Models in the Course of Global Crises in South Asia, Co-author with Suhail Ahmad Bhat and Sambhabi Singh, Springer, Cham, 2021.

Paper Published during the year by the faculty members:

0 **Prof. L. C. Mallaiah**

0 Economic Transformation of Schedule Castes: A Macro Analysis, Sambodhi Journal, Vol-44, No.01(XI), ISSN2249-6661, 2021

I Energy Consumption of Leather Industry in Uttar Pradesh, The Journal of Oriental Research Madras, Vol. XCII, No.1, September 2021, ISSN 0022-3301, 2021

II Analysis of Gender Dimension of Education in Jammu and Kashmir, Utkal Historical Research Journal, Vol. 34(XXIV), 2021, ISSN: 0976-2132

III An Economic Analysis of technical Efficiency of MSMEs in India, Small Enterprises Development, Management & Extension Journal, Sage Publication, 2022

IV Analysis of Financial Ratios of State Cooperative Agricultural and Rural development Banks of India, The Journal of Oriental Research Madras, Vol. XCII, 2021, ISSN 0022-3301, 2022

V Impact of Farmers Producers Organizations in India, Utkal Historical Research Journal, Vol. 34(XXIV), 2022, ISSN: 0976-2132

I **Prof. N M P Verma**

0 Macroeconomic Pandemic Panorama in Developing Economies: Special Case of Indian Economy, Journal of Contemporary Research in Social Sciences, Publishers: Learning Gate. Vol.3, No. 4, PP 101-113, September 22, 2021, Germany.

II **Prof. Sanatan Nayak**

0 Biophysical Limits to Economic Growth and Sustainable Development: Perspectives and Approaches, Surendra Singh Jatav1 and SonaliNarang, **Asian Journal of Geological Research**, Vol. 4(2): 33-44, 2021

I Coping to Covid-19 in Uttar Pradesh, India: Evidence from NSSO 76th Round Data along with Surendra Singh Jatav1, Surendra Meher1, Sonali Narang, **Current Urban Studies**, 2021, Vol.9: 206-217

II Household‘s perception on COVID-19 vaccination in India, along with Surendra Singh, **The Journal of Community Health Management**, Vol 8, No.3, September 2021.

III Assessment of Climate change Impact on Wheat Yield in Western Dry Region: A district Level Analysis, along with Surendra Singh, **Climate Change**, Vol 7, No.23, July 2021.

III **Dr. D K Yadav**

0 Jameel, Saleha & Yadav, D. K. (2022), —Pattern of GDP Growth Rate, Inflation, Interstate Rate in Post Reform Period (1991-2017): A Comparative Analysis of India, China and USAll, Quest Journals, Journal of Research in Humanities and Social Science, ISSN(Online):2321-9467, Volume 10 ~ Issue 5 (2022) pp: 48-58

I Javed, Rabia & Yadav, D. K. (2021), —Measuring Coordination of Monetary and Fiscal Policy in Indiall, Utkal Historical Research Journal, ISSN : 0976-2132 Vol.-34(XXV), PP 65-74

IV Javed, Rabia & Yadav, D. K. (2021), ―Modelling of Monetary Variables and Fiscal Variables of Post Reform Period in India‖, The Journal of Oriental Research Madras, ISSN : 0022-3301, Vol. XCII, No. 01, PP 43-54

V Ekta, & Yadav D. K. (2021), ―An Assessment of Regional Financial Penetration in Contemporary India‖, ―International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume 9, Issue5, PP 2911-2921 PP: 25-36

Dr. Surendra Meher

0 Coping to Covid-19 in Uttar Pradesh, India: Evidence from NSSO 76th Round Data, (co-author with Surendra Singh Jatav, Sanatan Nayak and Sonali Narang) Current Urban Studies, Vol. 9 No. 2, June 2021, pp. 206-217. ISSN Online: 2328-4919, ISSN Print: 2328-4900.

I Occupational Segmentation and Earning Differences across Social Class: An Investigation from Rural Odisha, Indian Journal of Labour Economics, Springer, Vol.64, Issue 3, 2021 (September), pp. 749-767, ISSN: 0971-7927.

II Efficiency of Agricultural Produce Marketing Board in Uttar Pradesh and Punjab: A Panel DEA and Bootstrapping Decision Making Approach (Co-author with Shekhar), IASSI Quarterly: Contributions to Indian Social Science (UGC Listed), Vol. 40, No. 3, 2021, ISSN: 0970-9061, pp. 423-440.

Dr. Pranav Kumar Anand

0 Privatisation of Higher Education in India, the India Economic Journal, Journal of the Indian Economic Association, Special Issue, January, 2022. ISSN: 0019-4662

vii. Dr. Surendra Singh Jatav

0 Coping to Covid-19 in Uttar Pradesh, India: Evidence from NSSO 76th round Data, Current Urban Studies, Vol. 9, 2021.

I Biophysical limits to Economic Growth and Sustainable Development: Perspectives and Approaches, Asian Journal of Geological Research, Vol 4, No.2, 2021 (September).

II Assessing Livelihood Vulnerability of Farmers' in Backward Regions of India, Indian Journal of Agriculture Research, Vol. 55, No. 2, 2021(April).

III Measuring and Mapping Food Security status of Rajasthan, India: A District-level Analysis, Frontiers in Sustainable Food Systems, Vol. 6, 2022.

IV Assessment of Climate change Impact on Wheat Yield in Western Dry Region: A district Level Analysis, along with Surendra Singh, Climate Change, Vol 7, No.23, July 2021.

Attended/participated in conferences/seminar/workshop inside country.

Prof. N. M. P. Verma

0 Chief Guest speech at Upadhi College, Pilibhit, Dec 11, 12, Conference ―Rashtriya Chetna ke Vikas mein Samaaj, sahitya Aarthik Chintan evam Maanviki ka Awadaan

I 5th ASEDS conf as Patron, Goel Institute of Technology & Management Lucknow, March 4-5, 2022.

II Delivered inaugural lecture in RM course on Econometrics, DR. Hari Singh Gaur, Sagar Central University, Economics Department, MP, Sep 16, 2021, 11:00 AM, Cordinated by Dr Veena Thawre (Online)

III Chief Guest Lecture, Inaguration of UPUEA Annual Conference, April 9, 2021 Hosted by DRMLAU, Ayodhya.

IV Valedictory lecture, Refresher course on NEP for teachers Aprl, 6, 2021 (Online), DRMLAU, Ayodhya.

V Valedictory lecture on Lohia, March 24, 2022, DRMLAU, Ayodhya

Prof. Sanatan Nayak

Basic Amenities Deficiency Induced Ailments and Catastrophic Health Spending of Slums in Lucknow, Uttar Pradesh on 25th March in the 25th Annual Conference of Indian Political Economy Association (IPEA) during 24-25th March, 2022 organised by School of Economics, University of Hyderabad, Hyderabad-46

Delivered a special lecture on topic entitled —Use of Qualitative Response Variables in Social Science Researchǁ in the 10 days Research Methodology Programme on Research Methodology Programme on 8th March, 2022 conducted by Department of Economics, BHU, Banaras.

Delivered a special lecture on topic entitled —Use of Large Scale Data: Basic Issuesǁ in the 10 days Research Methodology Programme on Applied Econometric Techniques and Sampling Methods on 29th September, 2021 conducted by Department of Economics, BBAU, Lucknow.

Delivered a special lecture on topic entitled —Introduction to Statalǁ in the 10 days Research Methodology Programme in Social Sciences on 25th September, 2021conducted by GBPSSI, Allahabad.

Delivered a special lecture on topic entitled —India and Pollution Control Based on International Climate Change Agreementǁ, on 5th June, 2021 conducted by Jindal Centre of Global South, Haryana.

Chaired a technical session entitled —The Covid-19 Pandemic and Indiaʻs Public Healthǁ on 25th March, 2022 at 9.30 am of the **25th Annual Conference of Indian Political Economy Association (IPEA) during 24-25th March** organised by School of Economics, University of Hyderabad, Hyderabad-46.

Chaired a session entitled —Telangana and Healthǁ on 25th November, 2021 at 3.45 pm of the **Two days National Seminar on Status of Health Indicators in Telangana since 2014-15**, organised by Council for Social Development *(An ICSSR institute supported by the Government of Telangana and Reserve Bank of India),* Southern Regional Centre, Hyderabad-30.

Dr. Surendra Meher

Dimensions of International Labor Migration and its Impact on Socio-economic Development in India (Co-author with Suhail Ahmad Bhat) presented in the 2nd ‗International CEO (Communication, Economics, Organization) Social Sciences Congress (CEO SSC)‘‘ held on 19-22 August 2021 in Georgian National University SEU, Georgia through virtual mode.

Economic Dimensions of Labor Migration: With Special Reference to India co-authored with Suhail Ahmad Bhat presented in Panel 3- Social Policies, Labour Market and Gender Equality of the 2nd International E-Conference of Jindal Centre for the Global South on —The Rise of the Global South and The Future of World Order Post-COVID-19 Pandemicǁ, on 5-6 Feb 2022, at O.P. Jindal Global University, Sonipat - Haryana, India

Employment Pattern and Poverty across Social Groups in Rural Western Odisha: A Case Study of Kalahandi and Bargarh presented in the 54th annual conference of Orissa Economic Association, held in the blended mode at the Gangadhar Meher Univresity, Odisha, held on February 12-13, 2022.

Migration and Labour Markets in Post Pandemic Period in India presented at the 5th Annual International Conference of Association of the Socio-Economic Development Studies (ASEDS) on —Challenges in Post Pandemic Economic Growthǁ held at Goel Institute of Higher Studies Mahavidyalaya through blended mode March 4, 5, 2022.

Online Training Programme on Towards Generating Quality Employment: Challenges and Options organised by the V. V. Giri National Labour Institute, Sector 24, Noida, India during April 05-09, 2021.

0 Online Orientation Programme on Labour and Globalisation organised by the V. V. Giri National Labour Institute, Sector 24, Noida, India during April 19-23, 2021.

I Online Training Programme on Migration, Skills and Reintegration: Issues and Perspectives organised by the V. V. Giri National Labour Institute, Sector 24, Noida India during July 05-08, 2021

II Online Two Week Refresher Course/Faculty Development Programme in Economics, on the theme —'INDIAN ECONOMY' Exploring New Economic Opportunities in Post Pandemic World‖ from 29 April-13 May, 2021 and (obtained Grade A+). The programme is organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

III Successfully completed the ARPIT course for Career Advancement Scheme (CAS) on —Data Analysis for Social Science Teachers‖ conducted by University of Hyderabad.

Dr. Pranav Kumar Anand

0 Presented a paper entitled, ‗Migration and Agricultural Challenges in Post Pandemic Period', in 5th Annual International conferences, jointly organized by ASEDS and Goyal Institute of Higher studies Mahavidyalaya, Lucknow, 4th-5th March, 2022.

Dr. Surednra Singh Jatav

0 Paper entitled —Impact of Covid-19 on the Livelihoods of Rural Farmers in Uttar Pradesh, India, presented in the National Seminar —Many Facets of Covid-19 Pandemic‖ Organized (online-mode) by Council for Social Development, Hyderabad during 1-2 March, 2022.

I Attended online Training Programme on Planning for Local Economic Development under MGNREGS How to Optimally Utilize Financial Human and other Resource during 23-25 August, 2021 organized by NIRDPR, Hyderabad.

II Attended online Women Empowerment for Rural Development 13-17 September, 2021 organized by NIRDPR, Hyderabad.

III Attended offline Ten Days Research Methodology Programme on Applied Econometric Techniques and Sampling Methods during 20-29 September, 2021 organized by Department of Economics, BBAU, Lucknow.

IV Attended one month long Faculty Induction Programme during 03.01.2022 to 02.02.2022 organized by UGC-HRDC, Osmania University, Telangana.

Consultancy works:

Free consultancy with details of client

a) Prof. N. M. P. Verma

Chairman, NAAC peer team for Quality assessment of

Government First Grade College, Affiliated to Bangalore University, Oct 26-27, 2021
Government Vivekananda College, Susner, M.P, Jan. 11-12, 2022.

DRC member:

DSMNRU, Lucknow, (cont.)
DRMLAU, Ayodhya, (cont.)

Member BoS

DRMLAU, Ayodhya, (cont.) attended on 11.08.2021
Allahabad Central University, (cont.) attended on 01.09.2021
Chairperson, Indian Economists' Trust, Jan, 2022

Selection committee:

Kalicharan Degree College, DU, Sep 7, 2021
Swami Brahmanad college, Hardoi, LU, Sep 11, 2021 in Agriculture Economics
Swami Brahmanad college, Hardoi, LU, sep 26, 2021 in Agriculture Economics
Bahukhandi College, Raibareli, LU, Nov 13 2021

Selection Committee for Career advancement:

- Kurukshetra University, Oct 5, 2021
- I Screening Committee for Faculty applications, Economics Department, LU, Dec, 2021
- II Screening Committee for Faculty applications, Economics Department CCS Meerut University, 15 Jan, 2022

Details of invited lectures inside country

- ***0*** **Dr. Surednra Meher**

Delivered a lecture —Preparing a Research Proposal‖, in the Ten days Online ‗Research Methodology Programme on Applied Econometric Techniques and Sampling Methods' held for M.Phil., Ph.D. and Post-Doctoral Students, organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh from 20th to 29th September, 2021

Panelist in Panel 3 —Social Policies, Labour Market and Gender Equality‖ in the Second International E-Conference of Jindal Centre for the Global South (JCGS) on —The Rise of the Global South and Future of World Order Post- Covid 19 Pandemic‖ held on 5, 6, February 2022.

Delivered a special lecture on —Budget 2022‖ in Delhi Public School, Eldeco, Lucknow on 9th February 2022.

- ***0*** **Dr. Surendra Singh Jatav**

Delivered a lecture on Use of Panel Data in Two Week ICSSR sponsored workshop on Capacity Building Course in Social Science during 1-14 February, 2022 organized by Department of Geography, AMU, Aligarh.

Delivered a lecture on Meta Data Research using Scopus Database in Two Week ICSSR sponsored workshop on Capacity Building Course in Social Science during 1-14 February, 2022 organized by Department of Geography, AMU, Aligarh.

Students achievements

I. Accomplishment of the students.

Number of Students completed their master/graduation/ Diploma	M.A.	46
No. of student selection for teaching in higher education	UPSC	01
No. of student pursuing Higher Studies	02	
No. of student selected on other government jobs/banking/school teaching etc.	01	
No. of student awarded SLET/NET/JRF any other fellowship	13(NET), 04(JRF)	

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

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic	Fellowship availed/availing
1	Alka Singh	Prof. Sanatan Nayak	Displacement Due to Development of Projects: A Case Study of Lucknow District in Uttar Pradesh	Non-NET Fellowship
2	Ekta Srivastava	Prof. Sanatan Nayak	Economic Development and CO_2 Emissions: A Household Level Study of Lucknow District in Uttar Pradesh.	UGC-SRF
3	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	Non-NET Fellowship

4	Suhail Ahmad Bhat	Dr. Surendra Meher	An Economic Analysis of Small Scale Industries : A Comparative Study of Jammu and Kashmir	Non-NET Fellowship
5	Kanti Devi	Prof. N.M.P. Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons	Non-NET Fellowship

III. Faculty wise supervision of the M.Phil. Dissertation Awarded:-

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

IV. Faculty wise supervision of the M.Phil. Dissertation Submitted:-

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil. Topic	Fellowship availed/availing
1.	Nathoo Bharti	Prof. Sanatan Nayak	Water Degradation and Impact on Agricultural Productivity: A Case Study of Maharajganj District in Uttar Pradesh	Non-NET Fellowship
2	Ramesh Ram	Dr. Surendra Meher	Trends and Pattern of Employment during the Post Globalisation Period in India	Non-NET Fellowship

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

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic	Fellowship availed/availing
1	Priti Jha	Prof. Sanatan Nayak	Linkage between Trade and Scarcity of Water : A Case Study of Water Intensive Industry in Uttar Pradesh	ICSSR- Fellowship
2	Naveen	Prof. N M P Verma	Political Economy of Public Expenditure in India: Social Choice and Redistribution during Post-Reform Period	UGC-SRF
3	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	ICSSR- Fellowship
4	Mukesh Kumar	Prof. Sanatan Nayak	Capital Formation in Agriculture Sector in India: A Case Study of Bundelkhand Region	ICSSR- Fellowship

5	Pawan Kumar Rao	Dr. L C Mallaiah	Impact of New Economic Reforms on Leather Industries in Uttar Pradesh	NFSC-Fellowship
6	Mohd Abdullah	Dr. L C Mallaiah	Human Development Index of Gujjars in Jammu and Kashmir	NFST-Fellowship
7	Vidhya Bharti Rai	Dr. L C Mallaiah	EconomicAnalysisofCultivatorsin Uttarakhand: A Gender Persepective	Non-NET Fellowship
8	Rabiya Javed	Dr. D K Yadav	Impact of Monetary and Fiscal Policies on Macroeconomic Variables.	Non-NET Fellowship
9	Shekhar	Dr. Surendra Meher	Evaluation of Agricultural Market Efficiency in India: A Comparative Study of Punjab and Uttar Pradesh	
10	Samarth Shukla	Dr. Pranav Kumar Anand	Sectoral Dualism in India: A Study of Structural Change since 1991	Non-NET Fellowship
11	Yasar Mehmood	Dr. Pranav Kumar Anand	An Economic Analysis of Agricultural Sector in Jammu & Kashmir from Since 1991.	Non-NET Fellowship
12	Debabrata Sahoo	Prof. Sanatan Nayak	Extraction of Mineral Resources and Its Impact on Local Livelihood: A Case Study of Odisha	UGC-JRF
13	Kuhu Awasthi	Dr. Surendra Meher	Labour Productivity and Wages in the Organised Manufacturing Sector: An Interstates Analysis in India	Non-NET Fellowship
14	Sadhana Singh	Prof. L C Mallaiah	Impact of Credit on Development of MSMEs in Uttar Pradesh	UGC-JRF
15	Manoj Kumar	Prof. Sanatan Nayak	Rural Primary Healthcare Infrastructure: A Case Study of Jaunpur District in Uttar Pradesh	NFSC-Fellowship
16	Brijesh Kumar	Prof. N M P Verma	Impact of Fiscal Policies on Slowdown of Manufacturing Sector in India: A Case of Automobile Sector	NFSC-Fellowship
17	Ved Prakash	Dr. Pranav Kumar Anand	Women Participationand Employment Generation: Role of MGNREGA with Special Reference to Bareilly Division in Uttar Pradesh	Non-NET Fellowship
18	Supriya Gautam	Prof. L C Mallaiah	The Impact of Farmer Producer Organization on Socio-Economic Conditions of Small and Marginal Farmers in Uttar Pradesh	Non-NET Fellowship
19	Mohd Sadiq	Dr. Surendra Meher	Impact of Tourism on Employment and Income Generation in India: A Comparative Study of Kashmir and Ladakh	Non-NET Fellowship
20	Vikas Pratap Singh	Prof. N M P Verma	A Study of Corporate Taxation and Its Impact on Income and Profit of Major FMCG Companies in India	Non-NET Fellowship
21	Shreya Kanojia	Dr. D.K.Yadav	Agrarian Crises in India: A Comparative Analysis of Uttar Pradesh and Maharashtra	UGC-JRF
22	Pushpendra Kumar Singh	Prof. Sanatan Nayak	Multidimensional Poverty in Urban Slums: A Case Study of Lucknow City in Uttar Pradesh	UGC-JRF

23	Ashu Chaudhary	Dr. Pranav Kumar Anand	An Analysis of Consumer Behaviour of Organic Products: A Case Study of Lucknow District in Uttar Pradesh	Non-NET Fellowship
24	Anushka Singh	Dr. Surendra Meher	Unpaid Care Work and Employment Dynamics among Females in India: A Case Study of Uttar Pradesh	Non-NET Fellowship
25	Disha Ghildiyal	Prof. L C Mallaiah	Economic Evaluation of Organic and Non-Organic Farming in India: A Case Study of Uttarakhand	Non-NET Fellowship

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

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic	Fellowship availed/availing
1	Ekta	Dr. D. K. Yadav	Micro-Finance Movement in India : A Comparative Study of Southern and Northern Part of India	Non-NET Fellowship

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

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil. Topic	Fellowship availed/availing
1.	Naveen Linda	Prof. N M P Verma	Impact of Inflation on Unemployment and GDP during Pandemic in India: A Short Term Analysis	Non-NET Fellowship

VIII. PDF pursuing:-

a) 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

Google profile of the faculty members:

Prof. N M P Verma

Indicators	All	Since 2017
Citations	200	131
h-index	8	6
i10-index	5	3

Prof. Sanatan Nayak

Indicators	All	Since 2017
Citations	76	68
h-index	4	4
i10-index	2	2

Prof. L.C Mallaiah

Indicators	All	Since 2017
Citations	4	3
h-index	1	1
i10-index	0	0

Dr. Surendra Meher

Indicators	All	Since 2017
Citations	20	13
h-index	3	2
i10-index	0	0

Dr. Surendra Singh Jatav

Indicators	All	Since 2017
Citations	144	141
h-index	6	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 and starboard.

Courses offered:-

M. A.
Ph.D

Duration of M.A. programme is 2 years and PhD minimum 3 Years and maximum 4 Years.

Facilities available in the Department:-

Computer Lab cum Library

Details of the Faculty:-

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

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**

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

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

0 **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

I **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

Members/fellows of professional/Academic bodies/editorial board

Prof. Sartik Bagh

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

Prof. Ripu Sudan Singh

- **0** Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata (MAKAIAS), nominated by the Ministry of Culture, Government of India for a period of five years
- **I** Member in the School board of School of International Studies, JNU, New Delhi
- **II** Member in the Management Committee, Harsahay Degree College, Kanpur×Member in DRC and BPGS in the Department of Political Science, BBAU, Lucknow
- **III** Life Member, Indian Political Science Association
- **IV** Member, International Political Science Association
- **V** Member in BPGS in the Department of Public Administration in BBAU, Lucknow since
- **VI** Member in BPGS in the Department of Social Sciences in the Satellite Centre at Amethi of BBAU
- **VII** Member in School Board
- **VIII** Member in Academic Council
- **IX** Member in Planning Board from 28.08.2011 and again from 04.12.2019.
- **X** Member in Board of Management

Prof. Shashi Kant Pandey

- **0** Life Member: All India Political Science Association
- **I** Member: Editorial/ Advisory Board, Azad Academy Journal (ISSN Number 2248-9835)
- **II** OSD- BBAU Satellite Campus, Amethi
- **III** Member - S.C.& S.T. Advisory Committee
- **IV** Member- IQAC, BBAU
- **V** Member: Departmental Research Committee, School for Ambedkar Studies, BBAU

VI Member: Admission Committee, School for Ambedkar Studies, BBAU

VII Member: Board for Post-Graduate Studies, School for Ambedkar Studies, BBAU

VIII Member: School Board, School for Ambedkar Studies, BBAU

IX Member: Academic Council, BBAU

X 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.)

XI Certified National Level Master Assessor of the Project entitled —Transforming India through PRIs by Continuous Training & E-enablement ॥ of National Institute of Rural Development, Hyderabad

Dr. Siddhartha Mukerji

0 Member: Academic Council, BBAU

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

II Member, School Board, Ambedkar School of Social Sciences, BBAU, Lucknow

III Member, BUGS, Department of Public Administration, BBAU, Lucknow

Dr. Preety Choudhari

0 Member of the University Prakashan Samiti 2019.

I Asst.DSW (Culture)

II Member, RDCU, Department of Political Science, BBAU, Lucknow.

III Member, DRC, Department of Political Science, BBAU, Lucknow.

IV Member of the University Seminar / Workshop Committee 2019.

V Member of the Committee of smooth functioning of sponsor projects 2019.

VI Member of the grievance redressal committee of Dept. Of Microbiology 2019.

VII Member of University Proctorial Board 2019

VIII Member of University Anti Ragging Committee 2019.

IX Member of Departmental Purchase committee 2019.

X Member of Department Admission Committee 2015-2019.

Ms. Manjari Raj Oraon

0 Member, BPGS, Department of Political Science, BBAU, Lucknow.

Details of Chapters in edited books:-

0 **Prof. S. K. Pandey –**

0 BJP Victory in Uttar Pradesh: A Shift from came based Politics.

I **Dr. Siddhartha Mukerji** –

0 —Recent transition in India‘s health policy: layering patterns in inherent bottlenecks‘, in a book *Democracy and Public Policy in the Post-Covid-19 World*, edited by Rumki Basu, Routledge, New York, 2021, 158-175.

I Balancing Growth with livehood sustainability: Social and Political Action over lang Acquisition in India, Springer, 2021 ISSN No. 978-981-33-6247-5

Papers published during the year by faculty members:-

0 Prof. Ripu Sudan Singh- Regional Political Prty in Arunchal Pradesh; Studey of People's Party of Arunchal (PPA), Journal of the Asiatic Society of Mumbai, 2022 ISSN - 0972-0766

I Prof. Ripu Sudan Singh - Yogi's Governance Doctrine, Journal of Acharya Dev Research Institute, Vol -29 January, 20 and June 21, ISSN - 0976-3287

- I Prof. Shashi Kant Pandey - Instutionalising Health through NRHM: A Study, Madhya Pradesh Journal of Social Sciences, June, 2021, ISSN - 0973-855X

- II Dr. Siddhartha Mukerji - Translating ICT into Social Advantage: The E-District Programme in Uttar Pradesh, South Asia Chronicle, 2021, ISSN - 978-3-86004-348-6

- III Dr. Preety Choudhari - Elusive empowerment: characteristics of indirectly elected women chairpersons of district councils in Uttar Pradesh, India, Commonwealth Journal of Local Governance, Issue 25: December 2021, ISSN - 1836-0394

Students Achievements:

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

- 0 Prof. Sartik Bagh – 01
- I Prof. Ripu Sudan Singh – 02
- II Prof. S. K. Pandey – 02

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

- 0 Prof. S. K. Pandey – 01
- I Dr. Siddhartha Mukerji – 01

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

S. No.	Name of Faculty	Name of the Scholars
1	Prof. Sartik Bagh	Jay Bahadur Uttam
2		Sanjay Kumar
3		Mohamad
4		Pramod Kumar Sharma
5		Vivek Kumar
6		Balan G
7		Mridul Malay
8	Prof. Ripu Sudan Singh	Nazir Hussain
9		Gukhu Mega
10		Kumari Pooja Bharti
11		Sikha Ojha
12	Prof. S. K. Pandey	Shraddha Mishra
13		Abhishek Kumar
14		Shivendra Tiwari
15		Teeka Ram
16	Dr. Siddhartha Mukeji	Anuj Kumar
17		Rakesh Kumar
18	Dr. Preety Choudhari	Ritesh Kumar
19		Shiv Kumar Kharwar

Accomplishments of students

Number of student completed their master/graduation/Diploma- 39 students completed master's programme of the Department

Number of student pursuing higher studies -01

Number of student awarded SLET/NET/JRF/any other fellowship-NET- 02, JRF-02

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.

Course Offered

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

Facilities available in the Department:-

Departmental Computer Lab cum-Library and Moot court also available in the Department.

Details of Faculty:-

Kameshwar Choudhary

Professor
Superannuated w.e.f. 30.11.2021
Qualification- M.A., M.Phil., Ph.D. (JNU, New Delhi)
Area of Specialization - Globalization; Development Perspectives; Sociology of Education; Sociological Theory Teaching Experience - 28 Years

Bibhuti Bhushan Malik

Professor
Qualification- M.A., M.Phil., Ph.D. (JNU, New Delhi)‘
Area of Specialization -Sociology of Ecology and Environment; Sociological Theory; Sociology of Poverty and Economic Deprivation
Teaching Experience - 23 Years

Manish K. Verma

Professor
Qualification- M.A., M.Phil., Ph.D.
(JNU, New Delhi)
Area of Specialization -Environment and Development; Globalization Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Rural Ecology Teaching Experience - 23 Years

Birendra Narain Dubey

Professor
Qualification- M.A., M.Phil., Ph.D.
(JNU, New Delhi)
Area of Specialization -Sociology of Education; Tribal Sociology; Social Justice and Social Movements
Teaching Experience - 22 Years

Jaya Shrivastava

Professor & Head
Qualification- M.A.(BHU), Ph.D.(VKSU)
Post Doctorate (University of Houston – Clear Lake, Texas, USA)
Area of Specialization -Gender Studies; Social Gerontology; Human Rights and Social Justice; Research Methodology
Teaching Experience - 22 Years

Brajesh Kumar Assistant
Professor
Qualification- M.A.,
Ph.D. (BHU, Varanasi), Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education
Teaching Experience - 13 Years

Ajay Kumar Assistant
Professor
Qualification- M.A., M.Phil (University of Lucknow)
Ph.D (BBAU, Lucknow)
Area of Specialization -Sociology of Social Movements, Sociology of Dalit & Marginalised Communities, Sociology of Indian Society, Sociology of Rural and Urban Life in India.
Teaching Experience - 1 Year 5 months

Details of the Seminar/Conference organized by the Department

0 One Day Workshop cum training programme on —Stand Up Against Street Harassment training programmeǁ dated 15 Sep. 2021, jointly organized by Breakthrough and L'Oréal Paris recognize & Department of Sociology, BBAU, Lucknow.

I Panel Discussion on —Hindi Mein Samaj Chintan: Samasyayen & Sambhavanayenǁ on 28.10.2021 at 03:00 PM at the Department of Sociology, jointly organized by Department of Sociology, BBAU & G.B. Pant Social Science Institute Prayagraj & Rajkamal Prakashan New Delhi, Babasaheb Bhimrao Ambedkar University, Lucknow.

II One Day Workshop on —Burden of Masculinity and Gender Relationsǁ on 18.11.2021 Organized by the Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

III One Day Workshop cum training programme on —Stand Up Against Street Harassment training programmeǁ dated 08 March. 2022, jointly organized by Breakthrough and L'Oréal Paris recognize & Department of Sociology, BBAU, Lucknow.

Members /Fellowship of Professional/Academic Bodies/ Editorial board:-

0 **Prof. Kameshwar Choudhary**
Member, Board of Studies, Deptt. of Sociology, A.M.U., Aligarh
Member, Board of Studies, Sociology, RMN Lohia University,
Faizabad Life member, Indian Sociological Society
Life member, Indian Social Science Association
Life member, Indian Academy of Social Sciences

I **Prof. Bibhuti Bhushan Malik**
Member, Peer Team, NAAC at West Bengal State University, West Bengal, Kolkata, 18th February 2021 to 21st February 2021
Member, Editorial Board, Anusandhan and Sodhayatan, Rabindranath TagoreUniversity, Bhopal, Madhya Pradesh
Member, Advisory Board, Indian Journal of Dalit and Tribal Studies, BHU,Varanasi, Uttar Pradesh.
Assessor, NAAC (National Assessment and Accreditation Council), Bangalore.
Participated in a NAAC Awareness Programme, organized by Lucknow Public College of Professional Studies, Gomati Nagar, Lucknow on 22nd June 2019
Expert in Public Service Commission /Higher Education Commission
Member of Selection and Screening Committees
Member of Campus Development Committees
Member (as Chairman EOC), Advisory Committee for all Issues related to PWD of the University, Babasaheb Bhimrao Ambedkar University, Lucknow since 24/3/2021
Member, Open & Distance Learning, Babasaheb Bhimrao Ambedkar University, Lucknow, from 13th February 2021 onwards.

Chairman, Committee for finalization of terms, conditions, age and qualification for appointment of Ambedkar Chair Professor, on 22/12/2020
Member, Committee for Purchase of UTM Fire Wall of the University Computer Centre, Babasaheb Bhimrao Ambedkar University, Lucknow 2020.
Chairman as Proctor, Committee for Ventilation Grill in the Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow August 2020.
Member, Committee for Designing the Main Gate of the University, Babasaheb Bhimrao Ambedkar University, Lucknow 2020.

Member of Other (Miscellaneous) Committees

Member, Committee for Issues of Dept. of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
Member, Committee for pay Fixation of Prof. Ramchandra and F O Ramashankar Singh, Babasaheb Bhimrao Ambedkar University, Lucknow from July 2020.
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

Assessor of UGC's National Assessment and Accreditation Council (**NAAC),** Bangalore
Subject Expert, Indian Council of Social Science Research (**ICSSR),** New Delhi
Chief Co-ordinator (Programme), WG 05 (Famine and Society), **International Sociological Association** for the session 2018-2022.
Chairman, U.P. State level Multidisciplinary Committee for Evaluation of Impact Assessment Study Reportsunder LAAR Act 2013of various Infrastructure Projectsand Suggest Rehabilitation Measures(Poorvanchal Expressway, Lucknow Metro, ATS etc.).
Member, **„Institutional Ethics Committee"**, **Super Specialty Cancer Institute& Hospital**, Lucknow from 01.01.2020 to 31.12.2024.
Member, **„Institutional Ethics Committee"**, Sanjay Gandhi Post Graduate Institute for Medical Sciences (**SGPGI)**, Lucknow from 15.11.2016 to 14.11.2019.
Managing Committee Member, Indian Sociological Society (**ISS**) from January 2016 to December 2021.
External Member, Board of Studies, Department of Sociology and Social Work, Choudhary Charan Singh, Meeruth University, Meeruth.
External Member, Board of Studies, Department of Sociology, Kanpur University, Kanpur.
External Member, Board of Studies, Department of Sociology, School of Social Sciences, Central University of Punjab, Bathinda (Punjab) from April 21, 2022 to April 20, 2024.
Member, **Expert Committee,**Department of Sociology, School of Humanities and Social Sciences, Central University of Jharkhand, Ranchi for Drafting of the Course Curriculum for ―Five Year Integrated MA Program in Sociology‖ with MEME (Multiple Entry Multiple Exit) in accordance with the NEP-2020.
External Member, Board of Studies, Department of Sociology, School of Social Sciences, Siddharth Nagar University, Kapilvastu, Siddharth Nagar (U.P.) for 2022 to 2023.
External Member, Research Advisory Committee, Department of Sociology, School of Social Sciences, Awdhesh Pratap Singh University, Rewa (M.P.) for 2022 to 2023.
External Member, Research Advisory Committee, Department of Sociology, School of Social Sciences, Mahatama Gandhi Central University, Motihari (Bihar) from February 27, 2021 to February 26, 2024.

External Member, Departmental Research Committee, Department of Social Work, School of Social Sciences, Mahatama Gandhi Central University, Motihari (Bihar) from 31 October 2020 to 30 October 2023.
External Member, Board of Studies, Department of Sociological Studies, Central University of South Bihar, Gaya (Bihar).
Member, BPGS, Department of Sociology, Tripura Central University, Agartala
Member, BPGS, Department of Sociology, University of Ranchi, Ranchi from April 2016 to March 2018.
Life Member, Indian Sociological Society (ISS)
Life Member, Rajasthan Sociological Association (RSA)
Member, International Sociological Association (ISA)
Peer Reviewer/Content Reviewer of Study Material, Sikkim Manipal
University Course-Coordinator, Sikkim Manipal University
Secretary, RC-07, Rural, Tribal and Peasant Sociology of Indian Sociological Society (ISS)
Member, Editorial Board, Journal of Uttarakhand Academy of Administration, Nainital, Uttarakhand
Member, Advisory Board, Journal ‗Abhisaran', Bid, Maharastra
Member, Editorial Board, Journal ‗Research Process', Aurangabad, Maharastra
Member, Editorial Board, International Journal, —Social Science and Development Policyll, Lucknow
Member, Editorial Board, Journal ‗Sociology Today', Bangalore, Karnataka

Prof. Birendra Narain Dubey

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

Prof. Jaya Shrivastava

Senate Member, National Institute of Technology (NIT) Jalandhar, Punjab, India
Member, Research and academic Programme Committee, Giri Institute of Development Studies (GIDS), Lucknow, India
Life Member, Indian Sociological Society.
Member, American Sociological Society.
Life Member, Asian Association of Women's Studies.
Life Member, Indian Association of Women's Studies.
Life Member, Indian Social Science Academy.
Life Member, Indian Social Science Association.
Life Member, ASEDS
Member, Editorial Board, All Journals published by Rajakiya Sangrahalaya, Jhansi.
Member, Editorial Board, Indian Journal of Bio-Research, Social Science Volume, Lucknow.
Member, Editorial Board, Research Post Journal, Jaipur.
Chairperson, Departmental Research Committee (DRC), Department of Sociology, SAS, BBAU, Lucknow.
Chairperson, Board of Post-Graduate Studies (BPGS), Department of Sociology, BBAU, Lucknow.
Member, Board of Post-Graduate Studies (BPGS), Department of Rural Management, BBAU, Lucknow, 2010.

Chairperson, Internal Quality Assurance Cell (IQAC), Department of Sociology, BBAU, Lucknow .
Member, Implementation of National Education Policy, BBAU,
Lucknow Member, Manpower Monitoring Committee, BBAU, Lucknow

- **Dr. Brajesh Kumar**
  Lifetime Member, Indian Sociological Society, New Delhi.
  Lifetime Member, Indian Association of Teacher Educators, Bareilly.
  Member, International Sociological Association, Madrid, Spain.
  Member, International Union for the Scientific Study of Population.

- **Dr. Ajay Kumar**
  Life Member of BBAU Alumni Association.
  Life Member (LMI-3836), Indian Sociological Society, New Delhi.
  Member of Research Committee-9, Dalits and Backword Classes, Indian Sociological Society, New Delhi.
  Member of Research Committee-10, Gender Studies, Indian Sociological Society, New Delhi.
  Member of Research Committee-17, Social Movements, Indian Sociological Society, New Delhi.
  Life Member of Indian Journal of Dalit and Tribal Studies (IJDTS) ISSN 2348-1757. A bi-annual bi-lingual refereed journal of Dalit Studies, BHU, Varanasi.
  Member, DRC, Deptt. of Sociology, BBAU, Lucknow
  Member of Research Degree Committee of University (RDCU) BBAU.
  Member, Editorial Board, the perspective International Journal of Social Science and Humanities.
  Coordinator, Departmental Alumni Cell, Department of Sociology, BBAU. Member of Research Advisory Committee (RAC) Department of Sociology, BBAU. Member Secretary of PhD Entrance Test Confidential committee (2020-21) winter Session, BBAU.
  Member Convener of Quiz Competition Committee on the birth anniversary of Dr. Babasah Bhimrao Ambedkar and Foundation Day of the University, 13-14, Aprail, 2022. BBAU.
  Member of BBAU History Committee.
  Member of Development of E-content Committee, BBAU.
  Member of BBAU Silver Jubilee committee, BBAU.

Detail of books written/edited by faculty members-

- **Prof. Manish K. Verma**
  - **"Environment and Sustainable Development: Perspectives and Issues",** edited book published fromRoutledge, Taylor & Francis Group, UK. 2022. (ISBN: 978-0-367-54182-8)

Details of book Chapter in edited volume

Prof. Manish K. Verma

- —Introduction‖, Chapter published in —Environment and Sustainable Development: Perspectives and Issues‖, book by Manish K. Verma (ed.). Edited book published byRoutledge, Taylor & Francis Group, UK. 2022.

- —Examining Inter-linkages between Water Scarcity and Human Security: A Case Study of Bundelkhand Region of Uttar Pradesh, India‖,paper published in Venkatesh Dutta edited book on, —Water Conflicts and Resistance: Issues and Challenges in South Asia‖,Routledge, Taylor & Francis Group, United Kingdom. 2021.(ISBN: 9780367367299)

- **Dr. Ajay Kumar**

Kumar Ajay, Malik Bibhuti Bhushan. (2022), "Krantiveer Madari Pasi aur Awadh ka Eka-Kisan Andolan : Dastavejo Se Vishmrit Hashiyein ke Samaj ka Nayak" in Amarnath Paswan (Ed.), Bharteey Svtantrata Sangraam ke Vishmrit Nayak, (pg.1-17), ISBN 978-93-

90870-85-1. Human Empowerment and Research Society & Akhand Publishing House, New Delhi.

Kumar Ajay. (2022), "Gandhi-Ambedkar : Sajha Sapno ke Liye Rikt Sthan", in yatindra singh Sidodiya, Gopal Krishn Sharma, Ashish Bhatt (Ed.), Mahatma Gandhi : Ekeesavi sadi ka Bharteey evam Vaishvik Pariprekshya, (pg.169-190), ISBN. 978-81-316-1233-0. MPICSSR, Ujjain & Rawat Publication, Jaipur.

Kumar Ajay. (2022), "Dr.Ambedkar ka Rajya Samajvad Siddhant : Kalyankari Rajya ki sthapana ka Prastav", in Pankaj Gautam (Ed.) Dr.Bheemrab Ambedkar Vyaktitva evam kratitva, (pg.138-173) ISBN 978-93-910-18-20-7, Nalanda Prakashan, Delhi.

Kumar Ajay. (2021), "Uttar Bharat Mein Dalit Angik Gyan ki Nirmiti aur Adhunik Mulybodh", in Badri Narayan, Archana Singh (Ed.), Mati Pani Mein Sani Baudhikta : Hindi Kshetra Ke Deshaj Sanshroton ki Talash (pg.136-156), ISBN.9789390625826, LokBharti-Rajkamal Prakashan, New Delhi.

Paper published during the year by the faculty members:-

- **Prof. Bibhuti Bhushan Malik**

Basic Amenity and the Caste Conundrum: A Study of the Dalit Communities in East Uttar-Pradesh, Contemporary Voice of Dalit, Sage Publication India Pvt. Ltd., {ISSN: 2455-328X}, December 2021, (with Ajay Kumar) pp. 1-16.

Labourers in India and Corona Pandemic: The Coping Strategies, Madhya Pradesh Journal of Social Sciences (A Biannual Journal of M. P. Institute of Social Science Research, Ujjain) ISSN: 0973-855X, Vol. 26, No.2, December 2021, (with Nirakar) pp.1-13

—Gyan evm Vaidik Vimarsh mein Dr. Ambedkar ki Upastithi: Ek Samikchatmak Mulyankan‖, —Radha Kamal Mukerji: Chintan Paramparal‖, Vol. 2, July-December 2021, (ISSN-0974-0074) pp 1-10.

—Dalits in Rural Cooperatives of Nepal‖, Economic and Political Weekly, Vol. 56, Issue No. 49, 04 Dec, 2021 (with Abin) pp10-14

Use of Antioxidant Carrot and Alma in Therapeutic Management of Thyroid Patients, Jounral of Clinical Nurtrition and Dietetics, June 2021 (with Sunita Mishra), pp.1-5.

—Impact of the Covid-19 Pandemic on Lifestyle and Well Being of Population‖ (with Kuril Sanjeet, Sunita Mishra, Khwairakpam Sharmila) 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

- **Dr. Brajesh Kumar**

—Interrogating Inclusive School Education in India‖, Shodha, January 2022, pp. 108-115. (ISSN 2249-0396)

Dr Ajay Kumar

Kumar, Ajay. (2022), "Samajik Sanrachna ke Nichle Kram mein Sthiti Jatiyon evam Janjatiyon ke Andolan" A research paper has been published in Bhartiya Samajshastra Sameeksha, Journal of INDIAN SOCIOLOGICAL SOCIETY (ISSN 2349-1396). Volume-9, Issue-1, June 2022, Published by SAGE Publications. [UGC-CARE List Group I-Social Sciences Sr.No.38.] See Source : https://sagebhasha.com/Journal/TOC?JournalId=1

[Malik B.B. & Kumar, Ajay. (2022), "Basic Amenity and the Caste Conundrum : A Study of the Dalit Communities in East Uttar Pradesh" A research paper has been published in Contemporary Voice of Dalit (ISSN 2455-328X) 1–16, February 6, 2022, 6 Feb 2022, Published by SAGE Publications. https://doi.org/10.1177/2455328X211066189

[Kumar, Ajay. (2022), "Bhartiya Samajshastra mein Gram Adhyayan ki Parampara : Ek Sameekshatmak Mulyankan" A research paper has been published in Manav Jouirnal,

(ISSN 2347-6591) Vol.1-2., Year 39, 56-78, Published by Ethnographic and Folk Culture Society, Lucknow.

Kumar, Ajay. (2021), Mulayankan aur Punar Mulayankan ke beech Baba Saheb Dr. Ambedkar , Article has been published in Mantvya Magzine-Vol-12, October 2021, (pg. 110-115), Rashmi Prakashan Lucknow.

[Kumar, Ajay. (2021), "Bharat mein Samajshastra ka udbhav evam Vikas : ek Drishti" A research paper has been published in Bhartiya Samajshastra Sameeksha, Journal of 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]

Book Review

kumar, Ajay. (2022), A Book Review on "नदी पत्रु: उत्तर भारत मेंननषाद और नदी" Nadi putra : Uttar BharAt mein Nishad aur Nadi" Rama Shanker Singh, A Book Review titled नदी पत्रु: ऐनतहाससक बदऱाव की रोशनी मेंनददयों और उनकी संतानोंकी दास्तान, has been published in Junpath Portal/Website.https://junputh.com/review/book-review-nadi-putra-by-dr-ramashankar-singh/

Attended/Participated in Conferences/Seminars/Workshop inside country

- **Prof. Bibhuti Bhushan Malik**

Chaired a session on Dalit Studies of RC 9, at 46th All-India Sociological Conference, organized by Indian Sociological Society, University of Mumbai, 8-10 December 2021 on 10th December, 2021.

Chaired a session on Media Studies of RC 20, at 46th All-India Sociological Conference, organized by Indian Sociological Society, University of Mumbai, 8-10 December 2021 on 09th December, 2021.

- **Dr. Brajesh Kumar**

—COVID 19 and Experiences of Post Graduate Students During University Shutdown‖, International Multidisciplinary Webinar on Impact of COVID 19 on Higher Education System, Organised by International Benevolent Research Foundation, Kolkata; Govt. Kamala Raja Girls Post Graduate College, Gwalior; and Confederation of India Universities, New Delhi, August 6-8, 2021.

—Dynamics of Choice and Inequality in Higher Education: A Grounded Theory Study‖, 46th All India Sociological Conference (Online), Organised by University of Mumbai, December 8-10, 2021.

—Outlooks and Dispositions of First Generation Students in Higher Education: A Grounded Theory Exploration‖, Online National Seminar on Achievements of Indian Economy: With Reference to the Village, Youth, Economy, Women, Environment, Digitalization and Industries, Organised by Gautam Buddha University, Greater Noida, April 30, 2022.

Details of invited lectures inside country

- **Prof. Bibhuti Bhushan Malik**

Delivered Lecture on "Tribe, Ecology and Development‖ as a Resource Person, Online Refresher Course in Tribal Studies on *Contemporary Issues in Tribal Studies*, organized by the UGC Human Resource Development Center (HRDC), Sambalpur University, Odisha from 10/01/2022 to 23/01/2022 on 13th January, 2022

Delivered Lecture on ‗Innovation and Research: Writing Project Proposals' at online Faculty Induction Programme on *"Social Research"* by U G C - H R D C , Jai Narain Vyas University, Jodhpur, Rajasthan on 30th September 2021

Delivered Lecture on ‗NEP and Higher Education: Prospect and Challenges' at online Faculty Development Programme on *"NEP 2020: Excellence in Higher Education"* by U G C - H R D C , Jai Narain Vyas University, Jodhpur, Rajasthan on 29th September 2021

Delivered Lecture on ‗How to Prepare Research Project' one day online National Webinar on *"Research and Research Methodology in Humanities"* by D e p a r t m e n t o f S o c i o l o g y , Deogiri College, Aurangabad, Maharashtra on 02nd September 2021

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

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

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

Prof. Manish K. Verma

Delivered an Invited Lecture as Resource Person on―Environment, Development and Care‖ in a National Symposium organized by the Indian Sociological Society RC 27: Sociology of Care on the theme,―Dynamics of Care‖scheduled on 12th June 2022.

Delivered an Invited Lecture as Resource Person on 8th June 2022 on the theme ―Development, Marginality and Issues of Displacement‖ to the participants of Summer School (Multi-disciplinary Refresher Course) organized by UGC-HRDC, Banaras Hindu University, Varanasi scheduled between June 7-20, 2022.

Delivered Invited Lecture as Resource Person on 3rd June 2022 on the theme ―Art of Writing Research Report‖ to the participants of One Week Faculty Development Program on ―Research Methodology in Social Sciences: Issues, Trends and Perspectives‖ jointly organized by Amity Academic Staff College & JNU Jean Monnet Module, School of International Studies, JNU, N. Delhi scheduled between June 3-10, 2022.

Delivered an Invited Lecture in the Research Committee 27 (RC-27) on ‗Sociology of Care' of Indian Sociological Society in a Book Release Function organized on 3rd April 2022 for the book titled, ―Mothers: Beyond Maternalism‖ published by Kalpaz Publications, N. Delhi.

Delivered an Invited Lecture as Guest of Honor on 29th March' 2022 in a National Seminar on―Sustainable Development and Quality of Life: Pre-requisites in Post Pandemic Society‖ organized by the Department of Sociology, University of Jaipur, Jaipurscheduled between 29-30 March' 2022.

Delivered an Invited Lecture in a Plenary Session on 30th March' 2022 in a National

Seminar on—Why Public Health in India Not So Public‖ organized by the Department of Sociology, University of Jaipur, Jaipuron the theme —Sustainable Development and Quality of Life: Pre-requisites in Post Pandemic Society‖, scheduled between 29-30 March‘ 2022.

Delivered an Invited Lecture as Resource Person on 15th March‘ 2022 in a National Seminar on—Development Disparities and Inclusive Policies for Women: Some Insights from Recent Experiences‖ organized by the Department of Sociology, University of Allahabad, Prayagrajon the theme,—Environmentalism, Gender Justice and Sustainability in Contemporary India: Issues and Concerns‖scheduled between 14-15 March‘ 2022.

Delivered Invited Lecture as Resource Person on 14th March 2022 on the theme —Academic Writing‖ to the participants of 7 Days‘ Workshop organized by the CentralUniversity of Haryana on the theme, —Doing Sociological Research: An Interdisciplinary Perspective‖scheduled between 7th to 15th March 2022.

Delivered Inaugural Lecture as Guest of Honor on 24th February 2022 in the 48th annual Conference of Kerala Sociological Society organized on the theme —Inequality and social Justice: Intersectionalities in Kerala Society‖ scheduled between 24-26 February 2022.

Delivered an Invited Lecture as Resource Person on 23rd January 2022 in a Webinar on —Netaji Subhash Chandra Bose: Nationalism and Youth Concerns‖ organized by CGN (PG) College, Gola-Khiri (U.P.).

Delivered Invited Lecture as Resource Person on 22nd January 2022 on the theme —SC Dube‘s Contributions on Modernization and Development‖ to the participants of Faculty Induction Program conducted by the UGC-HRDC, University of Lucknow, Lucknow on the theme, —Indian Culture and Civilization‖.

Delivered Invited Lecture as Resource Person on 14th January 2022 on the theme —Art of Writing Research Article/Paper‖ to the participants of Refresher Courseconducted by the UGC-HRDC, RDVV, Jabalpur University in Collaboration with Mahatama Gandhi Central University, Motihari on the theme, —Research Methodology in Socia**l Science”** scheduled during January10-22, 2022.

Delivered Invited Lecture as Resource Person on 11th December 2021 on the theme —Academic Writing in Social Science‖ to the participants of Refresher Course conducted by the UGC-HRDC, Dr. Hari Singh Gaur University, Sagar (M.P.) on the theme, —Shifting Paradigm in Social Science Research‖ scheduled between Dec‘ 6-18, 2021.

Delivered an Invited Lecture as Resource Person on 19th November 2021 on the theme —Development, Marginality and the Issues of Displacement‖ to the participants of Refresher Course conducted by the UGC-HRDC, Mohanlal Sukhadia University, Udaipur (Rajasthan) on the theme, —Data analysis and Choosing Correct Methods in Social Sciences‖.

Delivered an Invited Lecture as Resource Person on 8th Nov‘ 2021 in a National Webinar on —Sociology of Sanitation‖ organized by the Department of Sociological Studies, Central University of South Bihar, Gaya (Bihar).

Delivered an Invited Lecture as Resource Person on the theme —Sanitation and Environment‖ on 27th October 2021 in a Webinar on organized on —Centenary Celebration

of S.C. Dube‖ by the Department of Social Science and Social Work (Sociology) by Bhakt Kavi Narsinh Mehta University, Junagadh (Gujarat).

Delivered an Invited Lecture as Resource Person on the theme —S.C. Dube's Views on Modernization and Development‖ on 25th October 2021 in a Webinar on organized on —Centenary Celebration of S.C. Dube‖ by the Department of Social Science and Social Work (Sociology) by Bhakt Kavi Narsinh Mehta University, Junagadh (Gujarat).

Delivered Invited Lecture as Resource Person on 25th October 2021 on the theme —Art of Writing Research Article/Paper‖ to the participants of Orientation Course conducted by the Faculty Development Centre, Ishwar Saran PG. College, Prayagrajscheduled betweenOct' 23 to Nov' 22, 2021.

Delivered an Invited Lecture as Resource Person on the theme —Environmental Conservation: Issues and Challenges‖ on 25thAugust 2021 in an International Webinar on organized by the Department of Sociology, Lalit Narayan Mithila University, Darbhanga (Bihar).

Delivered an Invited Lecture as Resource Person on 31st July' 2021 in a Webinar on —Student's Carrier in the Age of Covid-19 Pandemic: Challenges and Solutions‖ organized by the Department of Sociology, Acharya Narendra Dev PG College, Babhnan, Gonda.

Delivered an Invited Lecture as Resource Person on 12th July 2021 in a Webinar on —Development, Marginalisation and Issues of Displacement‖ organized by School of Sociology, Gangadhar Meher University, Sambalpur, Orissa.

Delivered an Invited Lecture as Resource Person on 5th July' 2021 in a Webinar on —Development, Ecological Changes and Involuntary Displacement: A Sociological Analysis of Selected Projects ‖ organized on the theme , —Promising Sociologists‖ by Mahasociology, A Forum for Strengthening Maharastra Sociology, in collaboration with the Department of Sociology, BSES College of Arts and Commerce, Aurangabad, Maharastra.

Delivered an Invited Lecture as Resource Person on 30h June 2021 on the theme —Development, Marginalization and Issues of Displacement‖ in a Symposium organized by the Department of Sociology, Utkal University, Bhubaneshwar (Orissa).

Delivered an Invited Lecture as Resource Person on 24th June 2021 on the theme —Art of Report Writing‖ to the participants of Faculty Development Program conducted by the Amity University, Ranchi, Jharkhand on the theme, —Research Skill Enhancement‖ scheduled between June' 21 to June' 25, 2021.

Delivered an Invited Lecture as Resource Person on 26th March 2021 on the theme —Environment, Development and Covid-19‖ to the participants of the Amity University, Ranchi, Jharkhand.

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.

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.

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.

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.

Prof. Birendra N. Dubey

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

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

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

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

Prof. Jaya Shrivastava

Delivered a lecture as a resource person on the topic —Gendered Contestations: Addressing Street Harassment and Perception of Safety in India‖ in a workshop on —StandUP against Street Harassment‖ organized by Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow in collaboration with Breakthrough India, L‘Oreal Paris and Hollaback on March 8th , 2022.

Delivered an invited lecture as a resource person on the topic —Culture, Caste and Gender Intersectionality‖ in a course organized by —UGC-Human Resource Development Centre, Lucknow University, Lucknow on the theme —Indian Culture and Civilization‖ on January 27th, 2022.

Delivered an invited lecture as a resource person on the topic —Gender and Caste Intersectionality‖ in a course organized by —UGC-Human Resource Development Centre, Jawaharlal Nehru University (JNU), New Delhi on November 12th, 2021.

Delivered a lecture on —Understanding Masculinity and Asymmetrical Gender Relations in India: An Intersectional-Contextual Approach‖ in a workshop on the theme —Burden of Masculinity and Gender Relations‖ organized by Department of Sociology, BBAU, Lucknow on the occasion of International Men's Day on Nov. 18, 2021.

Delivered a lecture on —Hindi Mein Samaj Chintan: Samasyayen Evam Sambhavnayen‖ in a workshop organized by Department of Sociology, BBAU, Lucknow in collaboration with Govind Ballabh Pant Samaj Vigyan Sansthan and Rajkamal Prakashan, New Delhi on Oct. 28, 2021.

Delivered a lecture as a resource person on the topic —Understanding Legal Consciousness: Reponses of Ordinary Citizens to Street Harassment in India‖ in a workshop on —StandUP against Street Harassment‖ organized by Babsaheb Bhimrao Ambedkar University (BBAU), Lucknow in collaboration with Breakthrough India, L'Oreal Paris and Hollaback on September 15th, 2021.

Delivered an invited lecture as a resource person on the topic —Gender based Domestic Violence In India: Causes, Consequences, Prevalence and Prevention‖ in a course organized by P. G. Department of Sociology, Isabella Thoburn College under the aegis of Mission Shakti, an initiative of Government of Uttar Pradesh on March 13th, 2021.

Dr. Brajesh Kumar

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

Dr. Ajay Kumar

Delivered an Invited Lecture as Resource Person on *["*हहोदीमेंसमाज वि ान ऱेखन,प्रकाशन एिं ान की ननर्मिनि*" Hindi mein Samaj Vigyan Lekhan, Prakashan Evam Gyan ki Nirmiti,]* at a Two DayNational Seminar/Webinar on हहोदीमेंसामाजजक वि ान अनसन्धानु अिसर चनौनियाुँ एिंननिारण, (26-27, May, 2022) Organised by the IQAC, Shashkeey Tulsi Mahavidyalay Anooppur, Madhy Pradesh.

Delivered an Invited Lecture as Key Note Speaker on *["Gyan evam Boudhik vimarsh mein Dr.Ambedkar ki Upasthiti ka Mulyankan"* ान एिंबौविक विमशिमेंडॉ. अम्बेडकरकी उनस्थनि का मूलयाोकन*"]* at a National Seminar/Webinar on the occasion of the Name Expansion Day of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, MAHARASHTRA, 14, Aprail, 2022.

Chaired Technical Session as Resource Person on *"Unsung Heroines of Indian freedom Struggle : mortal Women Immortal Contributions"* at a Two Day National Seminar on The Forgotten Heroes of the Indian Freedom struggle, (26-27, March, 2022), Organised By

Center for the Study of Social Exclusion and Inclusive Policy, Faculty of Social Science, Banaras Hindu University, Varanasi.

Delivered an Invited Lecture as Resource Person on "Krantiveer Madari Pasi aur Awadh ka Eka-Kisan Andolan : Dastavejo Se Vishmrit Hashiyein ke Samaj ka Nayak"at a Two Day National Seminar on The Forgotten Heroes of the Indian Freedom struggle, (26-27, March, 2022), Organised By Center for the Study of Social Exclusion and Inclusive Policy, Faculty of Social Science, Banaras Hindu University, Varanasi.

Participated in One Month UGC Sponsored Guru Dakshta (FIP/OP) from (1-28, February, 2022), organized by the Human Resource Development Centre, University Grants Commission, University of Lucknow.

Presented a paper on "Bharat mein dalit adhyayano ki nirmithi: gyan, anubhav aur sangharsh se banta dalit samaajshastra" (RC-09, Dalit Studies) in the 46 th All India Sociological Conference during the Century Celebrations of Department of Sociology, University of Mumbai.

Presented a paper on "Bharateeya Samajik Andolano ke adhyayan ki sameeksha evam 21 vi sadi mein nav samajik andolano ka ubhaar" RC-17-Social Movement) in the 46 th All India Sociological Conference during the Century Celebrations of Department of Sociology, University of Mumbai.

Delivered an Invited Lecture as Resource Person on **"*New Social Movement in india"* At a National Seminar/Webinar on New Social Movement in india (30th October, 2021)** Organised By New Arts, Commerce and Science College, Shevgaon, Ahmednagar.

Attended —Stand Up Against Street Harassment training programmell dated 15 Sep. 2021,Jointly organized by Breakthrough and L'Oréal Paris recognize & Department of Sociology, BBAU, Lucknow.

Details of Research Projects :-

Dr.Ajay Kumar

Ongoing Seed Money Research Project on **"**दरि हहन्दी प्रेसएिडॉक्टर भीमरि अोबेडकरकी ैिचाररकी का अिोसंबोध:बहुजन कलयाण प्रकाशन रखनऊ का एक ऐनिहार्सक अध्ययन**" The Inter-relationship between Dalit Hindi Press and Dr. Bhimrao Ambedkar's ideology : An Historical Study of Bahujan Kalyan Prakashan, Lucknow**], Babasaheb Bhimrao Ambedkar University, Lucknow.

Students Achievements

Number of students completed their Masters	M.A.	32
Number of students selected in Universities	UPSC	02 Assistant Professor Kanpur University and Jaypur National University
Number of students selected on other government job	Govt. Job.	03 (PGT) Post Graduate Teachers and 01 Social Welfare Officer in Delhi Government.
	UPHE (Teaching in Higher Education)	05 (Assistant Professor Degree Collages)
	Teaching	01 (Gov. of Delhi)

Number of students awarded NET/JRF/GATE any other fellowship		JRF – 01, NET - 04 RGNF – 01

(i) Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/Availing
1	Dr. Sunita Bharti	Dr. Brajesh Kumar	-	**“**mPp f'k{kk esa izFke ih<h ds fo|kfFkZ;ksa dh pqukSfr;kW ,oa izfrfØ;k% y[kuÅ ftys ds ;qokvksa dk lekt'kkL=h; v/;;u**”** **(**Challenges and Response of First Generation Students in Higher Education: A Sociological Study of Youth in Lucknow District**)**	NFSC
2	Dr. Manashi Mahi	Prof. B.B. Malik	-	—Elementary Education and RTE: A Study of Selected Districts of Odisha‖	University Fellowship
3	Dr. Vijay Laxmi Mall	Prof. B.B. Malik	-	—Sociology and Human-Animal Interaction: A Study of Lucknow‖	University Fellowship
4	Dr. Soniya Singh	Prof. Manish K. Verma	-	—LoPNrk ,oa LokLF; lEcfU/kr eqn~ns% bykgkckn —kgj ds p;fur efyu cfLr;ksa dk ,d lekt‖kkL=h; v/;;u‖ (Issues of Sanitation and Health: A Sociological Study of Selected Slums of Allahabad City)	University Fellowship
5	Dr. Mudasir Qadir	Prof. Jaya Shrivastava	-	—Masculinity and Violence against Women: A Sociological Study of Selected Districts of Jammu and Kashmir‖	ICSSR

Ph.D thesis submitted during the year

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Harishchandra Mishra	Prof. K. Choudhary	--	Continuity and Changes in the Caste System: A study of two selected villages of Tiloi block in Raebarelly district	University Fellowship
2	Shikha Singh	Prof. K. Choudhary		Religiosity Among Hindus: A Study of Lucknow City	UGC-JRF
3	Komal Gautam	Prof. Jaya Shrivastava		Gender Based Violence on Campuses in India: A Sociological Study of Selected Universities of Lucknow City of Uttar Pradesh	UGC-JRF
4	Rahul Kumar Yadav	Prof. Jaya Shrivastava		—nfyr efgykvksa ds çfr fgalk % mŸkj çns‖k ds y[kuÅ vkSj vkt+ex<++ ftykas dk ,d oS;fDrd v/;;u‖ (Violence Against Dalit Women : A Case Study of Lucknow and Azamgarh Districts of Uttar Pradesh)	UGC-JRF
5	Dilip Kumar	Prof. Jaya Shrivastava		—Inequalities and Inclusiveness in Higher Education: A Sociological Study of Lucknow City of Uttar Pradesh‖	NFSC

6	Ramesh Kumar	Prof. B.B. Malik		Social Phlilospphy of Kabir and Kabir Panth: A Sociological Study of North India	UGC-JRF

Students pursuing Ph.D.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/ Availing
1	Jyoti Shukla	Prof. K. Choudhary	--	Culture, Environment and Impact of Tourism in a Meghalaya Village	UGC-JRF
2	Saurabh Kumar	Prof. K. Choudhary	--	Working Condition of Contract Labour: A Sociological Study of Selected Hospitals at Dehradun	UGC-JRF
3	Ashok Kumar Sonkar	Prof. K. Choudhary	--	nfyrksa esa oxZ foHkktu ,oa fodkl % bykgkckkn ftys ds p;fur xkWaoks dk v/;;u (Class Division among Dalits and Development: A Study of selected Villages of Allahabad District)	UGC-JRF
4	Tripti Kanojiya	Prof. K. Choudhary	--	Social Background and Career Aspirations of Students in Higher Education: A Study of two Selected Universities in Lucknow	University
5	Dipak Kumar Khrwar	Prof. B.B. Malik		tutkfr] ikfjfLFkfrdh ,oa fodkl % lksuHknz {ks= dk ,d lekt'kkL=h; v/;;u (Ttibe, Ecology and Development: A Sociological Study of Sonbhadra Region)	UGC-JRF
6	Khushboo	Prof. M. K. Verma		Globalisation and New Tourism: A Sociological Study of Wellness Tourism with Special focus on Yoga	**ICSSR**
7	Moni Chandra	Verma Prof. M. K. Verma		Ujjwala Yojana, Healh and Environment: A Sociological Study of Women of Selected Peri-Urban Cities of Uttar Pradesh	University Fellowship
8	Pawan Kumar	Prof. M. K.		River Bank Erosion, Displacement and Sustainability: A Sociological Study of People affected by River Sharda	UGC-JRF
9	Km. Manisha	Prof. M. K. Verma		efgyk;sa] o`)koLFkk ,oa LokLF;% fcgkj ds Nijk ftyk dk ,d lekt'kkL=h; v/;;u (Women, Ageing and Health: A Sociological Study of Chapra District of Bihar)	UGC-JRF
10	Bhavna Sharma	Prof. M. K. Verma		efgyk LokLF; ,oa vk;q'eku Hkkjr iz/kkuea=h tu vkjksX; ;kstuk% mRrj izns'k ds nks ftyksa 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)	UGC-JRF
11	Riya Singh	Prof. M. K. Verma		Work from Home and Changing Dynamics of Family Structure in the Age of Covid-19 Pandemic: A	University Fellowship

				Sociological Study of Selected States of India	
12	Abhishek Kumar	Prof. B.N.Dubey		Digitalization in India and Women: A Sociological Study of Hazaribag District	UGC-JRF
13	Durga Prasad Yadav	Prof. B.N.Dubey		Hkkjr esa fnO;kaxtu dh mPp f'k{kk lacaf/kr ljdkjh uhfr;ka% y[kuÅ 'kgj ds p;fur fo'ofo|ky;ksa 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)	**NFSC PwD**
14	Nistha Chaturvedi	Prof. B.N.Dubey		Live-In Relationship and its Impact on Family and Marriage System: A Sociological Study of Delhi- NCR	UGC-JRF
15	Agnivesh Pandey	Prof. B.N.Dubey		Corporate Social Responsibility and Local Area Community Development: A Study of Selected Companies of North India	UGC-JRF
16	Anurag Kumar	Prof. B.N. Dubey		Social Challenges of Cancer Survivors and Their Caregivers: A Sociological Study of Urban Lucknow	UGC-JRF
17	Shruti Singh	Prof. B.N. Dubey		Access, Equity, Social Justice and Dalit Women: A Sociological Study of Public and Private Universities of Lucknow District	UGC-JRF
18	Varsha Singh	Prof. Jaya Shrivastava		Work Challenges ofASHA Workers: A Sociological Study of Selected Blocks of Lucknow District	UGC-JRF
19	Aparna Verma	Dr. Brajesh Kumar		Juvenile Delinquency in Lucknow: A Sociological study	UGC-JRF
20	Sanjay Kumar Gautam	Dr. Brajesh Kumar		Unemployment and Employability among Urban Educated Youth: A Sociological Study of Lucknow District of Uttar Pradesh.	UGC-JRF
21	Anand Kumar	Dr. Brajesh Kumar		Social Media and Cast Identity Among Youth: A Sociological Study of Selected Universities in Lucknow	**NFSC**

M. Phil degree awarded

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/Availing
1	Ratnesh Kumar Yada	Prof. B.B. Malik	--	Religion and Youth Politics: A Study of University Students of Varanasi	Not Availing Fellowship

M.Phil dissertation Submitted

Sl. No.	Students	Guide	Co-guide	Title	Fellowship Availed/Availing
1	Kushagra Anand	Prof. Jaya Shrivastava	--	SOCIAL INCLUSION OF MANUAL SCAVENGERS:WITH SPECIAL REFERENCE TO MEHTAR CASTE OF PALIA KALAN KHERI	University Fellowship
	Mamta	Prof. Jaya Shrivastava	--	fnO;kaxtuksa ds izfr lkekftd vfHko`fRr;ksa ,oa O;ogkj izfrekuksa dk jk;cjsyh ftys ds Cykd [khjksa {ks= dk lekt'kkL=h; v/;;u (SOCIAL ATTITUDES AND BEHAVIORAL PATTERNS TOWARDS PERSONS WITH DISABILITIES: A SOCIOLOGICAL STUDY OF KHIRON BLOCK OF RAEBARELI DISTRICT)	NFPwD
	Pooja Tripathi	Prof. Manish K. Veram	--	uxjhdj.k] ouksUewyu ,oa lekt% ,d lekt'kkL=h; v/;;u (URBANIZATION, DEFORESTATION AND SOCIETY: A SOCIOLOGICAL STUDY)	University Fellowship
	Alka Gautam	Prof. B.N. Dubey	--	mPp f'k{kk rFkk funsZ'k ds ek/;e dk fo|kfFkZ;ksa ij izHkko^% ckcklkgsc Hkhejko vEcsMdj fo'ofo|ky;] y[kuÅ dk ,d lekt'kkL=h; v/;;u (IMPACT OF MEDIUM OF INSTRUCTION ON THE STUDENTS AND HIGHER EDUCATION: A SOCIOLOGICAL STUDY OF BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY, LUCKNOW)	University Fellowship

Any other special achievement recorded by the students:-

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

Δεταιλ οφ τηε Πυβλιχατιονσ οφ τηε στυδεντσ (Βοοκσ/Αρτιχλε/Βοοκσ Χηαπτερσ)

Sl. No.	Name Students	Books	Articles/Paper	Book Chapters
1	Nishtha Chaturvedi	--	02	--
2	Sanjay Kumar Gautam	--	01	--
3	Saurabh Kumar	--	01	--
4	Soniya Singh	--	01	--
5	Manisha	--	01	--

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

To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.

To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of administrative theory and practices, Indian administration, civil services reforms, public policy and global governance.

To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking between various administrative-governance issues and challenges.

To make teaching in public administration theoretically rich and empirically grounded.

To motivate and inform students about the opportunities and future prospects in the field.

To develop the overall personality of students and prepare them to compete and success in their endeavors.

To provide a progressive, healthy and vibrant environment to its students as well as teachers for the purpose of developing a department known for its academic and intellectual pursuit.

To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

Course Offered:

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

Proposed Courses:

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

Details of Faculty:

Prof. Ripu Sudan Singh
Head, Department of Public Administrator
Specialization: International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, U. P. Politics.
Qualifications: M. A., M. Phil, Ph. D.

0 Dr. O. P. B. Shukla
Associate Professor, Department of Public Administration
Specialization: Indian Government and Politics, Public Policy, Development and Social Policy, Good Governance, Governance and allied fields, Administrative System.
Qualification**:** Ph.D.

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

II Dr. Pradeep Kumar Singh
Assistant Professor Department of Public Administration
Specialization: Public Policy, Development and Social Policy, Administrative Theory and Thought, Good Governance, Governance and allied fields, Financial Administration and Organizational Behavior
Qualification: Ph.D.

4. Details of Seminar / Conference organized by the department:

Special Lecture by **Dr. Vinay S. Baghel** Department of Environment Microbiology BBAU, Lucknow, on dated 05 May 2022 on the topic **"Global Water Crisis and It"s Management"**

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

i. Dr. Pradeep Kumar Singh

Indian Political Science Association : Life Member

0 Future Plans of the Department:

Introducing more courses in both M.A and Ph.D. Programmes 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

***0* Academic Activities of the**

Faculty: Prof. Ripu Sudan Singh

Professor & Head

Project

Major research project on the topic ***POLITICAL PARTICIPATION AND SOCIAL INCLUSION: A CASE STUDY OF BOATSMEN COMMUNITY OF BUDDELKHAND REGION IN UTTAR PRADESH*** sent to ICSSR, New Delhi.

Subject Experts:

Invited as a Subject expert in the CAS selection in Political Science, in Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, New Delhi

External Member in DRC in Bundelkhand University, Jhansi

6. Student"s achievements:

(i) Accomplishments of Students

Number of students completed their Masters/Graduation/Diploma number of student selected in civil services	B.A M.A	76 42
Number of student pursing higher studies	-	01

(ii) Ph.D students Pursing

1.	Vindrasen	Dr. Vibhooti Narayan	UGC JRF
2	Chandan Singh	Dr. Pradeep Kumar Singh	UGC JRF
3	Praveen Kumar Gautam	Dr. O.P.B. Shukla	Non NET

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.

Courses offered:-

M.A

Ph.D

Facilities available in the Department:-

Departmental Library

Details of Faculty:-

0 **Prof. S. Victor Babu**
Designation - Professor & Head
Qualification-M.A, M.Phil & Ph.D

Area of Specialization-Late Medieval Indian History, Environmental History and Christianity in North East India and Historiography

Dr. Shura Darapuri Designation -
Professor **Qualification-**M.A,
M.Phil & Ph.D
Area of Specialization-Modern Buddhist movements

Dr. V. M. Ravi Kumar Designation -
Assistant Professor
Qualification-M.A, Ph.D
Area of Specialization-Modern Indian History, Environmental History, Dalit and Tribal History of modern India

Dr. Sidharth Shankar Rai
Designation -Assistant Professor
Qualification-M.A, D.Phil
Area of Specialization-Ancient History & Archaeology

Members/fellowship of professional/Academic bodies/editorial board

Prof. S. Victor Babu

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

Prof. Shura Darapuri

Indian History Congress
UP History Congress
All India Rights Organization (A Chapter of Naina Dayal Foundation)
Maha Bodhi Society of India
Member, DRC, Department of History, BBAU
Member, BPGS, Department of History, BBAU
Member, BUGS, Department of History, BBAU
Member, School Board, SASSS, BBAU
Member Academic Council, BBAU
Member, RDCU, Department of History, BBAU

Dr. V. M Ravi Kumar

Member in Indian History Congress
Life member in Uttar Pradesh History Congress

Details of Books written / edited by faculty members:-

0 **Dr. V. M. Ravi Kumar**

0 V. M. Ravi Kumar, History of non-timber forests in South India, 1970-1920, vol. 7, Issue, 4, 2021, pp. 88-96.

I V. M. Ravi Kumar, Ecological Nationalism: A Study on Ecological Thought of Pandit Deendayal Upadhyaya, International journal of Research and Analytical Review, September 2021, Vol.8. Issue. 3. pp. 465-476.

II V. M. Ravi Kumar, Ambedkar's the Buddha and his Dharma: An Analysis from Ecological Perspective, North Asian International Research Journal of Social Science and Humanities, September 2021, Vol. 7, Issue, 9, pp. 11-16.

III V. M. Ravi Kumar, Environmentalism from Below (Dalits) in India: A Review, March 2021, Vol. 8, Issue. 29, pp. 161-165.

Details of Book Chapter in edited volume:-

0 **Prof. Shura Darapuri**

0 —Bhagwan Das and the Internationalization of the Issue of Untouchabilityǁ in Dalit Intellectuals-Ideas, Struggles and the Vision edited by Yagati Chinna Rao and Raj Sekhar Basu, published by Primus Books,2022. (Communicated)

I —Reminiscences of Bibliophilism of Dr. Ambedkarǁ, Contemporary Voice of Dalit, SAGE. (Communicated)

I **Dr. V. M. Ravi Kumar**

0 V.M. Ravi Kumar, Railways and Forests: History of Railways and their impact upon Forest Policies in South India, in Ganeswar Nayak (eds), Railways in Colonial South Asia, Routledge, 2021.

I V.M. Ravi Kumar, Social Environmentalism: A Study on Ecological Ideas and Practices of B.R. Ambedkar, in Jaganatham B. eds, B.R. Ambedkar and Social Transformation, Routledge, 2021.

II **Dr Siddharth Shankar Rai**

0 Pandey, R. K., & Rai, S. S. (2022). सामाजजक विमशिकी नई ऩररभाषाएेरचिा भमोडऱीकरणू. भारिीय समाज केविविध आयाम , सोऩादक- नम्रिा जैन, टी. एस. ऩजलऱके शन्स,हदलऱी, 179–185

Paper Published during the year by the faculty members:-

0 Pandey, R. K., & Rai, S. S. (2021). भमण्डऱीकिू भारि का आर्थिकइनिहास और उसका सामाजजक प्रभिा. राधाकमऱमकजी : चिौनऩरोऩरा,जऱाई-हदसोबर(िषि23 अोक 2), 133–139.

I Pandey, R. K., & Rai, S. S. (2021). डॉ. अम्बेडकरकी राष्ट्र ननमिाणकी ऩररयोजना िथा उसके उऩकरण. अऩनी माटी, 38.

II Pandey, R. K., & Rai, S. S. (2021). डॉ॰ बाबासाहबभीमरिा अोबेडकरऔर बविज्मु : नियान. समसामनयक सजनृ , (अक्िबरू - हदसोबर), 220–222.

III Pandey, R. K., & Rai, S. S. (2022).िजविकमहामारी केदौर मेंभमण्डऱीकरणू : विचार एिी व्यिहार, शोध हदशा. माचिअोक,

IV Pandey, R. K., & Rai, S. S. (2022). उद्योग 4.0 : उत्ऩादन केनए साधनों का समाज िथा उसके सरोकार, अऩनी माटी, अोक 39,

V Pandey, R. K., & Rai, S. S. (2022).इक्कीसिीसदी की भमण्डऱीकिू दननयु केर्ऱए शं ा : मलयोंू मेंप्रनिमान विस्थाऩन, शोध धारा, अोक 63,

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

S. S. Rai (2021) TEXT-AIDED ARCHAEOLOGICAL ANALYSIS OF EARLY HISTORIC FORTIFICATION IN INDIA, Shodh Sanchar Bulletin 11 (41), 77-80

0 नीरज कुमार, सिंथिशोकरराय (2021) छोटा नागन्नरु की महान्नाषाणणक समार्धयॉ: ंिअी और ंिंिमाननन्नरोन्नरा,शोध सररिा 8 (29), 220-223

Attended/participated in Conferences/seminar/workshop inside Country

0 **Prof. Shura Darapuri**

International Webinar on ‗Digital Humanities' Session 7 organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Department of English in association with Sophia University Tokyo, Japan, 5th April, 2021.

International Webinar on ‗Innovation in Entrepreneurship' organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Department of Commerce in association with Cranfield University, UK, 28th April, 2021.

International Webinar on ‗Global Standards in Library Science-4(RFID)' organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Department of Library and Information Science in association with Rapid Radio Solutions Pvt. Ltd. Ahmedabad, Gujerat and Bibliotheca Singapore Pte. Ltd. Singapore,7th May 2021.

International Webinar on ‗Hindi Language and Literature in Global Context' organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Department of Hindi in association with Guangdong University of Foreign Studies, China,10th May 2021.

International Webinar on ‗Digital Humanities' (Session-10) organized by Seshadripuram Evening Degree College, Bengaluru, Karnataka, Department of English in association with Harvard University Cambridge University, Massachusetts, US,12th May 2021.

International Webinar on ‗Digital Humanities' (Session-12) Seshadripuram Evening Degree College, Bengaluru, Karnataka in association with King's College London, UK and international Institute for Digital Humanities, Tokyo, Japan,27th May 2021.

Presented paper on ‗Women in Buddhism' in an International Webinar organized by Mahabodhi Society on the occasion of Buddh Purnima in May 2021.

National Seminar on ‗Ecosystem Restoration for Environmental Sustainability' organized by Alumni Association of JNU on the eve of World Environment Day, June 4th 2021.

One Week Online Faculty Development Program on ‗Advanced Research Methodology Applicable in New Education Policy' organized by Digvijay Nath Post Graduate College, Gorakhpur, UP and Science Tech Institute, Lucknow , UP from June 22-28, 2021.

One-week Online Faculty Development Program on Advanced Research Methodology jointly organized by Amiruddaula Islamia Degree College, Lucknow &Science Tech Institute Lucknow, 21-27 March, 2022.

Attended Lectures

‗Voyaging to Suvarnabhumi: Shipwrecks, Objects and Interlacing of Intangible with Tangible Heritage' organized by Project Mausam under Indira Gandhi National Centre for the Arts on 4th September, 2021.

‗From the Sea to the Shore and Beyond: Examining the role of Cowries in the Ancient and Medieval Trade Networks in India.' Prof. Alok Kumar Kanungo of IIT, Gandhinagar organized by Indira Gandhi National Centre for the Arts on 15th November 2021.

‗Narrativising the Creativity of Nagas and their Relationship with the Sea' by Ms. Debashree Roy Project Associate (Mausam) organized by Indira Gandhi National Centre for the Arts on 30th October 2021.

Details of invited lectures inside country

Prof. Shura Darapuri

Symposium on ‗Critical Perspectives on Contemporary Themes in Social Science' organized by Amity Institute of Liberal Arts, Lucknow Campus. Session on: ‗History of Marginalization-Social Exclusion in India' on 6/4/2022.

Global Conference on —Lucknow Climate Change Conference on Control of Green House Gasses at the Source by Physical and Chemical Technologies_2k22 (LCCCCGGSPCT_2k22)" on the occasion of ‗Earth Day (22 April)', jointly organized by The Asian Association of Sugar Cane Technologists' (AASCT)
Topic: "Earth Day and Early Indian Traditions for the Conservation of Environment" 23/4/2021

0 On the occasion of Dr Ambedkar Jayanti and Foundation Day, delivered lecture in seminar organized on the topic —Dr Bhimrao Ambedkar ka Jivan, Sangharsh aur Cinemall organized by BBAU, Lucknow,13/4/2022.

Co-curricular/Extra-curricular/sports Activities:-

Invited to participate in documentary feature, entitled —Uttar Pradesh ke Krantiveer-Amar Virangana Jhalkari Baill on 26/9/2021 organized by Doordarshan, Lucknow.

Students achievements:-

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

M.Phil.D degree Awarded during the year			
Sl. No.	**Students Name**	**Supervisor**	**Title**
1	**Rakesh Kumar**	Prof. Shura Darapuri	Social History ofBarua Buddhist Community in Uttar Pradesh: With Specific Reference to Lucknow (1947-2000)
Ph.D thesis submitted during the year			
Students Name		**Supervisor**	**Title**
Osadha Theri		Prof. S. Victor Babu	BUDDHISM IN COLONIAL MYANMAR (1886-1947)
Pannesi		Prof. Shura Darapuri	WOMEN IN BUDDHIST NUNNERY IN POST-COLONIAL MYANMAR (1948-2017)

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**	Alok Saroj
9		Ranjeet Kumar
10		Pannesi
11		Wasfi Fatima
12		Anubha Chaturvedi
13		Basant Kumar Kanaujiya
14	**Dr. V.M. Ravi Kumar**	Sathish Kumar Chevuri
15		Rohit Verma
16		Kaushalya Kumari

17		Nay Mein Da
18	**Dr. Sidharth Shankar Rai**	Rajiv Kumar Pandey
19		Pritam Rai
20		Sheetal Kumari

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	Shivangi Maindola
5		Priyanka Mishra
6	Dr. Sidharth Shankar Rai	Pallavi Rai
7	Dr. Renu Pandey	Neha Dixit

M.Phil. thesis submitted during the year			
Sl. No.	**Students Name**	**Supervisor**	**Title**
1	Shubham Yadav	Prof. S. Victor Babu	Green Imperialism: A Case Study of Saharanpur Botanical Garden (1850-1947)
2	Shivangi Maindola	Dr. V.M. Ravi Kumar	HISTORICAL TRAJECTORY OF IMPERIAL FOREST SCHOOL (1878-1906)

Number of students selected on other Government job

Name of Students	Course/Class	Session	Name of the Organisation where Employed	Package/DOJ (if available)
Rohit verma	Ph.D.	2019-2024	P.C.S OFFICER, U.P	01-11-2021

Google profile of the faculty members:-

Prof. S. Victor Babu

	All	Since 2017
Citations	7	3
h-index	1	1
i10-index	0	0

Dr. Sidharth Shankar Rai

	All	Since 2017
Citations	26	21
h-index	3	3
i10-index	1	1

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

Brief History

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

(ii) The UGC conveyed the approval of the aforesaid scheme vide letter No,F.3-11/2007(SCT) dated 23 February 2007 to implement the above mentioned project as per approved item of assistance given in the guidelines of the scheme during 2006-07 and 2007-08.

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

Post Advertised in 2007 vide Advt. No 01/2007 of BBAU

Selections of the following approved Posts (mentioned below) were done through proper Selection Committee.

Teaching and Research

Professor-cum-Director:01
Reader cum- Deputy Director:02
Lecturer-cum- Assistant Director:03
Research Associate:02

Non -Teaching

Research Assistant:02
Data Entry Operators:02
ProfessionalAssistant:01
Library Attendant:01
Attendant:01

On 4th August 2008 the centre was formally inaugurated

36th BOM held on May 29,2009 resolved that *the University assures to bear the liability of salary of the teaching and* non-*teaching staff appointed against the sanctioned post after the UGC"s assistance ceases on completion of five year i.e 22.02.2012".*

UGC letter F. No.1-12/2006(SCT) dated March 30,2011 of **continuation of the Centre.**

UGC letter F. No.3-11-2007(SCT) dated September 11,2012, **granting similar status to the employees** of Centre at par with the University employees.

44th special Meeting of BOM held on May 10,2013 resolved that, *„as per UGC letter dated September 11,2012, employees of CSSEIP to be given similar status at par with University employees".*

Proposed as Department of Social Exclusion and Inclusive Studies(40th Academic Council Meeting) under School for Ambedkar Studies.

Some key objectives as per UGC Guidelines:-

Conceptualizing discrimination, exclusion and inclusion based on caste /ethnicity and religion;

Developing understanding of the nature and dynamics of discrimination and exclusion;

Contextualizing and problematizing discrimination exclusion and inclusion;

Developing an understanding of discrimination at an empirical level;

Formulating policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination.

Functions as per UGC Guidelines:-

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

Undertaking M.Phil and Ph.D supervision.

Collecting information on Social Exclusion and building up a database.

Carrying out detailed analyses based on the socio-economic data generated by government agencies.

Organizing regular conferences, seminars and symposia on the theme of Social Exclusion.

Publishing regularly the research findings of the Faculty and students.

Organizing public lectures on the subject by eminent scholars.

Reaching out to scholars, especially young scholars, in other universities and colleges through an active programme of inviting Visiting Faculty.

Establishing links with Civil Society Organizations engaged in combating Social Exclusion.

Course offered:-

Social Exclusion and Inclusive Development:CSS101 (CBCS Open Elective Paper)

Public Policy, Governance and Development :CSS 102 (CBCS Open Elective Paper)

Facilities available in the Department :-

Departmental library is available and working in the Centre.

Details of Faculty:-

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

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

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

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

Dr. Md. Reyaz, Ahmad, Research Associate

Details of the Seminar/Conference/Webinar organised by the Department:-

Special Lecture on —Towards epistemology of Social Exclusion and Developmentll on 7 July 2021. Speaker Prof Vivek Kumar, JNU, New Delhi.

Special Lecture On "Combating Social Exclusion: Theories and Evidence" on 12 March 2022. Speaker Prof Y Chinna Rao, JNU, New Delhi.

Members/fellowship of professional/Academic bodies/editorial board:-

Dr. Bibekanand Nayak, **Assistant Professor-cum-Assistant Director**

- ***0*** Life Member- LMI3060- Indian Sociological Society
- ***I*** Life Member-778-Indian Association for Social Sciences and Health
- ***II*** Life Member-0134- Association for Socio-Economic Development Studies-
- ***III*** Life Member: Indian Political Economic Association
- ***IV*** Editorial Board Member- A National Journal Shodh Prerak

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

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

Dr. Md. Reyaz Ahmad, Research Associate

- ***0*** Indian political Science Association
- ***I*** Association of the Socio- Economic Development Studies

Details of Books written/edited by faculty members

Marginalisation and Girls: Policy Perspectives. Lakshi Publishing Centre, New Delhi, 2018.ISBN: 978-93-82120-76-6 Dr. Prasamita Mohanty

Status of Muslim Girls Education in India (Under Process) Dr. Prasamita Mohanty.

(iii) Dalits Excavations in Historical Domain: Within and Beyond Texts: Dr. Sangeeta Krishna.

Details of Books Chapter in edited volume:-

The book chapter on —Use of ICT in the Education of Tribal Students in India ll by 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 **Dr. Bibekananda Nayak & Doleswar Bhoi**

The book chapter on —Indian Diaspora, Women and Social Challenges: Mapping through Gender Perspectivesll by 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 **Dr.Bibekananda Nayak & Doleswar Bhoi**

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

Paper Published during the year by the faculty members:-

Dalit Symbolism: A Journey Towards Renewed Aspirations and Democratic Public Space, Contemporary Voice of Dalit ,2022 1–20.eISSN:2456-0502/ISSN2455328X (UGC –CARE List) Dr. Sangeeta Krishna

Dalits Inventing Tradition Towards Democratisation Of Historical Knowledge, The Heritage: Multi-lingual Research Journal of Indology, Vol. XIII Issue. 1,2022. ISSN :2229-5399(UGC – CARE List) Dr. Sangeeta Krishna.

Attended/participated in conferences/seminar/workshop inside Country:-

National Webinar on —Senior Citizens: Problems and Welfare Measures‖ organized by Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP)Andhra University, Visakhapatnam on 21.08.2021 Dr. Rudra Prasad Sahoo

CRG-RLS Public Lecture titled "Perspectives on Human Mobility: Normative and Political‖ on 28 October 2021 (Thursday) at 18.00 hrs IST, at Swabhumi, Kolkata. The lecture will be delivered by Achin Chakraborty, Professor of Economics & Director, Institute of Development Studies, Kolkata (IDSK), India and moderated by Byasdeb Dasgupta, Professor of Economics, University of Kalyani, India & Honorary President, CRG. Dr. Rudra Prasad Sahoo.

ekSykuk vktkn eseksfj;y vdkneh }kjk ns'k ds çFke f'k{kk ea=h Hkkjr jRu ekSykuk vcqy dyke vktkn dh 133oha t;arh ¼jk"Vªh; f'k{kk fnol ½ ds volj ij fnukad 11 uoacj 2021 le; çkr% 10%30 cts vdkneh ds ykbczsjh gky vkSjaxkckn [kkylk y[kuÅ esa ,d laxks"Bh 'kh"kZd] ^^ekSykuk vktkn cgqvk;keh O;fäRo^^ dk vk;kstu fd;k x;k gSA Dr. Rudra Prasad Sahoo.

A paper Interrogating the Idea of Freedom from the lens of Ambedkar was sent to two days National Seminar on —The forgotten heroes of the Indian freedom struggle‖ organized by CSSEIP, BHU which was held on 26-27 March, 2022 Dr. Rudra Prasad Sahoo.

7th Session of the Distinguished Gandhi Lecture Series on the theme 'Moral Cruelty: Gandhi, Dignity and Resentment' by Prof. Aishwary Kumar (Eminent Political Theorists & Intellectual Historian, Stanford University, USA), organized by Gandhi Study Circle, Zakir Husain Delhi College on 30th January 2022. Dr. Sangeeta Krishna.

National Level Webinar 2 on 'Expressions of Feminism in Therigatha: Poems by Buddhist Nuns' under the series of webinars titled 'Indian Feminism Through The Ages' jointly organized by IQAC and Women's Development Cell of Smt. P. N. Doshi Women's College, on January 10, 2022. Dr. Sangeeta Krishna

International Conference on Advancement of Human Rights in 21st Century organized by Department of Human Rights , Babasaheb Bhimrao Ambedkar University, Lucknow on December 10, 2021 Dr. Sangeeta Krishna.

School of Earth & Environmental Sciences

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

Department of Geology

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

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

The Department is emerging as a leading institution in the field of Geology showing its paramount aspirations to explore and excite all the individuals to pursue all the aspects and approaches of advanced mineralogy, petrology, geodynamics, geochemistry, 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

To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.

To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of geology

To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking geology with biological, chemical and physical sciences.

To strengthen field Geology as is the capstone course for the Geology program which requires knowledge gained in Geomorphology, Petrology, Sedimentology and Stratigraphy, Structural Geology and GIS verified by field study.

To make teaching in geology theoretically rich along with regular field trips

To motivate and inform students about the opportunities and future prospects in the field.

To develop the overall personality of students and prepare them to compete and success in their endeavors.

To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

Future Plans of the Department:-

- ***0*** Recruitment of permanent faculty
- ***I*** Establishment of Laboratories, Petrological, Remote Sensing
- ***II*** Introducing Ph.D. Programme
- ***III*** To introduce certificate course in geology
- ***IV*** International collaboration with prestigious institutions
- ***V*** To strengthen departmental library

Course Offered:

- ***0*** B. Sc. (Hons) Geology
- ***I*** M. Sc. Geology

Facilities available in the Department:

- ***0*** 01 Laboratory
- ***I*** 04 Lecture Rooms
- ***II*** 01 Departmental Library

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

Resource Person: 09

Dr. (Mrs.) Vertika Shukla
Resource Person
Specialization: Chemistry, Analytical Chemistry, Environmental Chemistry
Qualification: M.Sc., Ph.D.

Dr. Priyanka Singh
Resource Person
Specialization: Environmental Geochemistry
Qualification: M. Sc., Ph.D.

Dr. Dhirendra Kumar
Resource Person
Specialization: Geomorphology, Remote Sensing and GIS, Sedimentology Mapping
Qualification: M.Sc., Ph.D.

Dr. Sushil Kumar Bharti
Resource Person
Specialization: Remote Sensing- GIS, Aerosol Science, Meteorology
Qualification**:** M.Sc., Ph.D

Dr. Dhananjay Kumar
Resource Person
Specialization: Environmental Pollution, and bioremediation
Qualification: M.Sc., Ph.D.

Dr. Abhishek Kumar Resource
Person Specialization:
Biophysics Qualification:
M.Sc., Ph.D.

Dr. Anis
Resource Person
Specialization: Sedimentology, Petroleum Geology, Mineralogy
Qualification: M.Sc., Ph.D.

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

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

Other departmental level Academic Activities:

0 **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.

0 Poster Competition
I Rangoli Competition
II Geological model competition
III Quiz competition

I **Fossils 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.

Foundation Day

Foundation day of department was celebrated on 9 August, 2019 whose theme was —Current Scenario and Future Aspects of Geologyll. 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.

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

Dr. Vertika Shukla	**Life Member:** Society of International Society of Environmental Botanist **Life member:** Indian Lichenological Society **Life member:** Zoological Society of India, Bodhgaya
Dr. Anis	**Life Member:** Mineralogical Society of India **Life Member:** Geochemical Society **Associate:** Society of earth Scientist, Lucknow **Annual Member:** Indian Association of Sedimentologist, Association of Petroleum Geologist, Dehradun, Society of Petro physicist and Well Log Analysis (India Chapter)
Dr. Sushil Kr. Bharti	**Life Member**: Indian Aerosol Science and technology Association
Dr. Dhananjay Kumar	**Life member**: Zoological society of India, Bodhgaya **Life Member**: BBAU Alumni Association, Lucknow
Mr. Ravindra Kumar	**Life Member:** Indian Science Congress
Mr. Sonu Kumar	**Life Member:** American Association of Petroleum Geologists, AAPG

Editor/ Reviewer

Dr. Vertika Shukla	**Chief Editor:** Cryptogam Biodiversity and Assessment (Official Publication of Indian Lichenological Society) **ISSN: 2456-0251**
	Reviewer: **Environmental Pollution** (Elsevier Publication) **Ecotoxicology and Environmental Safety** (Elsevier Publication) **Science of the Total Environment** (Elsevier Publication) **International Journal of Environment Science Technology** (Springer Publication) **Environmental Science and Pollution Research** (Springer Publication) **Phytochemistry Reviews** (Springer Publication) **Journal of Ayurveda and Integrative Medicine** (Elsevier Publication)
Dr. Sushil Kr. Bharti	**Reviewer :** **Atmospheric Pollution Research** (Elsevier Publication) **Applied Water Science** (Springer Publication)

Details of Book written/edited by faculty members:

Dr. Vertika Shukla	**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 **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. Kumar N and **Shukla Vertika** (Eds) (2021) Persistent Organic Pollutants in Environment: Origin and Role. CRC Publisher, Taylor & Francis, ISBN: 9780367512880

7. Details of Book Chapter in edited volume:

Kulsoom M, **Shukla Vertika**, Kumar N 2021. Environmental Dynamics of Persistent Organic Pollutants. In Kumar N and Shukla V (eds) Persistent Organic Polluatants in Environment: Origin and Role. CRC press ISBN: 9780367512880

Kulsoom M, **Shukla Vertika**, Kumar N 2021. International Legislation for Containment of Persistent Organic Pollutants and Hazardous Chemicals In Kumar N and Shukla V (eds) Persistent Organic Polluatants in Environment: Origin and Role. CRC press ISBN: 9780367512880

Sunita Mishra, **Dhananjay Kumar**, Poorva Dubey. (2021). Source of contamination and effect of food processing on pesticide residue in food. In Shukla and Kumar(eds) Persistent organic pollutant in the environment: Origin and role CRC Press, Taylor & Francis Group. In press.

Dr. Sushil Kr. Bharti, Environmental Implication of Persistent Organic Pollutants (POPs).

Paper published during the year by the faculty members :-

Shukla V. Kumar N and Upreti, D. K., 2021. Cryptic world of Lichen Metabolites. ILS Newsletter 1: 12-14

Bajpai, R. #, **Shukla, V#**.,Raju A., Singh CP, Upreti D.K. 2022; A geostatistical approach to compare metal accumulation pattern by lichens in plain and mountainous regions of Northern and Central India. Environmental Earth Science 81:203, https://doi.org/10.1007/s12665-022-10336-6 (I.F. 2.784) (#: equal authorship) Kumar D, Priyanka, **Shukla Vertika**, Kumar S, Ram RB, Kumar N **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 (I.F. 2.007) DOI: 10.1007/s13762-019-02594-y

Chetan Anand Dubey, Dhruv Sen Singh, Anoop Kumar Singh, Satish Jagdeo Sangode, **Dhirendra Kumar**, Pankaj Kumar; 2022 Sedimentation pattern of kame terraces and its implication to climatic events in the Gangotri glacier region since 25 Ka BP, Garhwal Himalaya, India (Journal of Asian Earth Sciences)

Priyanka Singh, Biotite as a geoindicator of rare earth element contamination in Gomati river basin, Ganga Alluvial Plain, northern India; Environmental monitoring and assessment (2021) 193:361

Anis, Abdullah Khan, Narendra Kumar and Mujeebul Hasan (2020). Diagenesis and Porosity Evolution of the Pachmarhi Sandstones (Early Triassic), Satpura Gondwana Basin, Central India. *The Journal of the Indian Association of Sedimentologists;* 37(2): 37-48. (UGC Approved Journal)

Anis*, Abdullah Khan, Narendra Kumar, M. Masroor Alam, Mujeebul Hasan and Parwez Akhtar (2021). Detrital modes, mineralogy and major elements geochemistry of the Early Triassic Pachmarhi Sandstones, Satpura Basin, Central India: Implications to provenance characteristics, tectonic setting, palaeoclimate and weathering signatures. *Indian Journal of Geosciences (Published by Geological Survey of India);* 75 (2): 112-125

Dhananjay Kumar, Raj Kamal Kishor, Urvashi Sharma, 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

Dhananjay Kumar, Priyanka, Shukla Vertika, Kumar S, Ram RB, Kumar N **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 (I.F. 2.007) DOI: 10.1007/s13762-019-02594-y

Dr. Sushil Kr. Bharti, Characterization of minerals associated with atmospheric dust using FTIR in the city of Lucknow**.**

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

Dr. (Mrs.)Vertika Shukla participated in National Training Workshop on ―Environment, Biodiversity and Disaster Risk Management‖ 2-6 March 2020. Department of Energy and Environment, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow

Dr. (Mrs.)Vertika Shukla. Participated in Workshop on ―Publication Ethics and Patenting‖ 10 Feb. 2020. Department of Energy and Environment, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow

Dr. (Mrs.) Vertika Shukla, delivered oral presentation on Environmental Significance of variation in metabolites in lichen, *Heterodermia diademata.* In: International Conference on "Environmental Sustainability: Innovations, Translational Dimensions and Way Forward" from 10th to 12th February, 2020. Department of Energy and Environment, BBA (Central) University, Rae Bareli Road, Lucknow**.**

Dr. (Mrs.) Vertika Shukla Participated in Five Day Faculty Development Program (FDP) on Environment, Biodiversity and Disaster Risk Management held on 2nd to 6th March, 2020 organized by Dept. of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow and National Institute of Disaster Management (NIDM), MoHA, Govt of India.

Dr. (Mrs.) Vertika Shukla Webinar on Geohazards Risk Assessment and Mitigation Strategies on 29 March 2022 organised by NIDM, New Delhi and BBAU, Lucknow

Dr. (Mrs.) Vertika Shukla Webinar on Mangroves and Disaster Risk Reduction on 25 Narch 2022 organised by NIDM, New Delhi in collaboration with BSIP, Lucknow

Dr. (Mrs.) Vertika Shukla Online Tarining cum Conference on Disater risk reduction &resilience: Policies and management, 7-9 March 2022 jointly organized by Department of Geology BBAU, Lucknow and NIDM, New Delhi

Dr. (Mrs.) Vertika Shukla Web-seminar: Realize your sustainability vision with GIS, organized by ESRI India, 16 September 2021.

Dr. Dhirendra Kumar attended online Training cum Conference on **"Disaster Risk Reduction & Resilience: Policies and Management"**

Dr. Dhirendra Kumar attended online webinar on **"Geohazards: Risk Assessment and Mitigation Strategies"**

Dr. Sushil Kumar Bharti Participated in an online workshop on Integrating Scopus in Research Workflow

Dr. Sushil Kumar Bharti Participated in Online Training Programme on ―Child Centric Disaster Risk Reduction‖ Jointly Organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with the Central University of Jharkhand held from 10-12 November 2020

Dr. Sushil Kumar Bharti Participated in Online Two Day National Open Workshop on Getting Aligned to the Publishing Process- Scopus + Science Direct.

Dr. Sushil Kumar Bharti Participated in an Online workshop on Read Quality-Publish Quality-Write Effectively organized by Mahatma Gandhi Central University on Thursday 11 June 2020.

Dr. Sushil Kumar Bharti Rapid Capacity enhancement for risk reduction during active COVID-19 Response " from 19 Jan 2022 to 21 Jan 2022.

Dr. Sushil Kumar Bharti Disaster Risk Reduction and Resilience Policies and Management from 07 Mar 2022 to 09 Mar 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India

Dr. Sushil Kumar Bharti Mangroves and Disaster Risk Reduction on 25 Mar 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Birbal Sahni Institute of Palaeosciences.

Dr. Sushil Kumar Bharti Geohazards Risk Assessment and Mitigation Strategies on 29 Mar 2022 organized byNational Institute of Disaster Management, Ministry of Home Affairs, Govt. of India incollaboration with Babasaheb Bhimrao Ambedkar University

Dr. Sushil Kumar Bharti IITM cloud physics lecture series.

Dr. Dhananjay Kumar participated in **o**ne Month Online Summer Internship on —Introduction to Surveying, Satellite Geodesy and GNSS/GPS‖ Organized by Multidisciplinary Centre for Geoinformatics Delhi Technological University Shahbad Daulatpur, Delhi – 110042 during July 7th - August 06th, 2020

Dr. Dhananjay Kumar Participated in Five Day Faculty Development Program (FDP) on Environment, Biodiversity and Disaster Risk Management held on 2nd to 6th March, 2020 organized by Dept. of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow and National Institute of Disaster Management (NIDM), MoHA, Govt of India. **Dhananjay Kumar** *Participated* in five day Training Workshop on Environment, Biodiversity and Disaster Risk Management held on 2nd to 6th March, 2020 organized by Dept. of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow and National Institute of Disaster Management (NIDM), MoHA, Govt of India.

Dr. Dhananjay Kumar *Presented research paper* at Integrated Workshop on Publication Ethics and Patenting & International Conference on —Environmental Sustainability: Innovation, Translational Dimensions and Way Forward‖ entitled —Physiological and biochemical responses of A. paniculata exposed to copper and cadmium stress‖ held on 10th to 12th February, 2020 organized by Dept. of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Dhananjay Kumar Participated in Webinar on Geohazards Risk Assessment and Mitigation Strategies on 29 March 2022 organized by NIDM, New Delhi and BBAU, Lucknow

Dr. Dhananjay Kumar Participated in Webinar on Mangroves and Disaster Risk Reduction on 25 March 2022 organized by NIDM, New Delhi in collaboration with BSIP, Lucknow

Dr. Dhananjay Kumar Participated in Online Training cum Conference on Disaster risk reduction &resilience: Policies and management, 7-9 March 2022 jointly organized by Department of Geology BBAU, Lucknow and NIDM, New Delhi.

Dr. Dhananjay Kumar Participated in Webinar on —Restoration of Ecosystem Services: Challenges & Opportunities ‖ Jointly Organized by Central University of Jharkhand in Collaboration with Professor H.S. Srivastava Foundation for Science and Society (PHSSFSS), Lucknow, held on 5th June 2021

Mr. Sonu Kumar presented Poster Presentation On —Application of Oxygen isotopes for interpreting Climate change‖ at BBAU, Lucknow International National Seminar on Environmental Sustainability: Innovations, Translational Dimensions and Way Forward, from 10th- 12th February 2020.

Mr. Sonu Kumar presented Oral Presentation on —Sequence Stratigraphic Interpretation of Late Oligocene Maniyara Fort Formation, Western Kutch, India‖ at 36th IGC Delhi, (Accepted) 2020.

Mr. Sonu Kumar presented Oral Presentation on —Rating Curve Characteristics of Gomati River Basin, Ganga Alluvial Plain, Northern India‖ at Central University of Karnataka, International Conference on water Resources, From Oct 16 & 17, 2020.

Mr. Sonu Kumar participated in International conference on —application of SPSS and statistical data analysis‖ Eudoxia Research Centre, Assam, 2020.

Mr. Sonu Kumar participated in —Training Program on —Manuscript Drafting and Publishing‖ Eudoxia Research Centre, Assam, 2020.

Mr. Sonu Kumar participated in —Virtual workshop on —Blue Planet encompassing‖ Central University of Punjab, Punjab, 2020.

Mr. Sonu Kumar Participate in International Conference on —Paleoclimate changes‖ Vellore Institute of Technology, Tamilnadu, 2020.

Mr. Sonu Kumar participated in Webinar on —Remote sensing in crop monitoring and assessment‖ Indian institute of Remote sensing, Dehradun, 2020.

Mr. Sonu Kumar delivered an oral presentation on —Mercury contamination in shallow Ground water of Malihabad during Monsoon season , Central Ganga Alluvial Plain, Northern Indian‖at Centre for water Resources, Institute of Science and Technology, Hydrabad, Indian national ground water conference virtual mode from 22 – 24th March, 2021.

Mr. Sonu Kumar participated in Puspose oriented Training Program on flood fore casting& modeling Disaster management on 13 July, 2021.

Mr. Sonu Kumar participated in Training Program through Distance learning on — Hydrological Modeling System‖ conducted by Nation Water Academy, Pune, from 26 -30th July , 2021

Mr. Sonu Kumar participated in Advance Training on Quaternary mapping‖ conducted by NR GSI, Lucknow on 28th July, 2021.

Mr. Sonu Kumar Presented entitled" Stable isotopes characteristics of summer monsoon in Gomati River basin Ganga Alluvial Plain, northern India" under theme of Water Security and Sustainable development 2nd Water Conclave Roorkee (2nd - 4th March, 2022)

xl. **Mr. Sonu Kumar** Participated in Training Cum Conference on —Disaster Risk Reduction & Resilience: Policies and Management‖ (7th -9th March,2022) Conducted by NIDM, New Delhi.

xli. **Mr. Sonu Kumar** Participated in —Mangroves and Disaster Risk Reduction‖(25thMarch, 2022), Conducted by NIDM, New Delhi.

xlii. **Mr. Sonu Kumar** Participated in —Geohazards: Risk Assessment and Mitigation Strategies‖ (29th March , 2022) Conducted by NIDM, New Delhi.

xliii. **Mr. Anis** Participated in Online Training cum Conference on Disaster risk reduction & resilience: Policies and management, 7-9 March 2022 jointly organized by Department of Geology BBAU, Lucknow and NIDM, New Delhi

xliv. **Mr. Anis** Participated in Webinar on Mangroves and Disaster Risk Reduction on 25 Narch 2022 organised by NIDM, New Delhi in collaboration with BSIP, Lucknow

10. Attended/Participated in conference/seminar / workshop outside country: -

Dr. (Mrs.)Vertika, Shukla was invited for Special Session of UNCRD on International Partnership for Expanding Waste, Management Services of Local Authorities (IPLA)– a SDG Partnership towards the 2030 Agenda for Sustainable Development Goals. The 16th International Conference on Waste Management and Technology (16th ICWMT 2021), June 27, 2021 10:00 AM Osaka, Sapporo, Tokyo/ June 27, 2021 09:00 AM Beijing, China, United Nations Centre for Regional Development (UNCRD), International Partnership for Expanding Waste Management Services of Local Authority (IPLA) – a SDG Partnership, United Nations Environment Programme (UNEP), Basel Convention Regional Centre for Asia and the Pacific (BCRC).

Dr. (Mrs.) Vertika Shukla attended Web-Workshop of UNCRD, Special Session on International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – a SDG Partnership, organized by UNCRD, Japan, Jun 29, 2020

iii. **Mr. Sonu Kumar** attended —Introduction to Deep Earth Science‖ (Through edX: Online course) Tokyo Institute of Technology, Japan, 2020.

Mr. Sonu Kumar attended Geology On- Line Labs: —Virtual Earth quake‖ California State University, U.S. 2020.

11. Details of invited lecture inside the country:

Dr. (Mrs.) Vertika Shukla delivered **invited talk** on Biomonitoring approaches: Air quality monitoring with Lichens. In: *Two days" International Workshop-cum-Conference (Online) on „Lichen Research"* (29th & 30th July 2021) *NMHS (MoEF&CC)* sponsored, organized by Department of Biotechnology &SRICC, Kumaun University, Nainital

Dr. (Mrs.) Vertika Shukla delivered lecture as **Resource Person** on Methods in utilization of lichens in air pollution monitoring. I*n: Workshop on Integrative Systematics of lichens – Identification to Bio prospecting*, 05 to 07 July 2021, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow and DST, New Delhi

Dr. (Mrs.) Vertika Shukla delivered lecture as **Resource Person** in Webinar Lecture on the topic —Electronegativity Scalesǁ on 25 June 2020 organised by Shivika Students welfare Society, SSWS, Bhopal

Dr. (Mrs.) Vertika Shukla delivered lecture as **Resource Person** on Webinar Lecture on the topic —Phytochrome and Cryptochrome, their photochemical and biochemical propertiesǁ on 10 June 2020 organised by Shivika Students welfare Society, SSWS, Bhopal

12. Students achievements:

(i) M.Sc. Dissertation Completed

Name of Faculty	No. of students
Dr. (Mrs.) Vartika Shukla	**06**
Dr. Priyanka	**03**
Dr. Anis	**04**
Dr. Sushil Kumar Bharti	**03**
Dr. Dhananjay Kumar	**02**
Mr. Ravindra Kumar	**03**
Mr. Sonu Kumar	**04**

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

Number of student pursuing in higher studies. (IIT-JAM)

0 Vikas Kumar **(AIR-52)**

I Kartik Patel

II Anuj Singh

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

0 Miss Ananya Srivastava, CSIR-NET, LS

Google profile of the faculty members:

0 **Dr. Vartika Shukla, Resource Person**

	All	Since 2016
Citations	972	531
h-index	15	11
i10-index	26	14

Dr. Sushil Kumar Bharti, Resource Person

	All	Since 2016
Citations	126	126
h-index	6	6
i10-index	4	4

Dr. Dhananjay Kumar, Resource Person

	All	Since 2016
Citations	141	138
h-index	7	7
i10-index	4	4

Dr. Abhishek Kumar, Resource Person

	All	Since 2016
Citations	228	224
h-index	9	7
i10-index	5	4

Dr. Dhirendra Kumar, Resource Person

	All	Since 2016
Citations		133
h-index		7
i10-index		6

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. At present, there are two Professors, one Associate Professor and seven Assistant Professors in the department with diverse fields of specialization namely Microbial Ecology, Bioremediation and Metagenomics, Rhizosphere Biology/Microbiology, Stress Physiology 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.

Mission and Mandate

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

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

Development of sustainable techniques and approaches in the field of environmental and agriculture microbiology for a better and sustainable future.

Infrastructural Facilities

To achieve these mandates, following laboratories have been established in the Department by the faculty members:

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

Major and Minor Equipments

UV-VIS Spectrophotometer (02)
Double Distillation (01)
Gel Documentation system (01)
Temperature controlled shaker (01)
PCR (01)
pH Meter (01)
Centrifuge (02)
Laminar Flow (03)
BOD Incubator (02)
Autoclave (02)
Ultra Sonicator (01)
Deep Freezer (01)
Oven (01)
Weighing Balance (02)
Microwave oven (01)
Photography attached Microscope (01)
Rotatory shaker (01)
Gel Electrophoresis (01)
Refrigerators (14)
Ion Meter Hanna (01)
Rotary Vacuum Evaporator (01)
Electrodes(01)
Spectrophotometer Nanodrop (01)
Computer workstation (01)

Course offered:

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

Facilities available in the Department

M.Sc. laboratory
Research laboratory
Smart Classroom
Departmental Library

Details of faculty

Prof. Ram Chandra (Head)

Specialization: Bioremediation and Metagenomics of industrial polluted site, General Microbiology, bacterial assisted phytoremediation and ecorestoration of polluted site, Microbes and environment stress management

Experience: Teaching: 16 years Research: 31 Years

Qualification: M.Sc., Ph.D.

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: 21 years Research: 21 Years

Qualification: M.Sc., Ph.D.

Dr. Suneesh Kumar Pachathundikandi

Specialization: Innate Immunity, Infection Biology, Cytokine Biology, Transcriptomics and

Experience: Teaching: 3 years Research: 17 Years

Qualification: M.Sc., Ph.D.

Dr. Vinay Singh Baghel

Specialization: Environmental Microbiology/ Env. Biotechnology/ Toxicology

Experience: Teaching: 13 years Research: 10Years

Qualification: M.Sc., Ph.D.

Dr. Jay Shankar Singh

Specialization: Microbial Ecology and Environmental Microbiology

Experience: Teaching: 16 years Research: 16Years

Qualification: M.Sc., Ph.D.

Dr. Ram Naresh Bhargava

Specialization: Bioremediation of Environmental Pollutants and Metagenomics analysis

Experience: Teaching: 10 years Research: 13Years

Qualification: M.Sc., Ph.D.

Dr. Pankaj Kumar Arora

Specialization: Bacterial Genomics and Bioremediation

Experience: Teaching: 06 years Research: 06Years

Qualification: M.Sc., Ph.D.

Dr. Digvijay Verma

Specialization: Metagenomics, Microbiomics, Microbial diversity, Industrial Enzymes

Experience: Teaching: 3.5 years Research: 12Years

Qualification: M.Sc., Ph.D.

Dr. Ravi Kumar Gupta

Specialization: Microbial genetics, genes and small noncoding RNA regulation, development of antimicrobial therapy
Experience: Teaching: 04 years Research: 13Years
Qualification: M.Sc., Ph.D.

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: 15 years Research: 15Years
Qualification: M.Sc., Ph.D.

Other Departmental level academic activities

Organized Student-Parent-Teacher Meeting by the Department on 25/02/2022

Members/fellowship of professional/Academic bodies/editorial board

Prof. Ram Chandra

0 Fellow, International Society of Environmental Botanists (ISEB) (2020)
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

0 Life Member of Association of Microbiologists of India. Membership No.1224-1998
I Life Member, Indian Science Congress, Membership No. L23732, Agriculture and Forestry Sciences.
II Life Member, Asian PGPR Society, ICRISAT Patancheru, Hyderabad
III Life Member, Microbiologists Society, India, Membership No LM-284, September, 2019

Dr. Ram Naresh Bharagava

0 Life Member of the Indian Science Congress Association (ISCA), Kolkata, India
I Life Member of the Association of Microbiologists of India (AMI), India
II Life Member of the Biotech Research Society of India (BRSI), Trivandrum, India

- ***III*** Life Member of the **Academy of Environmental Biology (AEB),** Lucknow, India

Dr. Digvijay Verma

- ***0*** Life Member of Association of Microbiologists of India (AMI)
- ***I*** Life Member of Biotech Research Society of India (BRSI)
- ***II*** Life Member of Indian Science Congress Association (ISCA, India)
- ***III*** Associate editor in BMC Microbiology
- ***IV*** Review Editor in Frontiers in Microbiology

Dr. Ravi Kumar Gupta

- ***0*** Life Member of American Society for Microbiology (ASM)
- ***I*** Life Member of American Association for the Advancement of Science (AAAS)
- ***II*** Editorial Board Member of the Journal Advances in Microbiology Research, Herald Publications, USA.

Dr. Pankaj Kumar Arora

- ***0*** Editorial Board Member of Scientific Reports, Data in Brief, Journal of Indian Botanical Society
- ***I*** Academic Editor of PLOS ONE
- ***II*** Associate Editor of Frontiers in Microbiology

Details of book written/edited by faculty members

Book titled —**Nano-Biotechnological Advancements in Environmental Issues: Applications and Challenges**‖ (2021) Edited by **Ram Naresh Bharagava**, published by **Nova Science Publishers**, Inc., USA. **ISBN: 978-1-53619-975-8.**

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.

Book titled —Microbes in Land Use Change Management‖ Elsevier (2021) Edited by Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Kumar Singh, published by Elsevier. ISBN: 9780128244487.

Book titled —Text Book of Environmental Studies‖ Balanta Academe (2021) Authored by Jay Shankar Singh et al . ISBN: 9788195228355.

Book titled —Nano-Biotechnological Advancements in Environmental Issues: Applications and Challenges‖ Nova Science Publishers, Inc. (2021) Edited by Ram Naresh Bharagava, and Reetika Singh.

Book titled —Fate and Transport of Subsurface Pollutants‖ Elsevier (2021) Edited by Pankaj Kumar Gupta and Ram Naresh Bharagava published by Springer. ISBN: 978-981-15-6564-9.

7. Details of book chapter in edited volume

Kumar, Adarsh, and Ram Chandra. "Extremophilic nature of microbial ligninolytic enzymes and their role in biodegradation." In Microbial Biodegradation and Bioremediation, pp. 571-589. Elsevier, USA, 2022.

Kumar, Adarsh, Ajay Kumar Singh, and Ram Chandra. "Recent advances in physicochemical and biological approaches for degradation and detoxification of industrial

wastewater." Emerging treatment technologies for waste management (2021): 1-28. Springer, Singapore, 2021.

Tripathi, Sonam, Kshitij Singh, and Ram Chandra. "Adaptation of bacterial communities and plant strategies for amelioration and eco-restoration of an organometallic industrial waste polluted site." In Microbes in Land Use Change Management, pp. 45-90. Elsevier, USA, 2021.

Rastogi, Swati, Sheel Ratna, Olfa Ben Said, and Rajesh Kumar. "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.

Ratna, Sheel, Swati Rastogi, and Rajesh Kumar. "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.

Hussain, Asim, Muhammad Bilal, Hamza Rafeeq, Zara Jabeen, Nadia Afsheen, Farooq Sher, Vineet Kumar, Ram Naresh Bharagava, Luiz Fernando Romanholo Ferreira, and Hafiz MN Iqbal. "Role of laccase in the pulp and paper industry." In Nanotechnology in Paper and Wood Engineering, pp. 35-60. Elsevier, USA, 2022.

Zainith, Surabhi, Luiz Fernando Romanholo Ferreira, Ganesh Dattatraya Saratale, Sikandar I. Mulla, and Ram Naresh Bharagava. "Membrane-based hybrid processes in industrial waste effluent treatment." In Membrane-Based Hybrid Processes for Wastewater Treatment, pp. 205-226. Elsevier, 2021.

Kadri, Syeda Ulfath Tazeen, Adinath N. Tavanappanavar, Mohammed Azharuddin Savanur, Babu R. Nagesh, Sanjay Kumar Gupta, Ram Naresh Bharagava, Anyi Hu, Paul Olusegun Bankole, and Sikandar I. Mulla. "Role of Microorganisms in Mitigating Plant Biotic and Abiotic Stresses." Plant-Microbial Interactions and Smart Agricultural Biotechnology (2021): 91-114.

Kishor, Roop, Ram Naresh Bharagava, Luiz Fernando Romanholo Ferreira, Muhammad Bilal, and Diane Purchase. "Molecular techniques used to identify perfluorooctanoic acid degrading microbes and their application in a wastewater treatment reactor/plant." In Wastewater Treatment Reactors, pp. 253-271. Elsevier, 2021.

Fernandes, Clara Dourado, Débora S. Vilar, Nádia Hortense Torres, Muhammad Bilal, Hafiz Iqbal, Ram Naresh Bharagava, Silvia Maria Egues, and Luiz Fernando Romanholo Ferreira. "Fungal Potential for the Degradation of Synthetic Dyes: An Overview of Renewable Alternatives for the Production of Lignin-Modifying Enzymes." Microbial Products for Health, Environment and Agriculture (2021): 153-181. 2021

Saxena, Gaurav, 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, pp. 435-457. Elsevier, 2021.

Kadri, Syeda Ulfath Tazeen, Adinath N. Tavanappanavar, R. Nagesh Babu, Muhammad Bilal, Bhaskar Singh, Sanjay Kumar Gupta, Ram Naresh Bharagava, Muthusamy Govarthanan, Mohammed Azharuddin Savanur, and Sikandar I. Mulla. "Overview of Waste Stabilization Ponds in Developing Countries." The Handbook of Environmental Chemistry, 2021. Springer, 2021.

Lei, Mei G., Ravi Kr Gupta, and Chia Y. Lee. "A Rat Model of Orthopedic Implant-Associated Infection for Identification of Staphylococcal Biofilm Proteins." In Staphylococcus aureus, pp. 117-125. Humana, New York, NY, 2021.

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

Singh, Kshitij, Ram Chandra, and Diane Purchase. "Unraveling the secrets of rhizobacteria signaling in rhizosphere." Rhizosphere (2022): 100484.

Tripathi, Sonam, Sangeeta Yadav, Diane Purchase, Kaman Singh, Hind A. Al-Shwaiman, and Ram Chandra. "Characterization of persistent organic pollutants and culturable and non-culturable bacterial communities in pulp and paper sludge after secondary treatment." Chemosphere 295 (2022): 133892.

Tripathi, Sonam, Sangeeta Yadav, Pooja Sharma, Diane Purchase, Asad Syed, and Ram Chandra. "Plant growth promoting strain Bacillus cereus (RCS-4 MZ520573. 1) enhances phytoremediation potential of Cynodon dactylon L. in distillery sludge." Environmental Research (2022): 112709.

Tripathi, Sonam, Ram Chandra, Diane Purchase, Muhammad Bilal, Raja Mythili, and Sangeeta Yadav. "Quorum sensing-a promising tool for degradation of industrial waste containing persistent organic pollutants." Environmental Pollution 292 (2022): 118342.

Tripathi, Sonam, Diane Purchase, Sarah Al-Rashed, and Ram Chandra. "Microbial community dynamics and their relationships with organic and metal pollutants of sugarcane molasses-based distillery wastewater sludge." Environmental Pollution 292 (2022): 118267.

Singh, Kshitij, Sonam Tripathi, and Ram Chandra. "Maillard reaction product and its complexation with environmental pollutants: A comprehensive review of their synthesis and impact." Bioresource Technology Reports 15 (2021): 100779.

Singh, Ajay Kumar, Adarsh Kumar, Muhammad Bilal, and Ram Chandra. "Organometallic pollutants of paper mill wastewater and their toxicity assessment on Stinging catfish and sludge worm." Environmental Technology & Innovation 24 (2021): 101831.

Tripathi, Sonam, Pooja Sharma, and Ram Chandra. "Degradation of organometallic pollutants of distillery wastewater by autochthonous bacterial community in biostimulation and bioaugmentation process." Bioresource Technology 338 (2021): 125518.

Tripathi, Sonam, Pooja Sharma, Diane Purchase, and Ram Chandra. "Distillery wastewater detoxification and management through phytoremediation employing Ricinus communis L." Bioresource Technology 333 (2021): 125192.

Sharma, Pooja, Sonam Tripathi, Diane Purchase, and Ram Chandra. "Integrating phytoremediation into treatment of pulp and paper industry wastewater: field observations of native plants for the detoxification of metals and their potential as part of a multidisciplinary strategy." Journal of Environmental Chemical Engineering 9, no. 4 (2021): 105547.

Ratna, Sheel, and Rajesh Kumar. "Production of di-rhamnolipid with simultaneous distillery wastewater degradation and detoxification by newly isolated Pseudomonas aeruginosa SRRBL1." Journal of Cleaner Production (2022): 130429.

Kumar, Aniruddha, Asha Lata Singh, Rajesh Kumar, Pramod K. Rajak, and Prakash K. Singh. "Desulphurization of Dibenzothiophene by Different Bacterial Strains: An Eco-Friendly Approach to Obtain Clean Fuel from Coal." Geomicrobiology Journal (2022): 1-10.

Rastogi, Swati, and Rajesh Kumar. "Statistical optimization of biosurfactant production using waste biomaterial and biosorption of Pb2+ under concomitant submerged fermentation." Journal of Environmental Management 295 (2021): 113158.

Rastogi, Swati, Shweta Tiwari, Sheel Ratna, and Rajesh Kumar. "Utilization of agro-industrial waste for biosurfactant production under submerged fermentation and its synergistic application in biosorption of Pb2+." Bioresource Technology Reports 15 (2021): 100706.

Ratna, Sheel, Swati Rastogi, and Rajesh Kumar. "Current trends for distillery wastewater management and its emerging applications for sustainable environment." Journal of Environmental Management 290 (2021): 112544.

Bharti, Shweta, Sanjeeva Nayaka and Rajesh Kumar. "Evaluation of some traditional therapeutic properties of usnea longissima (Ascomycota, Lichenized fungi): antimicrobial, antiquorum and antioxidant." Journal of microbiology, biotechnology and food sciences 11, no. 4 (2022): e3163-e3163.

Ambust, Shweta, Amar Jyoti Das, and Rajesh Kumar. "Bioremediation of petroleum contaminated soil through biosurfactant and Pseudomonas sp. SA3 amended design treatments." Current Research in Microbial Sciences 2 (2021): 100031.

Das, Amar Jyoti, Shweta Ambust, Tripti Singh, and Rajesh Kumar. "Biosurfactant assisted design treatments for remediation of petroleum contaminated soil and metabolomics based interactive study with Brassica nigra L." Environmental Challenges 4 (2021): 100080.

Singh, Chhatarpal, Shashank Tiwari, Pradeep Kumar Rai, and Jay Shankar Singh. "Sustainable management of paddy crop residues: effects on methanotrophs diversity and value for soil health restoration." Land Degradation & Development 32, no. 14 (2021): 4121-4131.

Vimal, Shobhit Raj, Shikha Yadav, Pradeep Kumar Rai, and Jay Shankar Singh. "Role of Bacillus humi (SS4) in Management of Legume Vigna radiata (L.) Stresses under Saline Environments." Climate Change and Environmental Sustainability 8, no. 1 (2020): 54-66.

Vimal, Shobhit Raj, Ashish Kumar Singh, and Jay Shankar Singh. "Influence of Pseudomonas spp. on Okra (Abelomuscus esculantaus L.) growth parameters and antioxidant activities under soil salinity." Microbiology Research 11, no. 1 (2020): 20-26.

Kishor, Roop, Abhay Raj, and Ram Naresh Bharagava. "Synergistic role of bacterial consortium (RKS-AMP) for treatment of recalcitrant coloring pollutants of textile industry wastewater." Journal of Water Process Engineering 47 (2022): 102700.

Chowdhary, Pankaj, Anjali Singh, Ram Chandra, P. Senthil Kumar, Abhay Raj, and Ram Naresh Bharagava. "Detection and identification of hazardous organic pollutants from distillery wastewater by GC-MS analysis and its phytotoxicity and genotoxicity evaluation by using Allium cepa and Cicer arietinum L." Chemosphere 297 (2022): 134123.

Kishor, Roop, Diane Purchase, Ganesh Dattatraya Saratale, Luiz Fernando Romanholo Ferreira, Chaudhery Mustansar Hussain, Sikandar I. Mulla, and Ram Naresh Bharagava. "Degradation mechanism and toxicity reduction of methyl orange dye by a newly isolated bacterium Pseudomonas aeruginosa MZ520730." Journal of Water Process Engineering 43 (2021): 102300.

Yadav, Ashutosh, Pooja Yadav, Anil Kumar Singh, Vijay Chintaman Sonawane, Ram Naresh Bharagava, and Abhay Raj. "Decolourisation of textile dye by laccase: Process evaluation and assessment of its degradation bioproducts." Bioresource Technology 340 (2021): 125591.

Kishor, Roop, Ganesh Dattatraya Saratale, Rijuta Ganesh Saratale, Luiz Fernando Romanholo Ferreira, Muhammad Bilal, Hafiz MN Iqbal, and Ram Naresh Bharagava. "Efficient degradation and detoxification of methylene blue dye by a newly isolated ligninolytic enzyme producing bacterium Bacillus Albus MW407057." Colloids and Surfaces B: Biointerfaces 206 (2021): 111947.

Anand, Sneha, Prashant Pandey, Mohammed Yasmin Begum, Kumarappan Chidambaram, Dilip Kumar Arya, Ravi Kr Gupta, Ruchi Sankhwar, Shweta Jaiswal, Sunita Thakur, and Paruvathanahalli Siddalingam Rajinikanth. "Electrospun Biomimetic Multifunctional Nanofibers Loaded with Ferulic Acid for Enhanced Antimicrobial and Wound-Healing Activities in STZ-Induced Diabetic Rats." Pharmaceuticals 15, no. 3 (2022): 302.

Anand, Sneha, Paruvathanahalli Siddalingam Rajinikanth, Dilip Kumar Arya, Prashant Pandey, Ravi K. Gupta, Ruchi Sankhwar, and Kumarappan Chidambaram. "Multifunctional Biomimetic Nanofibrous Scaffold Loaded with Asiaticoside for Rapid Diabetic Wound Healing." Pharmaceutics 14, no. 2 (2022): 273.

Sankhwar, Ruchi, Shilpi Yadav, Abhishek Kumar, and Ravi Kr Gupta. "Application of nano-curcumin as a natural antimicrobial agent against Gram-positive pathogens." Journal of Applied and Natural Science 13, no. 1 (2021): 110-126.

Verma, Digvijay. "Extremophilic prokaryotic endoxylanases: Diversity, applicability, and molecular insights." Frontiers in Microbiology (2021): 2489.

Vishwakarma, Akanksha, and Digvijay Verma. "Microorganisms: crucial players of smokeless tobacco for several health attributes." Applied Microbiology and Biotechnology 105, no. 16 (2021): 6123-6132.

Srivastava, Ankita, SukhDev Mishra, and Digvijay Verma. "Characterization of oral bacterial composition of adult smokeless tobacco users from healthy Indians using 16S rDNA analysis." Microbial Ecology 82, no. 4 (2021): 1061-1073.

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.

9. Attended/participated in Conferences/seminar/workshop inside country:-

Prof. Ram Chandra (2019) delivered a Keynote lecture in ―5th International conference on Innovative Approaches in Applied Sciences and Technologies‖ on ―Health Hazards of Post Methanated Distillery Waste on Environment and Green Technology for Environmental Safety‘ on dated 04 December, 2021 at Babasaheb Bhimrao Ambedkar University(A Central University), Lucknow, Uttar Pradesh.

Prof. Ram Chandra delivered Invited lecture on ―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 01 September, 2021 at Dr. B. Lal Institute of Biotechnology, Rajasthan.

Prof. Ram Chandra delivered Invited lecture on ―Integration of nanoparticles with phytoremediation as an innovative technology for eco-restoration of the polluted site‖on dated 13August, 2021 at CSIR-NEERI, Nagpur, Maharashtra.

Prof. Ram Chandra delivered Invited lecture on —Environmental health hazards of post methanated distillery waste and its biodegradation for environmental safety‖ on dated 20 August, 2021at Dr. H.S. Gour, Central University, M.P.

Dr. Jay Shankar Singh delivered as invited lecture entitled —Microbial Services in Sustainable Development‖ during national training course on —Sustainable Entrepreneurship in Agriculture, Horticulture Fisheries, Animal Husbandry & Allied Sectors for Economic Development of India during March 01-21, 2022.

Dr. Jay Shankar Singh delivered as invited talk entitled —Biochar in Management of Agriculture Fertility‖ national training course (NTC) on Opportunities in Agriculture, Animal Husbandry & Allied Sectors for Sustainable Entrepreneurship & Livelihood Security during July 01-22, 2021.

Dr. Jay Shankar Singh chaired the international web-conference on —New trends in Agriculture, Environmental and Biological Sciences for Inclusive Development‖ during June 21-22, 2021.

Dr. Jay Shankar Singh delivered as invited lecture entitled —Microbes in Management of Soil Disturbances Due Land Use Changes —International Conference on Current Approaches in Agricultural, Animal Husbandry and Allied Sciences for Successful Entrepreneurship (CAAAHASSE-2021) during 12-13 March 2021.

Ram Naresh Bharagava successfully completed the Refresher Course in Research Methodology (ID) organized by the UGC-HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) India from August 23-September 04, 2021.

Ravi Kr Gupta participated in the 6th international Conference on —Indian Network for Soil Contamination Research‖, from November 15-18, 2021

Ravi Kr Gupta participated in the —International Conference on Advances in Biotechnology and Applied Microbiology‖ from March 30-31.

Digvijay Verma Completed two weeks, Faculty Development program (FDP) on ‗Natural Sciences' 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) (20 September - 04 October 2021)

Digvijay Verma participated in the 7th Annual Congress on Applied Microbiology and Beneficial Microbes (Applied Microbes 2022) held on December, 2021.

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)

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)

Consultancy works:-

Paid consultancy with amount received:-

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

Details of invited lecture inside the country

Prof. Ram Chandra delivered **Invited lecture** on *—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*ǁ on dated **01 September, 2021** at **Dr. B. Lal Institute of Biotechnology, Rajasthan.Prof. Ram Chandra** delivered **Invited lecture** on *—Integration of nanoparticles with phytoremediation as an innovative technology for eco-restoration of the polluted site*ǁon dated **13August, 2021** at **CSIR-NEERI,** Nagpur, **Maharashtra.**

Prof. Ram Chandra delivered **Invited lecture** on *—Environmental health hazards of post methanated distillery waste and its biodegradation for environmental safety"* on dated **20 August, 2021**at **Dr. H.S. Gour, Central University, M.P**

Dr. Digvijay Verma delivered an invited lecture at Dr. Ram Manohar Lohia Avadh University, Faizabad on National Science Day on topic ‗Exploring the potential of unseen microorganisms', on dated **28.02.2022**.

Dr. Digvijay Verma delivered an invited lecture at Harlal Institute of Management and Technology, Greater Noida on topic ‗Metagenomic approaches to explore the microorganisms', on dated **16.03.2022.**

Details of National Awards/fellowship

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

Details of Research Projects

- 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 pollutionǁ funded by DBT, New Delhi, with grant of Rs. 72.59 lakh for three years (w.e.f. March 2018)
- Dr. Ram Naresh Bharagava has completed a major project entitled —Development and optimization of a microbial fuel cells (MFCs) consortium for the effective degradation and detoxification of residual dyes from textile industry wastewater with simultaneous bioelectricity generationǁ funded by DST, New Delhi, with grant of Rs.45.49 lakh. (w.e.f. 01 April, 2021 to 31 March, 2022).

Details of patents filled/ Awarded

Method for solar photo decolourisation of bacterial degraded distillery wastewater for its reuses in agriculture
Inventor: Chandra, Ram; Yadav, Sangeeta; Tripathi, Sonam
Application Number: 2021103846
Status: Filed

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.

Students achievements

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

S.No.	Students	Guide	Fellowship availed	Status
1.	Kshitij Singh	Prof. Ram Chandra	UGC-NonNET Fellowship	Pursuing
2.	Prerna	Prof. Ram Chandra	UGC-Non NET Fellowship	Pursuing
3.	Adarsh Kumar	Prof. Ram Chandra	UGC-Non NET Fellowship	Pursuing
4.	Ajay Kumar Singh	Prof. Ram Chandra	UGC-Non NET Fellowship	Pursuing
5.	Sonam Tripathi	Prof. Ram Chandra	UGC-Non NET Fellowship	Degree Awarded
6.	Swati Rastogi	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
7.	Sheel Ratna	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
8.	Shweta Ambust	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
9.	Shweta Bharti	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
10.	Apoorva Dixit	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
11.	Ajay Prakash	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
12.	Shweta Tiwari	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
13.	Pawan Bharagava	Prof. Rajesh Kumar	UGC-Non NET Fellowship	Pursuing
14.	Anuradha Devi	Dr. R.N. Bhargava	UGC-Non NET Fellowship	Pursuing
15.	Christiana Saran	Dr. R.N. Bhargava	UGC-Non NET Fellowship	Pursuing
16.	Roop Kishor	Dr. R.N. Bhargava	UGC-Non NET Fellowship	Pursuing
17.	Ankita Srivastava	Dr. Digvijay Verma	UGC-Non NET Fellowship	Pursuing
18.	Vinay Kumar	Dr. Digvijay Verma	UGC-Non NET Fellowship	Pursuing
19.	Akanksha Vishwakarma	Dr. Digvijay Verma	UGC-Non NET Fellowship	Pursuing
20.	Ruchi Sankhwar	Dr. Ravi Kumar Gupta	UGC-Non NET Fellowship	Pursuing
21.	Abhishek Kumar	Dr. Ravi Kumar Gupta	UGC-Non NET Fellowship	Pursuing
22.	Deshraj Deepak Kapoor	Dr. Ravi Kumar Gupta	UGC-Non NET Fellowship	Pursuing
• Total students of M.Sc. IVth semester during 2021-22 were 43, distributed among the faculty members for dissertation work				

ii. Number of student completed their Masters/Graduation/Diploma

a) M.Sc. in Environmental Microbiology **(22)**
b) M.Sc. in Industrial Microbiology **(13)**
c) M.Sc. in Food Microbiology and Toxicology **(10)**

iii. Number of student awarded SLET/NET/JRF/any other fellowship- 02

17.Google profile of the faculty members:-

i. **Prof. Ram Chandra**

	All	Since 2017
Citations	6147	4122
h-index	47	38
i10-index	98	88

ii. **Dr. Vinay Singh Baghel**

	All	Since 2016
Citations	349	174
h-index	9	7
i10-index	8	7

iii. **Dr. Jay Shankar Singh**

	All	Since 2016
Citations	5353	4116
h-index	36	31
i10-index	70	63

iv. **Dr. Ram Naresh Bharagava**

	All	Since 2016
Citations	6022	5414
h-index	41	40
i10-index	88	87

v. **Dr. Digvijay Verma**

	All	Since 2016
Citations	739	543
h-index	10	9
i10-index	11	9

vi. **Dr. Ravi Kumar Gupta**

	All	Since 2016
Citations	605	423
h-index	13	13
i10-index	15	13

vii. **Dr. Pankaj Kumar Arora**

	All	Since 2016
Citations	2109	1588
h-index	23	19
i10-index	37	28

viii. **Dr. Harish Chandra**

	All	Since 2016
Citations	251	179
h-index	8	7
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 & Ph.D. programme in Environmental Science. The Department is working as interdisciplinary center to learn and disseminate the knowledge in various aspects of environment by offering M.Sc. and Ph.D. degrees to students. Presently, there are 41 P.G. students in Environmental Science, 37 Research Scholars and 01 PDF 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, Environmental Biotechnology and Microbiology, Microbial ecology and Natural Resource Management. The course curriculum is designed with the help of experts from Academia and Industries to train the manpower required to work in the field of Environmental Sciences. The

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

The Department intends to impart special training to students grooming them to handle the emerging environmental problems of various kinds faced by the industries and the society on both the technological as well as environmental fronts. There are five Professors, two Associate Professors 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 23 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. 50 lacs for improvement of infrastructural and research facilities in the department.

The Department also organizes regular seminars during weekends for the students where students speak on topic of their choice in order to harness their oration skills and to create general awareness among them on different aspects of Environmental issues. Department is also actively organizing special 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 Day, World Wetlands Day, Ozone Day, World Environment Day, Wildlife-week, World Water Day, International Conference on Environmental Technology and Sustainable Development: Challenges and Remedies and Workshop on Mainstreaming Climate Change Adaptation & Disaster Risk Reduction. Students regularly participate in various extra-curricular activities such as debate competition, essay writing, cultural and sports activities organized by the University. Involvement of students in field and dissertation works helps students to establish relationship with professional organizations that help them in their extension studies and placements. One semester of dissertation work provides critical real-world experience for our students preparing them for successful careers.

Course Offered:-

M. Sc : Environmental Science
Ph.D : Environmental Science

Facilities available in the Department

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

Details of Faculty

0 **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.

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

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

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

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

Mr. N.K.S. More
Associate Professor
Specialization: Cell & Developmental Biology, Toxicology
Qualification: M.Sc., M.Phil.

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

Dr. Jiwan Singh

Assistant Professor

Specialization: Solid waste management, water and waste water treatment, synthesis of nanomaterials and their applications, composting/ vermicomposting, phytoremediation

Qualification:M.Sc. M.Tech., Ph.D.

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

University Level National Environmental Youth Parliament-2022 (UNEYP-20220) on 18th January, 2021 on virtual mode.

ALUMNI MEET-2021 ‗Reminiscence the memories' Organized by Department of Environmental Science BBAU, Lucknow on 20th , March, 2021

Online Webinar ‗Geohazards: Risk Assessment and Mitigation Strategies' on 29th March, 2022.

Ground Water Week-2021-National Webinar ‗Understanding the Role of Groundwater in Urban Development' on 19th July, 2021.

Two day international conference on ‗RIVER HEALTH: ASSESSMENT TO RESTORATION (RHAR 2021) Talks of the Tributaries: Rives Varuna and Assi in the Middle Ganga Basin on 22-24th October, 2021.

Three Days Online Training Program on ―River Hazards at Different Topographic Region and Safeguards: 25-27th October, 2021.

National Science Day-2022 Lecture on ‗Reaching the Unreached: The innovation path of converging Sciences in to livelihood and entrepreneurial value chain' on 28th Feb, 2022.

Other Departmental level Visit/Academic Activities

World Wetlands Day on 2nd February, 2022 (Learning Visit to Hulas-Khera Wetlands, Mohan Lal Ganj

Parent Teacher Meeting M.Sc. Environmental Science students through online mode on 25th February, 2021.

World Wildlife Day, on 3rd March, 2022.

Alumni Meet-2022 on the topic ―Reminiscence the memories‖ 28th March, 2022.

With Hon'ble Prime Minister Shri Narendra Modi 1st Arpil, 2022 ‗Pariksha Pe Charcha 2022'

Co-curricular/Extra-curricular/sports Activities

Prof. Naveen Kumar Arora

Chairman, ‗Swachhta Pakhwada'

Activities done under Swachhta Pakhwada from 1st – 15th September, 2021

Pledge taking ceremony

Plantation drive- Neem, Peepal, Banyan, Arjun and Ashoka

Innovation technology waste recycling- Model competition

Online competitions for Poster making, Slogan writing on ‗Water conservation'

Online competitions for Poster making, Slogan writing on ‗Forest conservation'

Cleanliness drive- plogging event in hostel

‗Best out of waste' competition

Ban of single use plastic- reduce, reuse and recycle- Essay writing competition

Nodal Officer, Unnat Bharat Abhiyan Program of Ministry of Education.

Activities done under Unnat Bharat Abhiyan:

National Webinar on —Nutritional Health, Low Cost Diet and Nutrition during Covid-19 for Rural Women in Indiall 30thSeptember, 2021

Following activities were conducted during Celebration of 152nd Birth Anniversary of Mahatma Gandhi 02nd October, 2021:

Self-defense Program, Discussion on Women Empowerment Issues/Provision, Distribution of sanitary pad and awareness about menstrual hygiene, Making of nutritious tri-colorpapad, Information regarding how to make women villagers self-reliant and Health Camp

Nodal Officer, _Ek Bharat Shrestha Bharat'

Activities done under _Ek Bharat Shrestha Bharat':

- *0* Poster Competition on culture of partnering state (26/11/2021)
- *I* Quiz Competition (16/12/2021)
- *II* Singing Competition (21/01/2022)
- *III* Virtual Tour (28/02/2022)
- *IV* Presentation on Local Cuisine (07/03/2022)

0 Prof. Venkatesh Dutta

Climate Change and Hydrological Impact Assessment (CCHIA 2021)
Surface Water Hydrology Division, National Institute of Hydrology (NIH), Roorkee, India

Hydro-meteorological and Extreme Events Disaster Risk Management
Three-Week National Training Programme, June 1, 2020 to 21 June 2020 IIT Indore and NIDM, New Delhi

Members/fellowship of professional/Academic bodies/editorial board

***0* Prof. Naveen Kumar Arora**

- **0** Life Member of Association of Microbiologists (AMI) of India.
- **I** Life Member of Indian Science Congress Association, Kolkata, India.
- **II** Life Member of Asian PGPR Society
- **III** Life Member of Professor H.S. Srivastava Foundation for Science and Society
- **IV** Life Member of Clean and Green Society, Lucknow
- **V** President & Life Member, Society for Conservation of Wildlife
- **VI** Secretary & Life Member, Society for Environmental Sustainability
- **VII** Fellow of International Society for Environmental Botanists, (ISEB), CSIR, NBRI
- **VIII** Life member of the Babasaheb Bhimrao Ambedkar University Alumni Association

***I* Prof. Shikha**

- **0** Life member of the Society of Biological Chemists, (India) [SBC (I)], Life membership No. 3827-2016
- **I** Life member of the Association of Microbiologists of India (AMI), Life membership No. 4618-2017

Details of Books written/edited by faculty members:-

Prof. Naveen Kumar Arora

Mojgani, Naheed, Dadar, Maryam (Series Ed. N K Arora) 2021. Probiotic Bacteria and Postbiotic Metabolites: Role in Animal and Human Health. Springer. Series:

Microorganisms for Sustainability, ISBN 978-981-16-0223-8

Mulla, Sikandar I., Bharagava, R. N. (Series Ed. N K Arora) 2021. Enzymes for Pollutant Degradation. Springer. Series: Microorganisms for Sustainability, Vol. 30 ISBN 978-981-16-4574-7

Arora, Pankaj Kumar (Series Ed. N K Arora) 2021. Microbial Products for Health, Environment and Agriculture. Springer. Series: Microorganisms for Sustainability, Vol. 31 ISBN 978-981-16-1946-5

Egamberdieva, D., Birkeland, N.-K., Li, W.-J., Panosyan, H. (Series Ed. N K Arora) 2021. Microbial Communities and their Interactions in the Extreme Environment. Springer. Series: Microorganisms for Sustainability, Vol. 32 ISBN 978-981-16-3730-8

Bouizgarne, Brahim&Arora NK. 2022. Microbial BioTechnology for Sustainable Agriculture Volume 1. Springer. Series: Microorganisms for Sustainability, Vol. 33 ISBN 978-981-16-4842-7

Prof. Venkatesh Dutta

Dutta, V. (2021) Water Conflicts and Resistance - Issues and Challenges in South Asia, Ed. Routledge, UK

Dr. Narendra Kumar

Narendra Kumar and Vertika Shukla (Editors) (2021) Persistent organic pollutant in the environment: Origin and role Eds: Narendra Kumar and Vertika Shukla; CRC Press, Taylor & Francis Group ISBN No: 978-036-75-1288-0

Details of Book Chapter in edited volume

Prof. S.K. Dwivedi

Singh Garima, Kumar Vinay, Dwivedi, S.K and Chaudhari A.K. (2021).Plant- Microbes Interaction: An Unlocking Potential for Sustainable Plant Growth and Phytoremediation. In : Microbes and Agro-Ecosystem (eds Tripti Agarwal) Agrobios Publisher, Jodhpur. p 31-49

Prof. Naveen Kumar Arora

Mishra P. &Arora NK. 2022. Human Impacts on Natural Habitats Leading to Covid-19 Pandemic. In book: Delineating Health and Health System: Mechanistic Insights into Covid 19 Complications. DOI: 10.1007/978-981-16-5105-2_4. pp.97-110

Singh, H., Goria, K., Raina, S., Azam, R., & Kothari, R., Arora, NK.&Tyagi, V. 2022. Biodiesel from oleaginous fungi, bacteria, and yeast produced using waste substrates. In book: Waste and Biodiesel10.1016/B978-0-12-823958-2.00004-5. pp.73-91

Egamberdieva D., Alimov J., Alaylar B., Karadayi M. &Arora NK., 2021. Extremophiles in Saline Environment: Potential for Sustainable Agriculture. In book Microbial Communities and their Interactions *in the Extreme Environment*. DOI: 10.1007/978-981-16-3731-5_1; pp.1-16.

Prof. Shikha

Shikha, Shailja Singh and Shiv Shankar (2021) Microbial metagenomics: potential and challenges, Chapter 8, In: Advances in Animal Genomics, (Editors- Ram Lakhan Singh and Sukanta Mondal), pp 109-122, Academic Press, Elsevier (ISBN: 978-0-12-820595-2).

Asha Pandey, Anuradha Mishra, Shiv Shankar and Shikha (2021) Environmental issues and their ethical solutions In: Environmental Communication —Lab to Land (Editors-Dr Manoj Mishra & Dr Sudhir K. Upadhyay), pp 197-220, Shree Publishers and Distributors, New Delhi-110 002,(ISBN: 978 -81-948189-5-3).

Saumya Khare and Shikha (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)

Dr. Narendra Kumar

Mahiya Kulsoom, Vertika Shukla, Narendra Kumar (2021) Environmental Dynamics of Persistent Organic Pollutants. In Kumar and Shukla (eds) Persistent organic pollutant in the environment: Origin and role CRC Press, Taylor & Francis Group. 1-30.

Ritu Singh, Sanjeev Kumar, Sushmitakamarkar, Arif J Siddiqui, Ankit Mathur, Mohd Adnan, Vishnu D Rajput, Anita Rani and Narendra Kumar (2021) Causes, Consequence and Control of Persistent Organic Pollutants. In Kumar and Shukla (eds) Persistent organic pollutant in the environment: Origin and role CRC Press, Taylor & Francis Group. 31-54.

Mahiya Kulsoom, Vertika Shukla, Narendra Kumar (2021) International Legislation for Containment of Persistent Organic Pollutants and Hazardous Chemicals. In Kumar and Shukla (eds) Persistent organic pollutant in the environment: Origin and role CRC Press, Taylor & Francis Group. 319-338.

Dr. Jiwan Singh

Shalu Rawat, Jiwan Singh, 2022. Green biocomposite materials for Sustainable remediation application in Karri, R.R, Koduru, J.R., Mubarak, N.M., Bandala, E.R. (Eds.) Sustainable Nanotechnology for Environmental Remediation. Elsevier, Radarweg 29, PO Box 211, 1000 AE Amsterdam, Netherlands, ISBN: 978-0-12-824547-7

Kanaujia, N., Singh, J., 2022. Composition, characteristics and challenges of OFMSW for biogas production: Influence of mechanism and operating parameters to improve digestion process, in Hussain C. M. and Hait S. (Eds) Advanced Organic Waste Management Sustainable Practices and Approaches. Elsevier, Radarweg 29, PO Box 211, 1000 AE Amsterdam, Netherlands, ISBN: 978-0-323-85792-5.

Paper Published during the year by the faculty: -

Prof. Rana Pratap Singh

Kripal Singh, Rana Pratap Singh and Shri Krishna Tewari (2021). Ecosystem restoration: challenges and opportunities for India. Restoration Ecology, doi: 10.1111/rec.13341.

Maddhesiya, Pawan Kumar, Gupta, Sonam, Kumar, Pawan and Singh, Rana Pratap (2021). Development of effective bio-inoculants for organic cultivation of Cymbopogon martini (Palmarosa). Medicinal Plants, 13(2); 345-349, DOI: https://doi.org/10.5958/0975-6892.2021.00040.X

Mishra, Roli, Dubey, Priya and Singh, Rana Pratap (2021). Assessing the efficacy of climate resilient microbial inoculants for enhanced phytochemical production from Indian licorice (Abrus precatorius L.). **Medicinal Plants, 13(2);** 330-338, https://doi.org/10.5958/0975-6892.2021.00038.1.

Prof. S.K. Dwivedi

Kumar V and Dwivedi SK (2021) Bioremediation Mechanism and potential of copper by actively growing fungus Trichoderma lixii CR700 isolated from electroplating wastewater, Journal of Environmental Management, https://doi.org/10.1016/j.jenvman.2020.111370. (IF 5.647)

Kumar, V. and Dwivedi, S. K. (2021). Mycoremediation of heavy metals: Processes, mechanisms, and affecting factors. Environmental Science and Pollution Research, 1-38. (IF 3.056)

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 https://doi.org/10.1007/s10876-021-02096-3. (IF 1.731)

Gupta*a, N., Guptab, V., Dwivedia, S. K., & Upretib, D. K.(2021). Phytochemical

Screening By Ftir Spectroscopic Analysis Of Lichen Rinodina Sophodes Commonly Growing Around Panki And Feroze Gandhi Unchahar Thermal Power Plants Of Uttar Pradesh, India. 9 (2): 052-061

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, 200, 111754. (IF 6.498)

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)

Kumar, V., & Dwivedi, S. K. (2021). Toxicity potential of electroplating wastewater and its bioremediation approaches: a review. Environmental Technology Reviews, 10(1), 238-254. (IF 4.056)

Singh, G., & Dwivedi, S. K. (2022). Biosorptive and Biodegradative Mechanistic Approach for the Decolorization of Congo Red Dye by Aspergillus Species. Bulletin of environmental contamination and toxicology, 108(3), 457-467.(IF 2.151)

Kumar, V., Dwivedi, S. K., & Oh, S. (2022). A critical review on lead removal from industrial wastewater: Recent advances and future outlook. Journal of Water Process Engineering, 45, 102518. (IF 5.485)

Prof. Naveen Kumar Arora

Arora, N K. & Fatima, T. 2022. Role of plant growth promoting microbes in managing sustainability of stressed agroecosystems. Environmental Sustainability 5, 1–3. DOI: 10.1007/s42398-022-00222-z

Majhi, P., Kothari, R., Arora, NK, Pandey, V. &Tyagi, V. 2022. Impact of pH on Pollutional Parameters of Textile Industry Wastewater with Use of Chlorella pyrenoidosa at Lab- Scale: A Green Approach. Bulletin of Environmental Contamination and Toxicology. Bulletin of Environmental Contamination and Toxicology 108. 1-6. DOI: 10.1007/s00128-021-03208-5.

Majhi P., Azam R., Kothari R., Arora N K.&Tyagi V. 2022. Impact of Flow Rate in Integration with Solar Radiation on Color and COD Removal in Dye Contaminated Textile Industry Wastewater: Optimization Study. Energy Engineering: Journal of the Association of Energy Engineers. DOI: 427. 10.32604/EE.2022.016973.

Arora NK& Mishra, I. 2021. COP26: more challenges than achievements- Environmental Sustainability. DOI: 10.1007/s42398-021-00212-7

Baliyan, N., Dhiman, S., Dheeman, S., Arora, N.K. et al. 2021. Optimization of Gibberellic Acid Production in Endophytic Bacillus cereus Using Response Surface Methodology and Its Use as Plant Growth Regulator in Chickpea. Journal Plant Growth Regulation. DOI: 10.1007/s00344-021-10492-2

Arora, N.K., Pandey, P., Egamberdieva, D. et al. 2021. COVID-19 pandemic: aggressive research, vaccination, testing, and environmental sustainability are the way forward. Environmental Sustainability. DOI: 10.1007/s42398-021-00206-5

Mishra, P., Mishra, J. &Arora NK. 2021. Plant growth promoting bacteria for combating salinity stress in plants – Recent developments and prospects: A review. Microbiological Research. DOI: 10.1016/j.micres.2021.126861

Egamberdieva, D., Jabbarov, Z., Arora NK.et al. 2021. Biochar mitigates effects of pesticides on soil biological activities. Environmental Sustainability. DOI: 10.1007/s42398-021-00190-w

Kothari, R., Arora NK et al. 2021. Valorization of bio-waste material: future dimensions for path towards sustainability. Environmental Sustainability. DOI: 10.1007/s42398-021-00191-9

PK Majhi, R Kothari, Arora NK, VC Pandey, VV Tyagi 2021. Impact of pH on Pollutional Parameters of Textile Industry Wastewater with Use of Chlorella pyrenoidosa at Lab- Scale: A Green Approach. Bulletin of Environmental Contamination and Toxicology. DOI:

10.1007/s00128-021-03208-5.

Arora NK, D Egamberdieva, S Mehnaz, WJ Li, I Mishra 2021. Salt Tolerant Rhizobacteria: For Better Productivity and Remediation of Saline Soils. Frontiers in Microbiology, DOI: 10.3389/fmicb.2021.660075. (IF- 4.235)

Khare E &Arora NK. 2021. Biosurfactant based formulation of Pseudomonas guariconensis LE3 with multifarious plant growth promoting traits controls charcoal rot disease in helianthus annus. World Journal of Microbiology and Biotechnology, DOI: 10.1007/s11274-021-03015-4. (IF- 2.477)

Prof. Shikha

Shailja Singh, Shiv Shankar and Shikha (2021) LDPE Degradation under controlled composting, Nature Environment and Pollution Technology, 20 (3) 1295-1300. (e-ISSN: 2395-3454).

Shailja Singh, Vishal Singh Chowdhary, Devendra Pratap 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.

Prof. Venkatesh Dutta

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

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)

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)

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

Dr. Narendra Kumar

Anis, Abdullah Khan, Narendra Kumar, M. MasroorAlam, Mujeebul Hasan and Parwez Akhtar (2021). Detrital modes, mineralogy and major elements geochemistry of the Early Triassic Pachmarhi Sandstones, Satpura Basin, Central India: Implications to provenance characteristics, tectonic setting, palaeoclimate and weathering signatures. Indian Journal of Geosciences, 75(2): 112-125.

Dhananjay Kumar, Raj Kamal Kishor, Urvashi Sharm, Sunita Mishra, Aneet Kumar Yadav, Narendra Kumar (2021) Geo-classification of Fluoride affected areas of Lucknow, Uttar Pradesh, India. Environmental Quality Management. 31(3): 283-90

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

Dr. Jiwan Singh

Sahu, N., Nayak, A. K., Verma L., Bhan, C., Singh, J., Chaudhary, P., Yadav, B. C. 2022. Adsorption of As(III) and As(V) from aqueous solution by magnetic biosorbents derived

from chemical carbonization of pea peel waste biomass: Isotherm, kinetic, thermodynamic and breakthrough curve modeling studies. **Journal of Environmental Management 312, 114948, IF=6.789. Elsevier**

Verma, L., Singh, J., 2022. Removal of As(III) and As(V) from aqueous solution using engineered biochar: Batch and fixed-bed column study. **International Journal of Environmental Science and Technology.** https://doi.org/10.1007/s13762-022-03920-7, SCI, Springer **IF=2.860**. Springer

Ankit, Saha, L., Kumar, V., Tiwari, J., Sweta ,Rawat, S., **Singh, J.,**Bauddh, K., 2021. Electronic waste and their leachates impact on human health and environment: Global ecological threat and management. ***Environmental Technology & Innovation 24, 102049*** **(IF=5.262)**

Verma, L, Azad, A., Singh, J., 2021. Performance of a novel iron infused biochar developed from Raphanussativus and Artocarpusheterophyllus refuse for trivalent and pentavalent Arsenic adsorption from an aqueous solution: Mechanism, isotherm and kinetics study. International Journal of Phytoremediation. IF= 3.212 (Taylor and Francis). (https://doi.org/10.1080/15226514.2021.1985078).

Rawat, S., Singh, J., 2021. Green synthesis of iron nanoparticles using Plumeria and Jatropha: Characterization and investigation of their adsorption, regeneration and catalytic degradation efficiencies. BioNanoScience 11:1142–1153Scopus Indexed

Rawat, S., Singh, J.,Koduru, J.R. 2021. Effect of ultrasonic waves on degradation of phenol and para-nitrophenol by iron nanoparticles synthesized from Jatropha leaf extract. Environmental Technology & Innovation 24, 101857 ((IF=5.262).

Sahu, N., Singh, J.,Koduru, J.R. 2021. Removal of arsenic from aqueous solution by novel Iron and Iron-Zirconium modified activated carbon derived from chemical carbonization of Tectonagrandis sawdust: Isotherm, Kinetic, thermodynamic and breakthrough curve modelling. Environmental Research 200 111431IF= 6.498

Attended/participated in conferences/seminar/workshop inside country

Prof. Rana Pratap Singh

Webinar of memory of Late Professor H.S. Srivatava on 9th March, 2022.

National Webinar to commemorate International Women‘s Day organized by Department of Human Rights, BBA University, Lucknow on 8th March, 2022

National Webinar on Gender Equality today for a Sustainable Tomorrow on 8th March, 2022 Department of Human Rights, BBA University, Lucknow on 8th March, 2022.

National Webinar on Gender Equality : A Stepping Stone to Sustainable Tomorrow jointly organized by GCC, CBFW, NCC, UBA, AKAM & Department of Library and Information Science, BBAU, Lucknow on 8th March, 2022.

One Day National Webinar On —Voter‘s Participation in Good Governance: Issues and Challenges‖ Organized by Department of Human Rights, School of Legal Studies Babasaheb Bhimrao Ambedkar University Lucknow on 25th January, 2022.

National Webinar on Faculty Excellence: Covid-19 Experiences on the occasion of Teachers Day on 5th September, 2021 organized by Azadi ka Amrit Mahotsav Committee and NCC Unit, BBAU, Lucknow.

National Webinar on —Understanding the Role of Groundwater in Urban Development‖ on 19th July, 2021 organized by Department of Environmental Science, BBAU, Lucknow.

International Webinar on —Ecosystem Restoration and Sustainability‖ on 5th June, 2021 organized by Department of Environmental Science, BBAU, Lucknow.

Prof. Naveen Kumar Arora

Organized International Webinar on —Ecosystem Restoration and Sustainability‖ on the occasion of World Environment Day at BBA University, Lucknow, 05th June, 2021

Co-organizing Secretary International Conference on Microbiology: Biology and

Biotechnology of Microorganisms ICMBB 2021 organized by Institute of Microbiology, AS of Uzbekistan in collaboration with Society for Environmental Sustainability and Springer Nature, 16th – 17th September, 2021.

One-day skill development workshop entitled "Production and Application of biopesticides"under STI-HUB Project funded by DST-SEED, 29thOctober 2021

Training program for farmers of adopted villages under STI-HUB Project funded by DST-SEED, 10th – 12th December, 2021

Organizing Secretary & Convener, Training Program for Farmers on "किसानों की आय वृद्धि एवं उद्यमिता विकास के लिये प्रशिक्षण" under STI-HUB Project funded by DST-**SEED, 08th – 11th March, 2022**

Dr. Narendra Kumar

Convenor, in Online Training cum Conference ―Disaster Risk Reduction & Resilience: policy and Management‖ held on 7-9 March, 2022 jointly organized by Department of Geology, BBAU Lucknow & NIDM, Ministry of Home Affairs, Govt. of India, New Delhi at Babasaheb Bhimrao Ambedkar University, Lucknow.

Details of invited lectures inside country

Prof. Rana Pratap Singh

Webinar of memory of Late Professor H.S. Srivatava on 9th March, 2022.

National Webinar to commemorate International Women's Day organized by Department of Human Rights, BBA University, Lucknow on 8th March, 2022

National Webinar on Gender Equality today for a Sustainable Tomorrow on 8th March, 2022 Department of Human Rights, BBA University, Lucknow on 8th March, 2022.

National Webinar on Gender Equality : A Stepping Stone to Sustainable Tomorrow jointly organized by GCC, CBFW, NCC, UBA, AKAM & Department of Library and Information Science, BBAU, Lucknow on 8th March, 2022.

One Day National Webinar On ―Voter's Participation in Good Governance: Issues and Challenges‖ Organized by Department of Human Rights, School of Legal Studies Babasaheb Bhimrao Ambedkar University Lucknow on 25th January, 2022.

National Webinar on Faculty Excellence: Covid-19 Experiences on the occasion of Teachers Day on 5th September, 2021 organized by Azadi ka Amrit Mahotsav Committee and NCC Unit, BBAU, Lucknow.

National Webinar on ―Understanding the Role of Groundwater in Urban Development‖ on 19th July, 2021 organized by Department of Environmental Science, BBAU, Lucknow.

International Webinar on ―Ecosystem Restoration and Sustainability‖ on 5th June, 2021 organized by Department of Environmental Science, BBAU, Lucknow.

Prof. Naveen Kumar Arora

TV-interview on ―COVID-19 Special‖ at the Science Department of Deutsche Welle, Germany's International Broadcaster, August 30, 2021

Invited talk during National Conference on Microbiome: The Story Untold!organized by Department of Biotechnology, Microbiology, Biochemistry, Botany, Human Science and Interdisciplinary Science at VPM's B.N. Bandodkar College of Science (Autonomous) Thane, January7, 2022

Invited talk during Online Faculty Development Programme on topic "Rhizospheric Engineering : Revisiting the Microbe-Plant Synergy to Mitigate Plant Nano Toxicology‖ organized by Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, January 25, 2022

Prof. Venkatesh Dutta

—Afforestation in Namami Gange – 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 & Namami Gange, March 6, 2021

Dr. Jiwan Singh

Delivered Lecture on —Basic Laboratory Techniques‖ on 10th January, 2022 in Laboratory training programe for Laboratory attendants organized by BBAU, from 10th January to 14th January, 2022 in the Department of Environmental Science, BBAU, Lucknow.

Delivered lecture on —Impact of Urban solid waste on Environment and its Management‖ in the National E-Seminar on —Healthy Environment-Healthy Society" conducted by National Service Scheme, Bareily College, Bareilly on June, 05, 2021.

Details of National Awards/fellowship

Prof. Naveen Kumar Arora

0 Award for —Excellence in PGPR Research‖ at the 6th Asian PGPR National Conference held at Barkatullah University, Bhopal by The Asian PGPR Society (2021)

I Outstanding Research Achievement Award – 2022 for ranked among the World's top 2% Scientists in a study at Stanford University of USA and PLoS Biology Journal in the discipline of Environmental Sciences by Babasaheb Bhimrao Ambedkar University, Lucknow.

II Scientific Recognition Award, Honourary Member by Flora Fauna Science Foundation at Flora Fauna Innovation Summit- 2022

Details of Research Projects:-

0 Prof. Naveen Kumar Arora is running a major project titled **"Science Technology and Innovation Hub in North India (Uttar Pradesh, Uttarakhand and Himachal Pradesh)"** funded by DST-SEED, New Delhi with grant of Rs. 4.088 Crore (2020-23)

I Prof. Naveen Kumar Arora is running a major project titled —**Novel biochar and rhizobacteria based bioinoculant for sustainable production of healthy food from stressed agro-ecosystems"** funded by IBCD-DST New Delhi with grant of Rs. 13.48 lakhs (2021-24)

II Prof. Naveen Kumar Arora is running a major project titled **"Development of a resilient microbial product to enhance rice yield in saline soils"** funded by DBT-BIRAC with grant of Rs. 26.24 Lakhs (March, 2022 to September, 2023_

III Dr. Narendra Kumar is running a major project titled **"Development of 3-E defluoridation assembly for sustainable removal of fluoride from drinking water"** SERB, DST, New Delhi with grant of Rs. 33.6 lakhs (2020-23)

IV Dr. Narendra Kumar is running a major project titled **"Environmental Dynamism of Microplastics in Rive Gomti (Draining Ganga Alluvial Plane): An integrated approach to identify source, fate, effects and control strategies"** SERB, DST, New Delhi with grant of Rs. 34 lakhs (2022-25)

Students achievements

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

Sr. no.	Name of Supervisors	Currently Enrolled	Submitted	Awarded
1.	Prof. Rana Pratap Singh	08	02	-
2.	Prof.S.K.Dwivedi	05	01	01
3.	Prof. Naveen Kumar Arora	05	02	02

4.	Prof. Shikha	02	-	01
5.	Prof. Venkatesh Dutta	03	01	-
6.	Dr. Narendra Kumar	04	-	-
7.	Dr. Jiwan Singh	04	-	-

Number of student completed their Masters/Graduation/Diploma

Sr.no.	Name of Supervisor (s)	Completed PG (M.Sc. Environmental Science)
1	Prof. Rana Pratap Singh	02
2	Prof. S. K. Dwivedi	-
3	Prof. Naveen Kumar Arora	03
4	Prof. Shikha	02
5	Prof. Venkatesh Dutta	-
6	Mr. N.K.S. More	02
7	Dr. Narendra Kumar	02
8.	Dr. Jiwan Singh	02

16. Number of student pursuing higher studies-06

17. Number of student awarded SLET/NET/JRF/any other fellowship

Aneet Kumar	01	NET
Anita, Shubham Abhishek	02	JRF

18. Google profile of the faculty members:-

Prof. Rana Pratap Singh

Citations	5871	2855
h-index	42	29
i10-index	91	57

Prof. S.K. Dwivedi

Citations	951	552
h-index	17	13
i10-index	38	21

Prof. Naveen Kumar Arora

Citations	4862	4097
h-index	39	37
i10-index	87	79

Prof. Shikha

Citations	958	699
h-index	15	12
i10-index	17	16

Prof. Venkatesh Dutta		
Citations	675	555
h-index	13	13
i10-index	20	17
Dr. Narendra Kumar		
Citations	254	252
h-index	8	8
i10-index	8	8
Dr. Jiwan Singh		
Citations	2572	2079
h-index	27	25
i10-index	49	45

SCHOOL OF EDUCATION

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

DEPARTMENT 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 centers are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of Education. Again the primary reference point for designing and delivering the programmes are at par with the needs and demands of the Industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula (CPDTETEC) has already started M.A Education Programme under Innovative Course.

Department of Education 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.

Courses offered

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

Facilities available in the Department

- ***0*** Computer Lab
- ***I*** Departmental laboratory

Details of the Faculty

- ***0*** Prof. Hari Shankar Singh, Professor, Head and Dean
- ***I*** Dr. Raj Sharan Shahi, Associate Professor
- ***II*** Dr. B.S. Gupta, Associate Professor
- ***III*** Dr. Victoria Susan Ijjina, Assistant Professor
- ***IV*** Dr. Sangeeta Chauhan, Assistant Professor
- ***V*** Dr. Rajesh Ekka, Assistant Professor
- ***VI*** Dr. Lalima, Assistant Professor
- ***VII*** Dr. Subhash Misra, Assistant Professor
- ***VIII*** Dr. Vivek Nath Tripathi, Assistant Professor
- ***IX*** Dr. Shikha Tiwari, Assistant Professor

Details of Book Chapter in edited volume:-

Gupta, B.S. (2022) Effects of Emerging Technologies on Human Values in the book —Emerging Trends and Research in Educational Technology, Delhi: ABS Books (International). Pgs. 87-103, ISBN- 9789391002992.

Suman, Neelam and Chauhan, Sangeeta published a paper in Edited Book —Applied Research in Humanities and Social Sciencell on the title —Effectiveness of Constructivist Approach in Online Learningll December,2021, Pp-111-115, ISBN: 978-93-91248-50-5, MKSES Publisher (India).

Construction of standardization of tool, tools of Data collection in Educational Research, Dr. Rajendra Prasad, 978-93-02253-08-3.

Misra, Subhash(2021). Constructivist Philosophy and Pedagogy: A Paradigm shift in in the Approach of Teaching-Learning, in the edited book entitledllInnovations in Teaching and Learningll- ISSN No. 978-93-8383-7-87-8) Vishwagayan Prakshan, Global Books Organisation, New Delhi. Pages- 178-188.

Blended Learning: Integrating face-to-face and online Learning Experiences.

Innovations in Teaching and Learning (2022). ISBN: 978-93-83837-87-8 Published by Global Books Organization, Delhi

Paper Published during the year by the faculty members

Gupta, B. S. (2021), A Study of Interest in Teaching of Secondary Teacher Trainees in COVID Pandemic, International Journal of Social Sciences Arts & Humanities: A Quarterly Peer Reviewed Journal, Pgs 145-147, ISSN: 2321-4147, Impact Factor: 3.625.

Gupta, B. S. (2021), A Study of Self-Esteem of Secondary Teacher Trainees in COVID Pandemic, International Journal of Applied Social Science, Volume 8 (10 - 12), October - December (2021) Pgs 270-273, ISSN: 23941405. Impact Factor: 5.734.

Suman, S & Susan V.I., (2021). Edmodo as a Learning Tool: Perceptions of Trainee Teachers of Babasaheb Bhimrao Ambedkar University. *Towards Excellence*. 13(4). Ahmedabad. UGC- Human Resource Development Centre, Gujarat University.

Suman, Neelam and Chauhan, Sangeeta(2021). —Construction and Standardization of Concept Attainment Testll International Journal of All Research Education and Scientific Methods (IJARESM), (IJARESM), ISSN-2455-6211 Volume 9, Issue 8, August-2021, Impact Factor: 7.429

Education status of children of Daily wage workers July- Sept, 2021, UGC-Care List, Research and Reflection on Education ISSN- 0974-648X

Lalima and Lalita. A study of secondary students towards Mathematics. Shodh Sanchar Bulletin.Vol 11 Issue 41. January-March 2021. pp 23-28.

Lalima and Shukla Jaya. Stem Education in India: issues and perspectives. Shodh Sarita. Volume 8 issue 29. January-March 2021. pp 43-48

Misra, Subhash & Jha, Arbind (2021). Reengineering of Higher Education in India through NEP 2020: A Reflection, Education India Journal: A Quarterly Refereed Journal of Dialogues on Education, ISSN 2278- 2435, Vol. 10, Issue-2, May-2021**(UGC-CARE listed Journal)** Pages-139-151

Tiwari, Shikha & Misra, Subhash(2022). Reflection of Western Literature in Indian School Curriculum, Education India Journal: A Quarterly Refereed Journal of Dialogues on Education, ISSN 2278- 2435, Vol. 10, Issue-4, November-2021**(UGC-CARE listed Journal)** Pages-306-311

Attended/ participated in conferences/seminar/workshop inside country

Paper presented entitled ‗Jain Darshan men Estri Shiksha ki Smalochana: Ek Addhyayan' in National Seminar on Science and Technology in Anciant India, held on 18-19th December 2021 organized by RP PG College, Prayagraj.

Paper presented entitled ‗Role of Education Developing Women Empowerment and dealing with Domestic Violence' in National Seminar on Dynamic of Domestic Violence : Recognizing Patterns and Voicing Help, held on 6th March 2022 organized by Vardhman College, Bijnaur, sponsored by Ministry of Ayush, Govt. of India Govt. of India.

Participated in Five Day workshop on ―NAAC‖ held during 23th to 27st August 2021 organized by HRDC-UGC, University of Allahabad, UP.

Participated in training programme on ―National Intellectual Property Awareness Mission‖ held on 12th March 2022 organized by Intellectual Property Office, Govt. of India.

Dr. Victoria Susan Ijjina

Attended and presented a paper titled ―Challenges of Implementation of NEP 2020 in Teacher Education: A Study‖ in UGC sponsored two day national seminar on National Education Policy NEP 2020: Perspectives and Challenges organized by Department of Education, ANU, AP.

Dr. Sangeeta Chauhan

Shashwat and Chauhan, Sangeeta attended, participated and presented a paper on Blended Teaching and Learning Environment, at International Conference on Leading the Change: Embracing New Trends and Innovations in Health Sciences, Education, Nursing and Technology‖ 01-02 October,2021, Globus Education and Research Associattion (GE&RA).

Dr. Subhash Misra

Issues and Challenges in Education of Tribal Gujjars Students in Rajouri District of Jammu And Kashmir Global Issues In Multidisciplinary Academic Research organized by Indian Academicians and Researchers Association in association with Rajabhat Maha Sarakham University, Thailand

International Conference Rajabhat Maha Sarakham University, Thailand 31.10.21 31 October 2021

Policy Perspectives and Programmes for the Educational Development of Gujjars of Jammu and Kashmir

0 International Conference on Multidisciplinary Research and Innovative Practices.

I International Conference J. S. University, Firozabad 27.11.21 26-27 November 2021

II Nayee Shiksha Neeti ke Aalok Me Bhartiy Shiksha ke Badlte Swarup par ek deishti, National Seminar on Rashteey Shiksha Niti 2020 ke darpan men Samtamulak Samaveshi Shikha Avam Adhyapak Shiksha National Seminar Vidya Bharti and Dr Shakuntala Mishra R University, Lucknow 21.02.2021 21 February 2021

III Socio cultural Perspective of Education among Gujjar Community of Jammu and Kashmir: A Study of District Rajouri National Seminar on Integration of Indigenous Knowledge in the School Curriculum: Prospectus and Challenges organized by NCERT -NERIE, Meghalaya National Seminar NCERT –NERIE Meghalaya 17 and 18 February 2022 18 February2022

IV Effect of Domestic Violence on Education National Seminar on Dynamics of Domestic Violence : Recognizing Patterns and Voicing Help. organized by Vardhaman College Bijnor National Seminar Vardhaman College Bijnor 06.03.2022 6 March 2022

V Quality parameters as per New NAAC Guidelines Quality Enhancement in Higher Education Institutions as per New NAAC Guidelines organized by Rani Bhagyawati Devi Mahila Mahavidyalay, Bareilly National Seminar Rani Bhagyawati Devi Mahila Mahavidyalay, Bareilly 11.03.22 and 12.03.22 12 March 2022 Implementation of National Education Policy(NEP) 2020: Innovative Approaches and Challenges

VI Panel Discussion NEHU, Shillong , Meghalaya 11.04.2022 11th April 2022

VII Qualitative Research Methodology World Research Summit-2022 World Research Summit IQAC, Parishkar College of Global Excellence 25.03.2022 25th march 2022

Attended/ participated in conferences/seminar/workshop outside country:-

Dr. Victoria Susan Ijjina delivered a lecture on ―Transforming the Regulatory System of Higher Education‖ in UGC sponsored two day national seminar on National Education Policy NEP 2020: Perspectives and Challenges organized by Department of Education, ANU, AP

Details of invited lectures inside country

Dr. B.S. Gupta delivered Lecture as resource person on ―SPSS in Statistics‖ held on 6th April, 2021organised by CMP College, University of Allahabad, UP.

Dr. B.S. Gupta delivered Lecture as resource person on ―SPSS in Statistics‖ held on 7th April, 2021organised by CMP College, University of Allahabad, UP.

Dr. B.S. Gupta delivered Lecture as resource person on ―SPSS in Statistics‖ held on 9th April, 2021organised by CMP College, University of Allahabad, UP.

Students achievements

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

Sl. No.	Students	Guide	Title	Fellowship availed/availing
1	Ankita Shukla	Prof. Harishankar Singh	A Study of Creativity and Self-confidence of D.El.Ed. Pupil-Teachers	UGC SRF
2	Neelam Suman	Dr. Sangeeta Chauhan	Effect of Constructivist Pedagogy on Concept Attainment and Anxiety in Mathematics among Seventh Class Students	UGC SRF

3	Dinesh Kumar	Dr. Sangeeta Chauhan	A Study of Mathematical Beliefs among Secondary School Teachers	UGC JRF
4	Aadhya Pratap Singh	Dr. Vivek Nath Tripathi	Junior Research Fellowship in Humanities and Social Sciences: An Exploratory evaluation	UGC JRF

II.Number of student completed their Masters/Graduation/Diploma-

M.A. (Education)- 10

B.Ed.- 106

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 an important centre of learning and disseminating knowledge in varied domains, preparing the students to take up professions such as Academician, Researchers, Counselors, Nutritionists, Interior Designers, Fashion Designers, Social Workers, Administrators, CAD professionals, Teachers, Extension Personnel etc.

Number of Departments: -

Department of Human Development and Family Studies
Department of Food and Nutrition

Number of faculty in the Department – 06
Citation Index of the school: 2333

HUMAN DEVELOPMENT AND FAMILY STUDIES

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

The Department 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 human development & family studies. The Department trains and strengthens the students to enhance their self sufficiency and over all development for their future success. The Departmental Alumni also are actively engaged in departmental activities and are also invited to deliver guest lectures and impart practical orientation of the students.

DEPARTMENT OF FOOD AND NUTRITION

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

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

techniques used in nutritional sciences like High Pressure, Sterilization, Eradication, 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.

Courses offered:

- ***0*** M.Sc. Human Development & Family Studies
- ***I*** M.Sc. Food Science & Technology
- ***II*** M.Sc. Food and Nutrition
- ***III*** Ph.D. Home Science
- ***IV*** Ph.D. Food & Nutrition

Facilities available in the Department:

- ***0*** M.Sc. Laboratory & Research Laboratory
- ***I*** Psychometric Lab
- ***II*** Model development lab
- ***III*** Food analysis Lab
- ***IV*** Microbiology Lab
- ***V*** Bakery and Confectionary Lab
- ***VI*** Smart classroom
- ***VII*** Computer Lab
- ***VIII*** Departmental Library
- ***IX*** Seminar hall - for enhancing the technical and oratory skills of the students

Details of the Faculty:

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

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

Dr. Neetu Singh, Associate Professor
Specialization: Foods & Nutrition
Qualifications: M.Sc., Ph.D.

Dr. Shalini Agarwal , Associate Professor
Specializations: Family Resource Management
Qualification: M.Sc., Ph.D.

Dr Khwairakpam Sharmila, Assistant Professor
Specialization: Human Development and Family Studies
Qualifications: M.Sc., Ph.D.

Dr. Priyanka Shankar, Assistant Professor
Specialization: Food and Nutrition
Qualifications: M.Sc., Ph.D.

Other Departmental level Academic Activities:-

Celebrate Vigilance Awareness Week from 26/10/2021 to 28/10/2021 on the theme of —Independent India @75: Self Reliance with Integrityǁ.

Organized Community Outreach program to create awareness in Gram Sabhas and Sensitize villagers on ill-effects of corruption under the Vigilance Awareness Week on 01/11/2021.

Organized National Science Day on —Integrated Approach in Science & Technology for a suitable future on 28th February 2022.

Co-curricular/Extra-curricular/Sports Activities by the Department
Extension Activities

Prof. Sunita Mishra

0 Prof. Sunita Mishra UGC- Human Resource Development Centre of Gujarat University Short term course on E-Content 28/5/2020 to03/06/2020.

I Prof Sunita Mishra PRIA International Academy Community- University Engagement: moving towards engaged teaching 18/05/2020 to 22/05/2020

II 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

III Completed 1 week online course on —Community university engagement: moving towards engaged teaching, research and service from PRIA international academy in May, 2020.

IV Successfully completed the online quiz on —National Awareness on Corona Pandemicǁ on 25th may2020 organized by College of Pharmaceutical sciences Dayananda Sagar University Bengaluru.

Dr. Neetu Singh

0 Completed one month the foundation course in YOGA conducted by Department of Yoga, Babasaheb Bhimrao Ambedkar University (a central university) Lucknow. 4thjuly to 4 august 2021.

I Resource person in training program **"**किसानों की आय वृद्धि एवं उद्यमिता विकास के लिये प्रशि **"** द्वारा आयोजित on 8th- 11th march 2022 conducted by department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow. क्षण

II Resource person in one day skill development training program for villagers organized by Babasaheb Bhimrao Ambedkar university, Lucknow on 2nd October, 2021

Visitors of Department from inside the country:-

0 Prof. Indira Bishnoi, Ex. Professor, Banaras Hindu University, Varanasi on 12-08-2021.

I Dr. Neelam Kumari Singh, Head Department of Home Science, IT College University of Lucknow on 04-12-2021.

II Prof. Suman bhanot, Former Dean, College of Home Science, ANDUAT Ayodhya

III Dr. Rachna Mishra, Associate Professor, IT College Lucknow

IV Dr. Neetu Mishra, Associate Professor, University of Allahabad, Pryagraj

V Dr. Seema Sonkar, Assistant Professor, CSAU&T Kanpur

VI Dr. Arti Sinha, Professor cum Chief Scientist, Dept of HD&FS and Director of Planning, Dr Rajendra Prasad Central Agriculture University, PUSA Samstipur, Bihar

VII Prof. Ranu Prasad, Dean Home science SHUATS, Pryagraj

VIII Prof. Pranati Das, Ex- Professor Dept of Food and Nutrition, Assam Agricultural University, Jorhat(Assam)

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

Prof. Sunita Mishra-

European Association of Agricultural Economics (EAAE) - Life Member
The Hague Netherland - Life Member
Global Communication Research Association, Sydney Australia - Life Member
Physician Association for responsible medicine, Washington DC, U.S.A. - Member
Virginia College of Osteopathic medicines Blacks Burg, Virginia, U.S.A. - Member
Home Science Association of India - Life Member
Nutrition Society of India - Life Member
Indian Dietetics Association - Life Member
Indian Journal of Preventive and Social Medicine - Life Member
Indian Journal of Community Psychology - Life Member
Social Science Congress - Life Member
Science Congress - Life Member
CEPRE , a project under IMS BHU – Member

Dr. Shalini Agarwal:-

Member, GIAN (Global Initiative of Academic Networks), Ministry Of Education, Government of India since 13 March 2022. (Application Number 2015160010257)
Member, AECED for 5 years- 2020-2026. (Membership Number AECED NAT-21-P-195-A-2126)
Life membership of Home Science Association of India
Life membership of Indian Society of Ergonomics
Life membership of Indian Ergonomic Association
Life membership of Indian Science Congress
Life membership of Asian Journal of Home Science
Life member of Social Science and Humanities Research Association
Life member of Healthcare & Biological Sciences Research Association
Life member of Scientific & Technical Research Association
Life member of Teaching & Education Research Association
Reviewer of OTJR: Occupation, Participation and Health Journal

Dr. Khwairakpam Sharmila:-

AECED for 5 years- 2020-2026 - Member
Home Science Association of India- Life membership
Social Science and Humanities Research Association- Life member
Healthcare & Biological Sciences Research Association- Life member
Scientific & Technical Research Association- Life member
Teaching & Education Research Association- Life member of

Dr. Priyanka Shankar

Indian Dietetics Association (Telangana Chapter)- Life member
2. Nutrition Society of India - Life member

8. Details of Books written/edited by faculty members:-

Prof. Sunita Mishra-

Prof. Sunita Mishra, Nutrition Health for Lifestyle Management (2021) in Selective and scientific books, ISBN No: 819514924-3.

Dr. Neetu Singh

Detect food adulteration with low cost methods: an approach for consumer food safety. Narendra publishing house (2022). ISBN 978-93-91063-22-1.

Dr. Shalini Agarwal

Sudha Pandey and **Shalini Agarwal**. Development and Use of Intervention Module for Children with Dyscalculia. 2021. Walnut Publication. New Delhi. ISBN: 978-93-5574-052-6.

Details of Book Chapter in edited volume:-

Prof. Sunita Mishra:

0 Jai Prakash and **Sunita Mishra** (2022) **"Role of beneficial soil microbes in alleviating climatic stresses in plants" in Microbiome Under Changing Climate, Elsevier Science Direct,** ISBN: 9780323906975.

I **Sunita Mishra** (2021) —Sources of contamination and effect of food processing on pesticide residues in foodǁ in Persistent organic pollutants in the environment, Routledge Taylor and Francis. ISBN: 978-0367-512-88-0.

II 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.

III Monika Patel and **Sunita Mishra** (2021), **"**Nanofoods as future food: the new age of nanotechnology and Nanofoodǁ in Challenges and opportunities in Nutrition, Environment and agriculture, Rathore Academic Research Publicationǁ ISBN No-978-81-9493-75-3-1.

IV Divyanshi Verma and **Sunita Mishra** (2021) —Incorporation of Jackfruit seed flour in fasting dietǁ in Challenges and opportunities in Nutrition, Environment and agriculture, Rathore Academic Research Publicationǁ ISBN No- 978-81-9493-75-3-1.

Prof. U.V. Kiran

Padmini Pandey& U. V. Kiran, (2022), Commercial Painting Hazardous and Respective Personal Protective Equipment's, Technology Enabled Ergonomics Design, Design science and Innovation, Conference proceeding HWWE-2020, Springer, 978-981-16-6981-1, 978-981-16-6982-8 (eBook) https://doi.org/10.1007/978-981-16-6982-8

Santoshi &U. V. Kiran(2022), Microbial Growth in Waste and Its Health Impact on Rag Pickers, Technology Enabled Ergonomics Design, Design science and Innovation, Conference proceeding HWWE-2020, Springer, 978-981-16-6981-1, 978-981-16-6982-8 (eBook) https://doi.org/10.1007/978-981-16-6982-8

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

Prof. Sunita Mishra

Participated in one-day webinar organized by School for Home Science, BBAU Lucknow on theme —Gender Equality Today for sustainable Tomorrowll on the occasion of International women‘s day on 8thMarch 2022.

Participated in National webinar on National Girls Child Day organized by NIPCCID and Ministry of women and child Development, GOI on 24th January 2022.

Participated in Mission Shakti organized by UP Police Family Welfare Association at

Prof. U.V.Kiran attended International Web Conference on —COVID-19 Second Wave: **Challenges for Sustainable Development (CCSD 2021)"**as a delegate and presented

a research paper entitled —Impact of Covid-19 Second Wave on Family Life duringthese daysǁ on the date13, 14 & 15 September, 2021 jointly organised by Asian Biological Research Foundation (ABRF), Prayagraj (U.P.), India SamratPrithvirajChauhan Government College, Ajmer (Rajasthan) Govt. KRG Post Graduate (Autonomous) College, Gwalior (M.P.) Government Degree College Doda (J. & K.) Digambarrao Bindu ACS College, Bhokar, Nanded (M.S.) Darsh College of Education, Gohana, Sonepat (Haryana) Glocal Environment & Social Association (GESA), New Delhi.

Dr. Neetu Singh

Participated in online webinar Series on —Technology available for commercialization…, levering and Idea... And Importance of IPR for Startupsǁ organized by agri. & Food Business Incubator, Anand Agricultural University, Anand, Gujarat on 25th – 27thFebruary 2021

Paper presented —Building a Balance between social media and mental healthǁ at the international conference —Social media and societyǁ on 6-7 august 2021 conducted by forum for learning and action with innovation and rigor.

Participated in the international conference on —science and technology for staying healthy and feeding ever-growing population worldwideǁ organized by SVP University of agriculture and technology, Meerut 12-13 September 2021

Participated in the national webinar on —Nutritional health, low cost diet & nutrition during covid-19 for rural women in Indiaǁ jointly organized by committee of basic facilities for women, gender champions committee, Azadi Ka Amrit Mahotsav committee and NCC Unit of Babasaheb Bhimrao Ambedkar university, Lucknow on 30th September, 2021.

Dr. Shalini Agarwal

Participated in three days National Seminar on Intellectual Property Rights organized by Faculty of Pharmacy in collaboration with Patent Cell, Desh Bhagat Singh University Punjab, held on 09.3.2022-11.03.2022.

Participated in Two Days National Seminar on Internal Quality Assessment Systems in the New Normal, organized by Sir Vithaldas Thackersey College of Home Science, held on 14th- 15th January, 2022.

Participated in One Day National Virtual Faculty Enrichment Programme on Needonomics for a Just and Sustainable Society, organized by Sambharam Academy of Management Studies, held on December 17, 2021.

Participated in National Webinar on Vision NEP-2020-Outlining Horizons for Equitable and Inclusive Education, organized by P.N. Doshi Women‘s College, Ghatkopar, Mumbai on 7th October, 2021.

Participated in National Webinar on Nutritional Health, Low Cost Diet and Nutrition During Covid -19 for Rural Women in India, organized by Basic Facilities for Women, NCC Unit, BBAU, Lucknow on 30th September, 2021.

Participated in Virtual National Conference on Role of IPR in Strengthening Innovative Research and Entrepreneurship Development, organized by IQAC and Research Cell, Mata Gujri Mahila Mahavidyalaya, Jabalpur and M.P. Council of Science and Technology, Bhopal, M.P. held on 24-25th September, 2021,

Participated in Integrating Scopus in Research Workflow at Babasaheb Bhimrao Ambedkar University/Elsevier, on Wednesday 19 May, 2021

Participated in the IDP-NAHEP sponsored National Webinar on "Principles of Design: The Crux of Family Well-being", organized by the Department of Resource Management & Consumer Science, College of Community and Applied Sciences,

Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan held on 15th May 2021

Dr. Khwairakpam Sharmila

Participated in Basic IPR course on ‗Introduction to IPRs and Patenting System in India' rganized by Microbiologists Society India (MSI). Parul University, Vadodara Gujarat and DPIIT-IPR Chair, Maharashtra National Law University, Mumbai on 27th January-29 January, 2022.

Participated a National Webinar as a part of celebration of Nutrition Week 1-7th September, 2021 on the theme ―Feeding Smart Right from Start‖ organized by the Home Science Association, Manipur on 4th September, 2021.

Participated a Webinar on Positive Experiences of Parent-Child relationship during COVID 19 Lokdown on 25th July, 2021, organized by Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities (CRC), Sikkim.

Participated a Two Day National Workshop on **Intellectual Property Rights** Organized by the Department of Biotechnology, Christ College, Rajkot on 22 and 23 July, 2021.

Details of invited lectures inside country:

Prof. Sunita Mishra

Prof. Sunita Mishra Delivered a Lecture in National Webinar on topic ―Nutritional Needs of Adolescent Girls‖ organized by NIPCCID and Ministry of women and child Development, GOI on the occasion of National Girls Child Day, 24th January 2022.

Prof. Sunita Mishra Delivered a Lecture in webinar on topic ―Women empowerment‖ orgainized by Azade ki Amrit Mahatsov Committee and NCC unit of BBAU University in collaboration with UBA AND GCC, in National Girls Child Day 24th January, 2022

Prof. Sunita Mishra Delivered a lecture on topic ―Food contamination by persistent pollutants and its effects in food processing, in refresher programs on ―Role of biotechnology in migration of pollution and restoration off environment‖ on 11th to 17th January 2022 organized by Department of Biotechnology, GIET University, Gunupur, Odisha.

Prof. Sunita Mishra Speaker on topic ―Career aspects in food science and technology‖organized by information and guidance Bureau, BBAU, Lucknow on 15th March 2022.

Prof. Sunita Mishra Participated in 2 days National Seminar and Delivered a lecture on topic ―Transforming India by Young Workforce: Challenges and Opportunities‖ organized by Keshav Prasad Mishra Rajkiya Mahila PG College, Badhoi from 29-30th March, 2022

Prof. Sunita Mishra Chief speaker in 1day webinar on topic ―Role of Food and Nutrition in Enhancement of positive health and Immunity‖ organized by Uttar Pradesh Rajshri Tandon Mukt University, Paryagraj, on 30th June 2021

Prof. Sunita Mishra Delivered a lecture on topic ―Health Benefits of Nutrition During Covis-19 Pandemic‖ in Poshan Maah Program organized by Dept. of Obstetrics and Gynaecology KGMU in collaboration with NCW on 24/09/2021.

Prof. Sunita Mishra Delivered a lecture on topic ― Malnutrition Among Childrens‖ in Poshan Maah Celebration organized by School of Home Science, BBAU, Lucknow on 08/09/2021.

Prof. U. V. Kiran

Prof. U. V.Kiran delivered an Invited lecture on the topic —Mental Health Promotion and support strategies for educators and studentsǁ in the in AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Strategies to Enhance Potential through Capacity Building among Teaching Fraternity" from 23/11/2021 to 27/11/2021 at Dayalbagh Educational Institute (Deemed University). organised by All India Council For Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi – 110

Prof. U. V. Kiran delivered an Invited lecture on —Hypothesis and Statistical toolsǁ in the 7 Day Online Workshop On Research Methodology in Community Science from 1 July to 7 July, 2021, organised by Department of Home Science Deen Dayal Upadhyay Gorakhpur University Gorakhpur

Prof. U. V. Kiran delivered an Invited lecture on —Mental Wellbeing during Covid- Ponder and Act ǁin a workshop on —Science awareness creation among students, teachers and general public to fight against covid -19 and other related viruses through traditional and folk media and outreach programmeǁ in Lucknow district from the date 18-25 October, 2021 organised by National Council of Technology, Government of India and ISCOS.

Prof. U. V. Kiran delivered an Invited lecture on —women to be future entrepreneurǁ under the —Mission Shakti Programmeǁ Uttar Pradesh organised by Gov. P.G College, Bisalpur (Pilibhit) on the date 25-09-2021

Prof. U. V .Kiran delivered an Invited lecture in National Webinar on —Mental Health Promotion and Support Strategiesǁ organised by School Of Management Studies and Commerce Department of Business Administration on the date 04.03.2022.

Details of invited lectures outside the country:

Prof. Sunita Mishra

- Prof. Sunita Mishra Delivered a lecture on topic —Novel Food Processing and Packaging Servicesǁ in International conference on Food Microbiology on 29th April, 2021, Singapore.
- Prof. Sunita Mishra Delivered a lecture on topic —Fermented Food of Indiaǁ at the webinar on Food Microbiology held on March 31, 2021 in Singapore

Details of National Awards/fellowship:

- Prof. Sunita Mishra awarded Vaama Sarthi, UP Police Family Welfare Association, Women emanation, Dt. 17/12/2021 By Mission Shakti, Barabanki Police.
- Prof Sunita Mishra awarded Mission Shakti Celebration by UP Police Family Welfare Association on Dt. 8/12/2021 in Unnao Police welfare association.

Details of international Awards/fellowship:-

Prof. Sunita Mishra-

Prof. Sunita Mishra received Certificate of Recognition International Conference to BBAU, on topic —Traditional Fermented Foods in Indiaǁ awarded by Singapore, 28th Maxwell road dated 31/03/2021.

Prof. Sunita Mishra International award for conference topic —Novel Food Processing and Packaging Servicesǁ to International Conference on Food Microbiology dated 30/04/2021 April in London.

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

-Transparency and participatory approach is adopted in the Department for timely completion of the tasks

Team work is encouraged among faculty members

Students are involved and participation is encouraged in all the activities of the Department

Advisory system is followed and hence the students issues are tackled at initial level

Departmental Alumni are involved actively in the activities of the Department

Compliance to the time frame in completion of all the activities is ensured without any compromise to the quality

Students are actively engaged in community service activities being organized by the Department and other baners like- UBA, EBSB and swacchata pakhwada etc/

Students achievements:-

(i) Accomplishments of Students

Number of students completed their Master/ Graduation/ Diploma	**M.Sc. (HD&FS)**	10
	M.Sc. (FST)	27
Number of students selected in Civil Services	**UPPSC**	----
	UPSC	----
Number of students pursuing higher studies	**Ph.D.**	01
Number of students selected on other government jobs/banking/School teaching etc	**Govt. Job**	01
	Teaching	01
	Job	03
Number of students placed through campus interview	**---**	-----
Number of students awarded SLET/NET/JRF/any other fellowship	**NET**	02
	JRF	01

Ph.D. Degree awarded

Sl. No.	Students	Supervisor	Title	Fellowship availed / availing
1.	Swati Rai	Prof. Sunita Mishra	An Epidemiological study on Iron Deficiency Anemia and its Impact on the Health Status of the Reproductive Age Women	UGC -SRF
2.	Neeraj Kumar Tyagi	Prof. Sunita Mishra	Efficacy and Development of premix as a Nutrigenomics super food for life style related diseases	UGC-NON-NET
3.	Mrs. Priyanka Tripathi	Dr. Neetu Singh	Effect of some health educational methods in enhancing the knowledge about reproductive health of early married women	UGC -SRF

Ph.D. Students Pursuing

1.	Ruchi Verma	Prof. Sunita Mishra	Food Safety and Security aspects of Streets foods: An Interventional Study	UGC-NON-NET
2.	Ms. Monika Patel	Prof. Sunita Mishra	A Study on Shelf Life of Food through Smart Packaging using Nanotechnology	UGC-NFOBC
3.	Mrs. Deep Shikha	Prof. Sunita Mishra	Nutritional Assessment of Patients undergoing Haemodialysis at Dialysis centre in Central Urban Lucknow	UGC-NON-NET
4.	M A Firdaus	Prof. Sunita Mishra	Nutritional Aspects of trans Fatty acid and its dietary consumption related to coronary heart disease	UGC - JRF
5.	Rajani Singh	Prof. Sunita Mishra	Application of Food nanotechnology : Nutritional enrichment for sustainable farming	UGC-NON-NET
6.	Ms. Santoshi	Prof. U.V. Kiran	Health Hazards Among Rag-pickers: An Interventional Study	DAIC Doctoral Fellowship
7.	Ms. Padmini Pandey	Prof. U.V. Kiran	Health Risk Analysis Among Painters- An Experimental Study	UGC-NON-NET
08.	Ms. Neha Rawat	Prof. U.V. Kiran	Explicit Phonological Awareness Training: An Interventional Study On Native Hindi Speaking Children Aged 3-6 Years	UGC-NON-NET
09.	Ms. Shikha	Prof. U.V. Kiran	Cognitive Dysfunction And Life Orientation Among Chronic Kidney Disease Patients: An Interventional Study	UGC- JRF
10.	Ms. Nidhi	Dr. Neetu Singh	An interventional study on nutrient composition of breast milk through nutritional supplementation	UGC-NON-NET
11.	Ms. Anukriti	Dr. Neetu Singh	Optimization and shelf life study of vegetables by different solar drying method	UGC-NON-NET
12.	Ms. Madhu	Dr. Neetu Singh	Functional probiotic yogurt fortification with vitamin c rich fruits	UGC-NET
13.	Ms. Poonam Verma	Dr. Shalini Agarwal	Mental Wellbeing and Occupational Health Safety (OHS) Vulnerability Among Migrant Workers of Lucknow city.	UGC- JRF
14.	Ms. Shivani Singh	Dr. Shalini Agarwal	Life Skill Enhancement of Adolescent Residing in Shelter Homes	UGC - NON NET
15.	Gayatri Prajapati	Dr. K. Sharmila	Emotional and Mental Wellbeing of Elderly dependent on Assistive Devices	UGC JRF
16.	Poornima Rastogi	Dr. K. Sharmila	Socio-Cultural determinant and Mental Health: A Comparative Study of Urban and Rural Elderly	UGC NON-NET

(iv) Any other special achievements recorded by the students:

i. Ms. Shivani Singh participated and awarded III position in SLOGAN WRITING COMPETITION , on theme — ONE THOUSAND DAY POSHANǁ organized by Department of Gynecology, KGMU, Lucknow , held on 24th September , 2021

Students also participated in Swachh Bharat, Gender Sensitization, Unnat Bharat Abhiyan, Activities under women cell of the University.

Details of the Publications of the students (Books/Article/Book"s chapter)

The M.Sc. and Ph.D. students of the Department do publish the research articles in reputed journals at National and International Level. (2021-22).

S. No.	Name of Student/Scholar	Books	Book"s chapter	Paper in UGC listed Journal	Papers in other peer review journal
1.	Swati Rai			2 article published in 2021	
2.	Neeraj Kr Tyagi			1 article published in 2021	
3.	Monika Patel		1 (Challenges and opportunities in Nutrition, Environment and agriculture)	1 article published in 2021 and 1 article published in 2022	
4.	Deepshika		-	2 article published in 2021	
5.	M.A Firdaus		-	2 article published in 2021	
6.	Santoshi	Challenges in Education, environment and Agriculture 978-81-949375-3-1	Role of rag pickers in solid waste management and conserving the environment	Musculoskeletal Disorders among Rag Pickers at Lucknow City, Journal of Ecophysiology and Occupational Health, 20 (3&4): 21-27 Problems faced by the rag pickers during covid-19 Shodh Sanchar bulletin, 10 (40)	UGC Care List II-Web of Science SCOPUS till 2018 UGC Care List
7.	Padmini Pandey	Environment & Society 978-81-931262-3-3,198-207.	Solvent Based Paint and Its Impact On Environment And Human Beings Solvent Based Paint and Its Impact On Environment And Human Beings	Postural Discomfort and Musculoskeletal Disorders among Painters - An Analytical Study Journal of Ecophysiology and Occupational Health, 20 (3&4) :1-6 Degradation of paints and its microbial effect on health and environment Journal of Critical Reviews. 7(19) :4879-4884	UGC Care List II-Web of Science, SCOPUS till 2018 UGC care List II-Scopus-20743
8.	Priyanka Tripathi		1(Research advances in scientific research.)	2 article published in 2021	

9.	Anukriti		1(Community science and sustainable community development.) 1 (Community science and sustainable community development.)	2 article published in 2021	
10.	Nidhi Gautam		1(Community science and sustainable community development.)	2 article published in 2021	
11.	Poonam Verma		01 Chapter in Book		
12.	Gayatri Prajapati	------	02 Chapter in Book		

27. Google profile of the faculty members:

Prof. Sunita Mishra All
Since 2013
Citation - 1519
h-index - 20
i10-index - 37

Prof. U.V. Kiran All
Since 2017
Citation- 420
h-index- 11
i10-index - 12

Dr. Neetu Singh All
Since 2017
Citation - 135
h-index- 5
i10-index- 3

Dr. Shalini Agarwal All
Since 2017
Citation - 244
h-index- 8
i10-index- 8

Dr. K. Sharmila
Since 2017
Citation- 15
h-index- 2
i10-index- 0 0

SCHOOL OF INFORMATION SCIENCE & TECHNOLOGY

The School of Information Science and Technology was started since inception of the university. It is an important interdisciplinary faculty in the University, aims at developing as a centre of excellence, especially in the present day information age. The school is dedicated to studies and research on the state of the art in the areas of Library & Information Science, Computer Science and Information Technology. Information Technology is gaining importance as a key resource for the economic, social, cultural and political development of a nation. Presently, the School for Information Science & Technology has three departments i.e., Department of Library and Information Science, Department of Computer Science and Department of Information Technology. All the three departments are running Post Graduation courses at the Masters level along with in their respective subjects and Ph.D. programmers.

Students in this school are motivated to field visits and educational tours which make them acquainted with the practical problems by observing them. Students of the school are made to attend conferences at both National and International level and give seminars on a regular basis.

This school is acting as a visionary response to the rapidly growing need in every field for the development of leadership especially in the field of Information Sciences and its related technologies. The school with its collaborative efforts in both education and research are producing new knowledge leading to advances in technology and thus helps in our understanding of the way IT is shaping our lives. Pass out students of this school are in high demand across a spectrum of fields. Our renowned faculty, a diverse group of thought, leads in numerous fields including Computer Science, Information Technology and Library & Information Science. Through their sustained efforts and expertise our faculty is jointly helping to guide students or Research Scholars of school. To gain expertise in the cone and relevant areas which are in demand by corporate sectors, Research and Academic institution.

DEPARTMENT OF COMPUTER SCIENCE

Department of Computer Science, established in 1997 as Centre of Vocational Studies (CVS) offering Post Graduate Programme in Computer Software Applications (PGDCSA) and started functioning as Department of Computer Science in 2001 with main objective to provide up-to-date knowledge of the core field of computer science to the students through effective teaching programs thereby enabling students to enhance their knowledge and get employed in leading corporate and IT sectors to serve the country to bridge the digital divide.

Presently the department is offering three full time programmes namely Master of Computer Applications, M. Tech. (Computer Science) of two year duration and Ph.D. programme in Computer Science. A number of academic and cultural activities are regularly conducted in the department which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. In the year 2009, a Students Branch of Computer Society of India (CSI) was established in the department to provide a platform to our students for organizing various activities. The faculty members are engaged in various research and development related activities of the department and university apart from teaching and guiding students. Two UGC funded research project have been completed in the department and another few have been send to various govt. funding agencies for approval.

Course offered/New Courses:-

MCA
M. Tech. (Computer Science)
Ph.D.

Facilities in available in the Department: -

Departmental Library
Computer Lab
Lecture Hall
Smart Class.

Details of the Faculty: -

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)

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)

Prof. Shishir Kumar
Specialization: Software Engineering, Web Engineering, Intelligent, Computational Techniques
Qualifications: Ph.D.

Dr. Deepa Raj
Specialization: Computer Graphics, Data Structure and Software Engineering
Qualifications: M.Sc. (Computer Science) Ph.D. (Computer Science), NET.

Dr. Babita Pandey
Specialization: Machine Learning Social Network Deep Learning Elearing Expert System
Qualifications: MCA, Ph.D.

Dr. Manoj Kumar
Specialization: Computer Vision, Graphics & Image Processing
Qualifications: MCA.JNU (New Delhi), Ph.D. (I .I. T. Roorkee), NET, JRF.

Dr. Narander Kumar
Specialization: Computer Networks, Object Modeling Networks Simulation (OMNETPP)
Qualifications: MCA, Ph.D. (Computer Science & Information Technology)

Dr. Shalini Chandra
Specialization**:** Software Engineering, Software Security, Internet of Things
Qualifications**:** MCA, NET, Ph.D. (I.T), PDF

Dr. Karm Veer Singh
Specialization**:** Multimedia Information Retrieval, Data Science, Medical Imaging, Quantum Neural Networks, Reliability, Cyber Security and Artificial Intelligence.
Qualifications**:** B.E, M.S, Ph.D. IIT (BHU)

Co-curricular/Extracurricular/supports Activities: -

2nd Parent teacher interaction / meeting on 25.02.2022: Interaction between parents and teachers for providing the opportunity for parent and teacher to develop a healthy and strong relationship for the holistic development and it also open two way communication for improving the overall performance and welfare of the Students.

The Departmental Parent Teacher Interaction/Meeting (PTM) via online mode for MCA, MCA (Evening) and M. Tech (CS) was held by the Department of Computer Science, 3 Floor Central Library Building of University, on 25.02.2022. The occasion was graced by Parents of Students of above-mentioned courses. Prof. Sanjay Kr. Dwivedi, Head, DCS and Dean, SIST, presided an event as Patron, Prof. Shishir Kumar, Dr. Deepa Raj,

Asso. Prof, Dr. Babita Pandey, Aso. Prof., Dr. Manoj Kumar, Asst. Prof., Dr. Narander Kumar Asst. Prof., Dr. Shalini Chandra, Asst. Prof. and Dr Karm Veer, Asst. Prof, along with all the Resource Persons and students of the Department were present via online mode at the function and share their views.

Dr. Narander Kumar, Coordinator of the Departmental Parent Teacher Interaction/Meeting welcomed the entire Parents, Teachers and Students share the information about the department that provided a blueprint about the progress of the Department since inception. The information was well received by the Parents. Prof. Sanjay Kr. Dwivedi, Head, DCS and Dean, SIST greeted the gathering and expressed his gratitude to Dr. Narander Kumar for conducting the Online Parent-Teacher Interaction/Meeting. He requested all the Parents to get connected to concerned teachers and Department also to know about the performance of his/her ward. He shared the best practices following in the Department. He also highlighted the all-around growth of the Department especially in improving academic activities/standards. Followed by the motivational speech of Prof. Shishir Kumar and all faculty members of the Department talked about how to encourage the student to excel in their curriculam. Parents were invited to express their views about the Department/University as well as about the overall development of their wards. Parents have discussed about the attendance and academic performance of their ward. Contact numbers and email id of all faculty members of department are provided to parents for better communication. The Parent Teacher Meeting concluded with a vote of thanks by Dr. Shalini Chandra. She specially thanked the Parents, Students, Faculty Members, Resource Persons, and Office Staff Members of the Departments.

Alumni meet 2021-22

- Department of Computer Science hosted its Alumni Meet on 26 March, 2022 in Virtual Mode. The alumni meet is organized by jointly Dr. Babita Pandey & Dr. Manoj Kumar. This meet ensures to build the alumni community into a strong and vibrant association every year. Creating a bond between the alumni and current students and faculty. The event commenced with the inauguration witnessing the participation of alumni from various parts of the country. This event followed by Alumni interaction with teachers, feedback session faculty and alumni suggestion.
- Alumni meet is a gathering of passed out students of an institution and it is a place where the institution feels proud on seeing its successful alumni.
- Alumni Meet, creates a special bonding between the students who have passed out & who have established themselves already in the big, outside world.
- During the meet, the alumni shared their experience in the outside world, which they faced after stepping out of the institution with our students.
- After the interaction with students, they volunteered themselves to help the fellow students regarding Internships, Placements, Guest lectures & Workshops.
- The meet also creates a platform to identify the college‘s most distinguished alumni.

Members/fellowship of professional/Academic bodies/editorial board: -

- **Prof. S. K. Dwivedi**

Member of Court (visitor nominee) Nominated by president of India for Assam University (a central University), Silcher (Assam), 2018 -2021

External Expert Member, DRC, Department of Computer Science, University of Lucknow, Lucknow(2019)

External Expert Member, Board of Studies (Computer Science), A.P.S. University, Reva (M.P.)

d) (March 2019 onwards, Ref. No. academic/.../2019/425)

Member, Board of Studies, Institute of Engineering and Technology, Dr. S.M.N.R. University, Lucknow (2020)

External Expert member Departmental Research Committee, Computer Science & Information Technology, Mahatma Gandhi Central University, Motihari, Bihar((2020-23)

Member, Board of Studies, Dept. of C.S., Dr. S.M.N.R. University, Lucknow (2020-23) .

Member BoS, Computer Sc. and Engineering, Kwaja M.C. Language University, Lucknow (2021)

Member Board of Studies, Computer Science, Dr. RML Avadh University, Ayodhya (U.P.), (wef 25.09.2021, for three years)

(ii) Prof. Vipin Saxena

Life Membership of Indian Science Congress (L13762);

Life Member of Prof. H. S. Shrivastava Foundation of Science and Society (PHSFS-LS9);

Senior Member of International Association of Computer Science and Information Technology (80341530);

Member of International Association of Engineers (113182);

Referee, Journal of Sound and Vibration

(iii) Prof. Shishir Kumar

Board of Post Graduate Studies (BPGS), Department of Computer Science, BBAU, Lucknow.

Members/fellowship of professional/Academic bodies/editorial board

Honoured as IEEE Senior member on December 01 ,2021

Nominated as Co-Opted Member Executive Committee IEEE - Up Section

Participated as expert ,member School Research Degree Committee (SRDC) 13th meeting (online) which will be held on September 28 & 29, PM at JagranLakecity University, Bhopal.

(iv) Dr. Deepa Raj

Board of Post Graduate Studies (BPGS), Department of Computer Science, BBAU, Lucknow.

(v) Dr. Babita Pandey

Board of Post Graduate Studies (BPGS), Department of Computer Science, BBAU, Lucknow.

Member of BUGS

(vi) Dr. Manoj Kumar

Co-Ordinator Alumini meet

(vii) Dr. Narander Kumar

Co-Ordinator IQAC
Parent Teacher Meeting

Dr. Shalini Chandra

External expert in the Program Assessment Committee of MCA Department, Shri Ramswaroop Memorial College of Engineering and Management Department of Computer Application (26.07.2021)

Member of IQAC Committee

Coordianator Departmental Remidial Classes

Member of Computer Society of India.

Detail of Book Chapter in edited volume

Dr. Manoj Kumar

Dilip Kumar, Manoj Kumar, ―A Partial Outsourcing Decryption of Attribute-Based Encryption for Internet of Things‖, In: Proceedings of Academia-Industry Consortium for Data Science. Advances in Intelligent Systems and Computing, vol. 1411, pp. 271-281, Springer, Singapore, 2022.

Amit Verma, Ruchi Agarwal, Manoj Kumar, ―Linear Derivative-Based Approach for Data Classification‖, In: Proceedings of Academia-Industry Consortium for Data Science. Advances in Intelligent Systems and Computing, vol. 1411, pp. 283-296, Springer, Singapore, 2022.

Sara Ahmed, Ruchi Agarwal, Manoj Kumar, ―Discrete Wavelet Transform-Based Reversible Data Hiding in Encrypted Images‖, In: Proceedings of Academia-Industry Consortium for Data Science. Advances in Intelligent Systems and Computing, vol. 1411, pp. 255-269, Springer, Singapore, 2022.

Dr. Deepa Raj

i. 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.

Bably Dolly, Deepa raj: ―Image Processing Using Quantum Computing: Trends and Challenges, limitation and future application of Quantum cryptography IGI Globle 2021

Dr. Babita Pandey

Wasiur Rhmann, Babita Pandey, Early Cancer prediction using ensembles of machine learning and Deep learning, Deep Learning for Personalized Healthcare Services, De Gruyter.

Paper Published during the year by the faculty members :-

Prof. S .K. Dwivedi

Ganesh Chandra and Sanjay K. Dwivedi ―Q.E. For Hindi-English Clir: Analyzing Three Test Collections‖, International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI), 1793-6381(SCI) **(IF -1.373)**

Sachin Sahu, Ganesh Chandra & Sanjay K Dwivedi, ―Analysis of e-Governance Portal of Uttar Pradesh using Jansunwai Portal‖ in International Journal of Electrical and Electronics Research (ISSN NO. 2347-470X) (Scopus), (Accepted).

Sachin Sahu, Ganesh Chandra & Sanjay K. Dwivedi, ―A Reengineering Based Framework for Integration of e-Governance Portal of Various State‖ in International Journal of Information Engineering and Electronic Business (IJIEEB), MECS. (Accepted)

Amit Asthana, Sanjay K. Dwivedi & Ganesh Chandra, —Improving the efficiency of web search by handling OOV words in Hindi languagell, International Journal of Software Innovation, 2166-7160, International Journal of Software Innovation (Under Review).

Deeksha Shukla, Sanjay K. Dwivedi & Ganesh Chandra, —A Comprehensive Survey on Sentiment Analysis: Challenges and Future Insightsll,Journal of Intelligent & Fuzzy Systems, 1875-8967, (**Under Review).**

Prof. Vipin Saxena

Neetu Singh and Vipin Saxena, Numerical Experiments on Skew Plate with Linear and Exponential Thickness Variations, Strad Research, (ISSN:0039-2049), Vol. 8(5), 13-27, (2021), Web of Science, Impact Factor: 6.1;

Snehlata and Vipin Saxena, A Novel Approach for Identification of Fake Indian Currency Using Genetic Algorithm, International Journal of Future Generation Communication and Network, (ISSN: 2233-7857), Vol. 14(1), 644-651, (2021), ESCI;

Snehlata and Vipin Saxena, Texture Feature Technique for Security of Indian Currency, Recent Innovations in Computing, Vol. 701, 695–706, (2021), Springer;

Jaydip Kumar and Vipin Saxena, Asymmetric Encryption Scheme to Protect Cloud Data Using Paillier-Cryptosystem, International Journal of Applied Evolutionary Computation, (ISSN: 1942-3594) Vol. 12(2), 50-58, (2021),ACM;

Prof. Shishir Kumar

Utkarsh Sharma, Prateek Pandey, andShishirKumar,—A Transformer-Based Model for Evaluation of Information Relevance in Online Social-Media: A Case Study of Covid-19 Media Postsll New Generation Computing., January 2022). https://doi.org/10.1007/s00354-021-00151-1, Impact factor-1.113,(Abstracted/Indexed in: SCI, Scopus, Web of Science), Quartile: Q3, ISSN: 1882-7055

Prerna Rai, Dinesh Kumar Verma, Shishir Kumar, —A hybrid model for prediction of software effort based on team sizell IET Software, Vol. 15, No. 6, pp-365-375, December 2021 https://doi.org/10.1049/sfw2.12048Impact factor-1.363, (Abstracted/Indexed in: SCI, Scopus, Web of Science) Quartile: Q3,ISSN: 1751-8814

Dr. Deepa Raj

Footprint Recognition using invariant feature extraction techniques, Far East Journal of Electronics and communication, volume 24, issue 2, Pages 81-109, July 2021.

Recent Object Detection Techniques: A Survey, I.J. Image, Graphics and Signal Processing, 2022, 2, 47-60.

Shot Boundary Detection Framework for Video Editing Via Adaptive Thresholds and Gradual Curve Point, Turkish Journal of Computer and Mathematics Education (TURCOMAT), Vol. 12 No. 11 (2021)

Dr. Babita Pandey

Yadav, N., Alfayeed, S.M., Khamparia, A., ...Thanh, D.N.H., Pande, S., HSV model-based segmentation driven facial acne detection using deep learning, Expert Systems, 2022, 39(3), e12760

Kumari, P., Kaur, P., Kumar, V., ...Dey, A., Pandey, D.K., Response surface methodology and artificial neural network modeling for optimization of ultrasound-assisted extraction and rapid HPTLC analysis of asiaticoside from Centella asiatica, Industrial Crops and Products, 2022, 176, 114320

Nazir, R., Pandey, D.K., Pandey, B., ...Dey, A., Malik, T., Optimization of diosgenin extraction from Dioscoreadeltoidea tubers using response surface methodology and artificial neural network modelling, PLoS ONE, 2021, 16(July), e0253617

Bhanodia, P.K., Khamparia, A., Pandey, B., Supervised shift k-means based machine learning approach for link prediction using inherent structural properties of large online social network, Computational Intelligence, 2021, 37(2), pp. 660–677

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

Pandey, B., Kumar Pandey, D., Pratap Mishra, B., Rhmann, W., A comprehensive survey of deep learning in the field of medical imaging and medical natural language processing: Challenges and research directions, Journal of King Saud University - Computer and Information Sciences, 2021

Rhmann, W., Pandey, B., Ansari, G.A., Software effort estimation using ensemble of hybrid search-based algorithms based on metaheuristic algorithms, Innovations in Systems and Software Engineering, 2021

Dr. Manoj Kumar

Ruchi Agarwal, Manoj Kumar, ―Block-wise reversible data hiding in encrypted domain using SVD‖, Optik, vol. 247, 168010, 2021, Impact Factor:2.443(SCI).

Dilip Kumar, Manoj Kumar, Gaurav Gupta, ―An Outsourced Decryption ABE Model using ECC in Internet of Things‖, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems,* vol. 29 (6) pp. 949-964, 2021, **Impact Factor:1.518(SCIE).**

Dr. Narander Kumar

Jitendra Kumar Samriya, Narander Kumar (Corresponding Author), ―Spider Monkey Optimization based Energy-Efficient Resource Allocation in Cloud Environment‖, Published in Trends in Sciences, Volume 19, Number 1, Article number 1710, pp 1-9 Date of Publication: 01 January 2022, ISSN: 2774-0226 (Online), DOI: https://doi.org/10.48048/tis.2022.1710 (Scopus Indexed)

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: June 20, 2021, ISSN: 2078-8665, E-ISSN: 2411-7986, DOI: http://dx.doi.org/10.21123/bsj.2021.18.2(Suppl.).1020 (Scopus Indexed)

Dr. Shalini Chandra

Interval-Valued Intuitionistic Fuzzy-Analytic Hierarchy Process for evaluating the impact of security attributes in Fog based Internet of Things paradigm, Computer Communications , ISSN: 0140-3664, 2021, pp: 35-46. SCI-E, Scopus (Impact Factor:3.167)

VMFCVD: An Optimized Framework to Combat Volumetric DDoS Attacks using Machine Learning, Arabian Journal for Science and Engineering, Electronic ISSN: 2191-4281, Print ISSN: 2193-567X, 2022. SCI-E, Scopus (Impact Factor:2.334) (In Press)

Machine Learning to Combact Cyber Atttack: A Survey of Datasets and Challenges, The Journal of DefenseModeling and Simulation: Application, Methodology and Technology, ISSN: 1548-5129 Online ISSN: 1557-380X, 2022, E-SCI, Scopus (In Press)

Attended/participated in Conferences/Seminar/Workshop inside Country:-

Prof. S.K. Dwivedi

Deep Learning-Based Suppression Of Speckle-Noise In Synthetic Aperture Radar (SAR) Images: A Comprehensive Review, Accepted for Proceeding, International, International conference on cognitive and Intelligent Computing (ICCIC21), Springer, CMR College of Engineering & Technology, Hyderabad, India, December 11-12, 2021

Role of ICT in Social Science Research, , , Ten Days Research Methodology workshop (sponsored by ICSSR, School of Economics, Vikram University, Ujjain, , 4th Jan. 2022

Web Mining: a case Study of Hindi- English CLIR Systemll, One week online faculty Development Program on Data Management (AKTU Sponsored, RR Institute of Modern Technology, Lucknow, , 21st Jan, 2021

Web Mining in context of Hindi-English CLIR —, International Conference (CONFLUENCE-2021), Amity University, Noida, Jan. 29th, 2021.

Prof. Shishir Kumar

Participated as expert member for School Research Degree Committee (SRDC) 13th meeting (online) held on September 28 & 29, 2021 at Jagran Lake city University, Bhopal

Dr. Narander Kumar

UGC-Sponsored Refresher Course (online) Completed/Attended, From 23/08/2021to 04/09/2021, atUGC-HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG), INDIA

Dr. Shalini Chandra

Analyzing the Impact of Security Attributes in Fog-IoT Environment using AHP Approach in 5th International Conference on Inventive Communication and Computational Technologies ICICCT 2021, Springer, 2021.

Consultancy works:-

Dr. Manoj Kumar

Paid Consultancy with amount received- Findability Sciences Pvt Ltd. (Rs. 315000/-approx.)

Details of invited lectures inside country

Prof. Shishir Kumar

Delivered an expert lecture in FDP cum STTP on "Recent Trends and Advancements in the Era of Machine Learning" organised by Department of Computer Science and Engineering, Harcourt Butler Technical University, Kanpur and technically sponsored by IEEE- U.P. Section during July 19-24, 2021.

Contributed asResource Person in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Advances of ArtificialIntelligence and Machine Learning in Societal Developmentll from 16/08/2021 to 20/08/2021 at Uttarakhand Open University .

Delivered invited lecture as chief guest at the inaugural ceremony of ""***CloudZone Club"*** on 03-March-2022 Thursday in **VIT Bhopal University, Sehore**., on 03-March-2022 Thursday at VIT Bhopal University, Sehore

Dr. Babita Pandey

Lecture on Machine learning a fun on 11th Dec 2021 in Department of Computer Science, Govt. PG College, Ambala Cantt.

Lecture on Link prediction in social network on 25th Feb 2022, student training program at BBDNIIT

Lecture on Optimization algorithm and solution at 9 April, 2022, at faculty induction program at Allahabad university

Lecture on Deep learning in medicine trends and application, 23 April 2022 workshop in AI in computing congress 2022

Details of research projects:-

Dr. Babita Pandey

UGC Startup Major project of 10 lakhs

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.

0 Data of all currently registered Ph.D. Scholars are available under department section on the University website.

13. Students achievements:-

(i) Accomplishments of Students

Number of Students completed their Master/Graduation / Diploma	MCA	26
	MCA(Evening)	13
	M. Tech (Computer Science)	13
Number of students selected on other Jobs/banking / school teacher etc.	Teaching	08
	Job	10

Faculty wise supervision of the Ph.D and M. Phil Student/Dissertation and thesis Submission/degree awarded:-

01	Jaydip Kumar	Prof. Vipin Saxena	Enhancing cloud based data security though trusted security techniques	UGC-NON-NET
02	Pawan Kumar		Analysis And Design Of Effective Graphical Password	UGC-NON-NET
03	Bansi Dhar Chaudhary		Analysis and Design of Data Mining Applications for Banking Industry	UGC-NON-NET
04	Sugandha Singh		Design and Analysis of Effective Techniques for Identification of Brain Tumor in Human Magnetic Resonance Images	UGC-NON-NET
05	Deepika Gautam		Design and Analysis of Effective Security Techniques for Cloud Database	UGC-NON-NET
06	Hemant Kumar		To be decided	
07	Diksha Shukla	Prof. S.K. Dwivedi	Intensity Based Emotion Detection of Product Reviews Using Deep Learning	UGC-NON-NET
08	Deena Nath		People‘s Opining on Indian Government and Its Policies Using Aspect- Based Sentiment Analysis	UGC-NON-NET
09	Amit Asthana		Improving Retrieval Effectiveness in Hindi – English Cross Lingual Information Retrieval Using Query Reformulation	UGC-NON-NET
10	Sachin Sahu		SystematicStudy & Analysis of impact of E-governance Implementation in the state of Uttar Pradesh through a case studies of SPST & IGRS portals	UGC-NON-NET
11	Anshu Gupta	Dr. Deepa Raj	Multimodal Biometric Authentication System Using Human Footprints	UGC-NON-NET
12	Bably Dolly		A STUDY OF CONTENT BASED IMAGE RETRIEVAL SYSTEM	UGC-NON-NET
13	Diwakar		Designing a framework of multi- Disease Detection and Prediction	UGC-NON-NET
14	Dilip Kumar	Dr. Manoj Kumar	Cryptography Based Data Security in Internet of Things	UGC-NON-NET
15	Ruchi Agarwal		Securing Encrypted Images Through Reversible Data Hiding	UGC-NON-NET
16	Banala Revanth		Restoration of Hazy Images Using Machine Learning	UGC-NON-NET
17	Ankita Srivastava	Dr. Narander Kumar	An Efficacious Resource Management Mechanisms in Cloud Computing	UGC-NON-NET
18	Archana	Dr. Narander Kumar	An Efficient Resource Allocation Mechanisms Framework For Cloud Environment	UGC-JRF
19	Richa Verma	Dr. Shalini Chandra	Security Enhancement in Fog driven IoT Paradigm	UGC-NFOBC
20	Arvind Kumar		Security enhancement by Combatting Cyber attacks Using machine Learning Techniques	NFSC-SRF

Ph.D. Awarded / Submitted

Sr. No.	Students	Guide	Title	Fellowship availed/availing
01	Snehlata	Prof. Vipin Saxena	A Study And Analysis Of Fake Indian CurencyIdentifcation System	UGC-JRF
02	Neetish	Dr. Deepa Raj	Analyzing & Designing a Framework of Video Editing	UGC
03	Bably Dolly	Dr. Deepa Raj	A STUDY OF CONTENT BASED IMAGE RETRIEVAL SYSTEM	UGC
04	Surendra Kumar	Dr. Narander Kumar	AnAdaptiveResourceManagement Framework for Cloud Computing Environment	UGC-RGNF
• **Ph.D. Thesis Submitted during the year**				
01	Snehalata	Prof. Vipin Saxena	A STUDY AND ANALYSIS OF FAKE INDIAN CURENCY IDENTIFCATION SYSTEM	UGC-NON-NET
02	Neetish	Dr. Deepa Raj	Analyzing & Designing a Framework of Video Editing	UGC-NON-NET
03	Bably Dolly	Dr. Deepa Raj	A STUDY OF CONTENT BASED IMAGE RETRIEVAL SYSTEM	UGC-NON-NET

Number of Students completed their Masters/ Graduation / Diploma MCA Dissertation

Sr. No.	Student Name	Roll. No	Supervisor Name
1.	ABHAY TIWARI	190801	Dr. Shalini Chandra
2.	ABHINAV DUBEY	190802	Prof. S.K. Dwivedi
3.	ABHINAV KARKI	190803	Prof. Vipin Saxena
4.	ABHISHEK VERMA	190804	Prof. S.K. Dwivedi
5.	AJAY SINGH	190805	Prof. Shishir Kumar
6.	ANUSHKA VERMA	190806	Prof. Shishir Kumar
7.	AVIRAL DIXIT	190807	Dr. Deepa Raj
8.	AYUSH MISHRA	190808	Dr. Deepa Raj
9.	DIVYANSHI RAMAN	190809	Dr. Deepa Raj
10.	HIMANSHU VERMA	190810	Dr. Babita Pandey
11.	HIMANSHU YADAV	190811	Dr. Babita Pandey
12.	JAI KRISHNA VERMA	190812	Dr. Babita Pandey
13.	KARAN SONKAR	190813	Dr. Manoj Kumar
14.	KM VANDANA GAUTAM	190814	Dr. Manoj Kumar
15.	MANOJ KUMAR	190815	Dr. Manoj Kumar
16.	MOHD JAWWAD	190816	Dr. Narander Kumar
17.	PRABHAKAR KUMAR	190817	Dr. Narander Kumar
18.	RADHESH TIWARI	190818	Dr. Narander Kumar
19.	RAJNISH PANDEY	190819	Dr. Shalini Chandra
20.	SANJANA BAJPAI	190820	Dr. Shalini Chandra
21.	SAPAN SONKER	190821	Dr. Shalini Chandra
22.	SATYENDRA SINGH	190822	Prof. S.K. Dwivedi
23.	SHANI KUMAR	190823	Dr. Shalini Chandra
24.	SHASHANK SHEKHAR	190824	Dr. Karm Veer Singh
25.	SHRISHTI GAHLOT	190825	Prof. Vipin Saxena
26.	SUMIT KUMAR	190826	Dr. Karm Veer Singh
27.	UTKRISHT SRIVASTAVA	190827	Dr. Karm Veer Singh
28.	VAIBHAV GUPTA	190828	Dr. Karm Veer Singh
29.	VAISHNAVI MEHROTRA	190829	Prof. Vipin Saxena
30.	SHIVAM MISHRA	190830	Dr. Narander Kumar
31.	SHREYA SINGH	190831	Prof. Shishir Kumar

M. Tech Dissertation

Sr. No.	Student Name	Roll. No	Supervisor –I	Supervisor-II
1.	Ashwani Kant Shukla	201001	Prof. S.K. Dwivedi	Dr. Ganesh Chandra
2.	Anupam Prakash	201002	Dr. Babita Pandey	Dr. Satya Bhushan Verma
3.	Prejesh Pal Singh	201003	Prof. Shishir Kumar	Mr. Chandrajeet Yadav
4.	Akansha Singh	201004	Dr. Narander Kumar	Dr. Ganesh Chandra
5.	Rifat Iqbal	201007	Dr. Babita Pandey	Mr. Chandrajeet Yadav
6.	Deepanshu Maurya	201008	Dr. Deepa Raj	Dr. Satya Bhushan Verma
7.	PraktiChaursia	201009	Dr. Deepa Raj	Dr. Satya Bhushan Verma
8.	Kamal Preet Kaur	201010	Prof. Shishir Kumar	Dr. Satya Bhushan Verma
9.	Shalini Raghuvanshi	201011	Dr. Manoj Kumar	Dr. Ganesh Chandra
10.	Diksha Bajpai	201012	Dr. Shalini Chandra	Dr. Ganesh Chandra
11.	Sangeeta Gautam	201014	Dr. Karm Veer Singh	Mr. Chandrajeet Yadav

Student Publications:-

S. No.	Name of Student/ Scholar	Books Chapters	Papers in UGC listed journal	Papers in other peer review journal
1.	Snehlata		2	
2.	Neetish		1	
3.	Bably Dolly		1	
4.	Surendra Kumar			1
5.	Jaydip Kumar			1
6.	Anshu Gupta			1
7.	Bably Dolly	3		
8.	Dilip Kumar	1	1	
9.	Ruchi Agarwal	2	1	
10.	RichaVerma	1	1	
11.	Arvind Kumar		2	

Google profile of the faculty members:

Prof. S. K. Dwivedi

	All	Since 2017
Citations	900	543
h-index	12	11
i10-index	26	13

Prof. Vipin Saxena

	All	Since 2017
Citations	651	228
h-index	13	8
i10-index	21	5

Prof. Shishir Kumar

	All	Since 2017
Citations	1370	1115
h-index	18	15
i10-index	42	30

Dr. Manoj Kumar

	All	Since 2017
Citations	742	704
h-index	14	14
i10-index	19	17

Dr. Narander Kumar

	All	Since 2017
Citations	323	280
h-index	11	10
i10-index	11	11

Dr. Shalini Chandra

	All	Since 2017
Citations	165	60
h-index	8	4
i10-index	7	3

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

The Department of Library and Information Science is functioning in the University since 1997 with the aim to provide up-to-date LIS education to the students through effective teaching and practical training. The department is working with the vision to educate individuals for career as Librarians, Information Professionals, Archivists, Information Scientist and Knowledge Managers. The students are trained in order to undertake instruction, research and service oriented programmes that require current emerging information technological developments and market requirements. Presently the department is offering one year Bachelor of Library and Information Sciences (BLISc.), one year Master of Library and Information Sciences (MLISc), 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, 42 M.Phil. and 37 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:

- ***0*** An understanding and appreciation of vital and pervasive role of Information as an essential tool in all development activities;
- ***I*** An understanding of the application of Information Technology in the handling of information in the libraries and information centres;
- ***II*** Full comprehension of the global nature of information for proper co-operation, co-ordination among the countries;
- ***III*** 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.
- ***IV*** The students trained under the aegis of the department are gainfully employed in several Govt. and Private Organizations.

Courses Offered : -

- **0** BLISc. (Bachelor in Library & Information Sciences)
- **I** MLISc. (Master in Library & Information Sciences)
- **II** M.Phil in Library & Information Science.
- **III** Ph.D. in Library & Information Science.

Facilities available in the Department:-

- **0** Smart Class rooms
- **I** Departmental Library
- **II** Departmental Laboratory

Details of the Faculty

Prof. Shilpi Verma
Prof. & Head
Qualifications: PG, Ph. D, PGDM,P G Diploma in Marketing & Sales Management
Areas of 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**

Prof. K. L. Mahawar
Professor
Qualifications: MLISc, CIC, Ph. D.(Library & Information Science)
Areas of Specialization : Academic Library and Information System, User Services/Needs, Information Sources, System and Programme
Email :mahawar_67@yahoo.co.in
mahawar67@gmail.com

Dr. M. P. Singh
Professor
Qualifications: MLISc, Ph.D.(LIS), M.Com,M.Sc.(IT), M.B.A.
Areas of Specialization : Management of Libraries and Information Centers, Information Technology, User Studies
Email :mpsinghdlis@gmail.com

Dr. Sharad Kumar Sonker
Associate Professor
Qualifications: Ph.D.(LIS), PGDCA, MLISc, BSc.
Areas of Specialization :IT application to Library and Information services, Digital Libraries, Library Automation
Email :sksonker@yahoo.co.in

Dr. Vinit Kumar Assistant
Professor
Qualifications: B.Sc,
MLISc, Ph.D.(LIS)
Areas of Specialization : Web technology Applications, Text and Data Mining, Research Methods, Information Retrieval
Email :vinitbhu06@gmail.com

Mr. Somipam R.Shimray
Assistant Professor
Qualifications: B.Sc.,
PGDCA, PGDLAN
MLISc, Ph.D Pursuing
Areas of Specialization : Knowledge Management, Knowledge Sharing, Information Seeking , Cultural Informatics
Email :srshimray@yahoo.com

Details of the Seminar/Conference/Webinar Organized by the Department :-

- *0* Department of Library and Information Science organized national webinar on —Role of Sanskrit in Mother Languagesll on February 21, 2022 Google Meet at BBAU, Lucknow.
- *I* Department of Library and Information Science organized national webinar on —Gender Equality: A Stepping Stone to Sustainable Tomorrowll on March 8, 2022 via Google Meet at BBAU, Lucknow.
- *II* LoPNrk i[kokM+k fnol ds volj ij LoPNrk —kiFk lekjksg ¼fnuakd 01 flrEcj 2021½

Other Departmental level Academic Activities :-

सिकि ाजागरूकिा सप्ाह हदनोक 26 -अक्टूबर से1 नोंबर,2021 विषय "अखोडाकेसाथ आत्मननभिरिा"

Pledge on The Theme of World No Tobacco Day (31th May 2021)

On the occasion of **World Bicycle Day on 3rd Jun 2021** Department of Library & Information Science and CBFW celebrated the Day in online mode.

Celebrated Librarians Day on the occasion of 129th Birth Anniversary of Dr S R Ranganathan dated 12/08/2021

Organized Deeksharambh programme/orientation on January 3, 2022 via Google Meet at DLIS, BBAU, Lucknow.

Organized student, parent, teacher connect on February 18, 2022 via Google Meet at DLIS, BBAU, Lucknow.

Organized alumni meet on March 5, 2022 via Google Meet at DLIS, BBAU, Lucknow.

6. Co-curricular/Extra-curricular /sports Activity by the Department :-

Prof. Shilpi Verma:-

Organised 30th Shaheed Diwas-2022 held on 23/03/2022 organised by Azadi ka Amrit Mahotsav, NCC, BBAU

Organised Gender Equality: A Stepping Stone to Sustainable Tomorrow held on 08/03/2022 organised by Azadi ka Amrit Mahotsav, GCC, CBFW, NCC, UBA and Department of Library & Information Science, BBAU

Organised Alumni Meet held on 05/03/2022 organised by Department of Library And Information Science, BBAU.

Organised 30th Foundation Day on the theme- She The Change Maker held on 31/01/2022 organised by Azadi ka Amrit Mahotsav, NCW

Organised Special Yoga Session: Surya Namaskar & Jhaki held on 26/01/2022 organised by Azadi ka Amrit Mahotsav, NCC and Department of Yoga

Organised National Girl Child Day —Bhartiy Pripekshay me Balika Suraksha evm Sashaktikaran‖ held on 24/01/2022 organised by Azadi ka Amrit Mahotsav & NCC

Organised Sensitization Programme —Empowerment of Women in Independent India held on 10/12/2021 organised by Azadi Ka Amrit Mahotsav

Organised a Valedictory Session —Janjatiya Gaurav Diwas‖ held on 29/11/2021 organised by Azadi Ka Amrit Mahotsav, NCC

Organised Poster Competition on Culture of Meghalaya held on 26/11/2021 organised by EBSB, Azadi Ka Amrit Mahotsav

Organised Capacity Building & Personality Development Programme (CB&PDP) held on 22-24/11/2021 organised by Azadi Ka Amrit Mahotsav, CPD

Organised Online Poster Competition —Janjatiya Gaurav Diwas‖ held on 21/11/2021 organised by Azadi Ka Amrit Mahotsav, NCC

Organised Online Quiz Competition —Janjatiya Gaurav Diwas‖ held on 18/11/2021 organised by Azadi Ka Amrit Mahotsav, NCC

Organised Birth Anniversary of Birsa Munda Ji (Janjatiya Gaurav Diwas) held on 15/11/2021 organised by Azadi Ka Amrit Mahotsav, NCC

Organised Vigilance Awareness Week 2021 held on 26/10/2021 to 01/11/2021 organised by Azadi Ka Amrit Mahotsav

Organised Online Quiz Competition on 75 lesser known places of Indian Independence held on 20/10/2021 organised by Azadi Ka Amrit Mahotsav

Organised Village Visit on the occasion on 152nd Birth Anniversary of Mahatma Gandhi & Lal Bahadur Sastri held on 02/10/2021 organised by Gandhi Jayanti & Lal Bahadur Sastri Jayanti

Organised National Webinar on Poshan Maah —Nutritional Health, Low Cost Diet and Nutrition During Covid-19 for Rural Women in India‖ held on 30/09/2021 organised by Poshan Maah

Organised Webinar on —Namami Gange‖ and Poster Competition held on 17/09/2021 organised by Azadi Ka Amrit Mahotsav

Organised Online Singing & Slogan Competition held on 15/09/2021 organised by Azadi Ka Amrit Mahotsav

Organised Ban of Single Use Plastic-Reduce, Reuse and Recycle (Essay Competition) held on 14/09/2021 organised by Swachhata Pakhwada

Organised Awareness Program abour Safety, Health & Domestic Violence with Collaboration of Mission Shakti held on 13/09/2021 organised by Azadi Ka Amrit Mahotsav

Organised Covid-19 Vaccination Awareness Program held on 11/09/2021 organised by Azadi Ka Amrit Mahotsav

Organised Best out of Waste Competition on Occasion of Swachhata Pakhwada held on 08/09/2021 organised by Swachhata Pakhwada

Organised National Webinar on the occasion of Teacher Day —Faculty Excellence : Covid-19 Experiences‖ held on 05/09/2021 organised by Babasaheb Bhimrao University (A Central University)

xxv. Organised Water Conservation (Poster & Slogan Competition) held on 04 to 11/09/2021 organised by World Water Day

0 Organised pledge ceremony- occasion on **Swachhta Pakhwada** at 01/09/2021 (By Online Mode)

I Organised National sports Day (Freedom to Run) held on 29/08/2021 organised by Azadi ka Amrit Mahotsav

II Organised Massage from Gender Champions on Occasion held on 15/08/2021 organised by Azadi ka Amrit Mahotsav

III Organised Fit India —Freedom Runǁ held on 13/08/2021 organised by Azadi ka Amrit Mahotsav

IV Organised Rastra Gaan on the Occasion held on 09/08/2021 organised by Azadi ka Amrit Mahotsav

V Organised Online Creative Writing Contest (Essay, Poetry, Poster Competition) held on 05/05/2021 to 05/06/2021 organised by Azadi ka Amrit Mahotsav

VI Co-cordinator of **Azadi ka Amrit Mahotsav Programm- Poster, Kavita & Essay Competition (Topic: Swadeshi se Aatmnirbhar Bharat)** held on 05/06/2021

VII Organised pledge ceremony- occasion on **World No Tabacco Day** at 31/05/2021 (By Online Mode)

Members/ Fellowship of Professional/Academic bodies/Editorial Board:-

Prof. Shilpi Verma:-

0 Member, Academic Council, BBAU

I Chairperson, Board of Post Graduate Studies, BBAU

II Chairperson, Departmental Research committee, BBAU

III Member , School Board of School for Information Science & Technology, BBAU

IV President of BBAU Alumni Association since 2021

V Member of University IQAC committee since 2021

VI Member Secretary of Steering Committee 2021

VII Chairperson, Azadi ka Amrit Mahotsav since March 2021

VIII Chairperson, Gender Champions Committee

IX Chairperson, committee of basic facilities for women

X Co-Coordinator, MPDC Cell

XI Member ,Convener, Ek Bharat Shreshta Bharat Team

XII Member & Convener, Unnat Bharat Abhiyan

XIII Member, OBC, Advisory Committee since 2021

XIV Life Membership of Indian Library Association (ILA) (Membership no. CL-9677)

XV Life Membership of Indian Association of Special Libraries and Information Centres (IASLIC)

XVI Life Member of Indian Association of Teachers of Libraries & Information Science (IATLIS)

XVII Life Member of Society for Conservation of Wildlife

XVIII Life Member of Zoological Society of India, (Membership No. S-222(LB)

XIX Life Member of Blue Planet Society, Allahabad

XX Life Member of Samagra Vikas Welfare Society (SVWS), Lucknow

XXI Life Member of GESA, New Delhi

Prof. K. L. Mahawar:-

0 Member, Academic council, Babasaheb Bhimrao Ambedkar University, Lucknow

I Member, Board of Governors, Uttar Pradesh Textile Technology Institute, Kanpur.

II Member, Board of Post Graduate Studies, Department of Library and Information Science, BBAU, Lucknow

III Member, School Board, School for Information Science and Technology, BBAU, Lucknow

Member, Board of Post Graduate Studies, Department of Mass Communication and Journalism, BBAU, Lucknow

Member, Board of Post Graduate Studies, Department of Education, BBAU, Lucknow

Member, Library Advisory Committee, Gautam Buddha Library, BBAU, Lucknow

Member, Board of Studies, Department of Library and Information Science, Bundelkhand University, Jhansi.

Member, Board of Studies, Department of Library and Information Science, Jiwaji University, Gwalior

Member, Board of Studies, Department of Library and Information Science, Veer Bahadur Singh Purvanchal University, Jaunpur

Member, Board of Studies in Library and Information Science, Khwaja Moinuddin Chishti Language University, Lucknow

Member, Editorial board, ISST Journal of Advances in Librarianship published by Intellectual Society for Socio-Techno Welfare.

Appointed and worked as a Subject Expert on Library and Information Science for Updation of —Definitional Dictionary of Library and Information Sciencell.

n) Indian Library Association (ILA) : Life Member

o) Indian Association of Special Libraries and Information Centres (IASLIC) : Life Member

p) Indian Association of Teachers of Library and Information Science (IATLIS) : Life Member

(iii)Prof. M. P. Singh:-

Life Member, Indian Library Association (ILA)
Life Member, Indian Association of Special Libraries and Information Centers (IASLIC)
Life Member, Society for the Advancement of Library and Information Science (SALIS)
Life Member, Indian Association of Teachers in Library and Information Science (IATLIS)
Member, Special Library Association (SLA) Asian Chapter (Membership No. 83689)

(iv)Dr. S. K. Sonkar:-

Life time membership of ILA
Life time membership of IATLIS
Life time membership of IASLIC
Member , Board of Post Graduate Studies (BPGS), BBAU,Lucknow
Member, School Board, School for Science and Information Technology, BBAU, Lucknow

Dr. Vinit Kumar:-

0 Life time member of Indian Association of Special Libraries and Information Centres (IASLIC), Kolkata.

I Life time member of Indian Association of Teachers in Library and Information Science (IATLIS), Patiala.

II Member, Association for Information Science & Technology, USA

Details of Book written/edited by faculty members:-

R.C. Sobti, K. Rama, Kamal Jaiswal, Shilpi Verma, Vipin Sobti (2021). **Uchchshiksha ke Samkaleen Sandarbh**. Punjab University, Chandigarh, ISBN: 8185322899

Prof. Shilpi Verma & Dr. Gulab Devi (2021). **Health Literacy among Rural Women in Madhya Pradesh.** Devyani Publishers and Distributors, New Delhi, ISBN: 9788191076486

Kamble, V.T., & **Singh, M. P.** (2021). *Changing Frontiers of LIS in Technology Era: Festschrift Volume in Honour of Prof. S. R. Gunjal.* New Delhi: Indu Book Services Pvt. Ltd. ISBN: 978-81-952023-2-4.

Details of Book Chapters in edited volume:-

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)

Verma, Shilpi (2021). Impact of Digital Era on Libraries. Knowledge Technology And Higher Education

Verma, Shilpi and Sobti, R. C. (2021). Women, Education and Empowerment in India. Knowledge Technology and Higher Education

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

Singh, M.P., Rai, S., & Bharati, V.K. (2021). Copyright Awareness Among the Research Scholars of Babasaheb Bhimrao Ambedkar University, Lucknow: A Study. In Shiva Kanaujia Shukla & P.K. Jain (Eds.), Transitions And Transformations in Academic Libraries And Higher Education: Contemplations and Savoir Faire During COVID-19 (pp. 359- 367), Ess Ess ISBN: 978-93-87698-87-1

Singh, M.P., Rai,S. & Kumari, A. (2021). Usages and User Satisfaction of e-Resources among Research Scholars of Babasaheb Bhimrao Ambedkar University, Lucknow: A Study. In Kamble, V.T. & Singh, M.P. (Eds.), *Changing Frontiers of LIS in Technology Era: Festschrift Volume in Honour of Prof. S. R. Gunjal* (pp. New Delhi: Indu Book Services Pvt. Ltd. ISBN: 978-81-952023-2-4.

Singh, M.P., & Dixit, S. (2021). Online Learning Through Massive Open Online Course During Covid- 19. In Shiva Kanaujia Shukla & P.K. Jain (Eds.), Transitions And Transformations in Academic Libraries And Higher Education: Contemplations and Savoir Faire During COVID-19 (pp. 359- 367), Ess Ess ISBN: 978-93-87698-87-1

Singh, M.P., Bharati, V.K., & Gautam, S.K. (2021). Indian Contribution on Nanotechnology Research: A Bibliometric Mapping and Visualization. In Kamble, V.T. & Singh, M.P. (Eds.), *Changing Frontiers of LIS in Technology Era: Festschrift Volume in Honour of Prof. S. R. Gunjal* (pp. 76-89), New Delhi: Indu Book Services Pvt. Ltd. ISBN: 978-81-952023-2-4.

Singh, M.P., & Dixit, S. (2021). Green Library, Mecessity of the Today. In Kamble, V.T. & Singh, M.P. (Eds.), *Changing Frontiers of LIS in Technology Era: Festschrift Volume in Honour of Prof. S. R. Gunjal* (pp.121- 128), New Delhi: Indu Book Services Pvt. Ltd. ISBN: 978-81-952023-2-4.

Kushawaha, P.P. & **Singh, M.P.** (2021). An Evaluation of Disaster Management Strategies in Central University Libraries in Uttar Pradesh: A Survey Study on Contemporary Issues and Challenges in Present Scenario. In Kamble, V.T. & Singh, M.P. (Eds.), *Changing Frontiers of LIS in Technology Era: Festschrift Volume in Honour of Prof. S. R. Gunjal* (pp.292- 299), New Delhi: Indu Book Services Pvt. Ltd. ISBN: 978-81-952023-2-4.

Kushawaha, P.P., & **Singh M.P.** (2021). Users Attitude and Perception Towards Working LIS Professionals: A Comparative Study of Uttar Pradesh State University Libraries in India. In M. K. Sinha (Ed.), Managing University and Institutional Libraries in 21 Century (pp. 458-466). New Delhi: Shree Publisher & distributors.

Paper published during the year by the faculty members:-

International Journal:

Gangwar, Rashmi and **Verma, Shilpi** (2022). Uttar Pradesh Higher Education Digital Library Portal: An Analysis Study in Library Philosophy and Practice (e-journal). Issue Feb., 2022 ISSN-15220222 SNIP: 1.399 SJR: 0.22 H Index: 17

Patel, Shikha and **Verma, Shilpi** (2021). A Bibliometric Survey of Literature Published on Web 2.0 Technologies on Sage in Bengal, Past and Present. Issue July-Dec. 2021 ISSN-0005-8807

Paswan, Rajesh Kumar and **Verma, Shilpi** (2021). Web Content Analysis of National Institute of Pharmaceutical Education and Research (NIPERs) Library Websites in India: An Evaluation Study in Library Philosophy and Practice (e-journal). Issue December, 2021 ISSN-15220222 SNIP: 1.399 SJR: 0.22 H Index: 17

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12. Attended/Participated in Conference /seminar/workshop inside Country:-

Dr. S. K. Sonkar:-

- Completed the foundation course in yoga conducted by the department of Yoga, Babasaheb Bhimrao Ambedkar University, Lucknow as per the Yoga protocol of Indian Yoga Association. The training program is supported by the Ministry of AYUSH, Govt of India.
- Participated and completed AICTE Training and Learning (ATAL) Academy online FDP on —Data Analysis using Rǁ from 25/10/2021 to 29/10/2021 at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
- .Participated and completed AICTE Training and Learning (ATAL) Academy online FDP on —Research Support Services in Academic Institutionsǁ from 24/082021 to 28/08/2021 at Dayalbagh Educational Institute (Deemed to be University)

Mr. Somipam R. Shimray

- Attended Faculty Induction Programme (FIP) organized by UGC-HRDC - North-Eastern Hill University, Shillong during August 17 – September 16, 2021.

Detail of invited lecture inside Country:-

Prof. Shilpi Verma:-

Verma Shilpi (2022) has delivered talk on Valedictory Address of in Farmers Training Programme organised by SEES through DST-SEED funded project of Prof. Naveen Arora, Dean, SEES, BBAU on 11 March 2022

Verma, Shilpi (2022) has delivered talk on —Information Literacy for farmers need for self Reliant Indiaǁ in Farmers Training Programme organised by SEES through DST-SEED funded project of Prof. Naveen Arora, Dean, SEES, BBAU on 10 March 2022

Verma, Shilpi (2021) has delivered a talk on —Tourism Product of Shillong Cityǁ in the Cultural Exchange Programm at 30 March 2022 organized by EBSB, BBAU & NEHU Shillong.

Verma, Shilpi (2022) Delivered talk as Guest of honour in Webinar on Breaking the Shell of Ignorance org by Dept of Law, BBAU , Lucknow on 8th March 2022.

Verma, Shilpi (2022) Delivered talk as Guest of honour in Webinar on Breaking the Shell of Ignorance org by Dept of Law, BBAU , Lucknow on 8th March 2022.

Verma, Shilpi (2022) Chairperson of the prog delivered talk in Webinar — Gender Equality : A Stepping stone for Sustainable Tomorrowǁ org by GCC, CBFW & AKAM, BBAU on 8th March 2022

Verma Shilpi (2022) Being guest of Honour delivered talk on World Wildlife Day on 3rd March 2022 in a prog organised by BBAU, Society for conservation of wildlife and Forest Deptt, UP at Forest Dept, Lucknow

Verma, Shilpi (2021) has delivered a talk on —Role of Sanskrit in Mother Languagesǁ in the National Webinar on the occasion of International Mother Language Day at 21 Feb. 2022 organized by EBSB, BBAU & NEHU Shillong.

Verma, Shilpi (2022) delivered talk in Jila Yuva Sansad 2021-22 prog organised by NSS, BBAU on 16th Feb 2022

Verma, Shilpi (2022) delivered talk on International Day for Women and Girls in Science on 11th Feb 2022 org by AKAM & GCC.

Verma, Shilpi (2022) delivered talk in — Bhartiya Paripreshya mein Balika Suraksha evam shashaktikaran — on 24/1/22 on the occasion of National Girl Child Day in a prog org by NCC, AKAM , BBAU

Verma, Shilpi (2022) delivered talk on Parakram Diwas on the birth anniversary of Neta Subhash Chandra Bose on 23.1.22 in a prog org by AKAM & NCC, BBAU

Verma, Shilpi (2021) delivered talk to students of DLIS, Punjabi University, Patiala on Use of Social Media for Teaching and Research on 15th Dec 2022.

Verma, Shilpi (2021) on the occasion of human rights day delivered talk on — Empowerment of women in Independent Indiaǁ as Guest of Honor in Sanghmitra hostel organised by ICC, BBAU in 10 dec 2021

Verma Shilpi (2021) delivered a talk in Capacity Building and Personality development prog. Org by Gender Champions committee sponsored by National commission for women, New Delhi org from 22 to 25 nov 2021

Verma, Shilpi (2021) delivered a talk in prog at Dadoopur village on the occasion of Mahatma Gandhi Jyanti (2 Oct 2021) org by UBA and GCC, BBAU

Verma, Shilpi (2021) Delivered a talk in Valedictory prog of Janjatiya Gaurav Week on the theme — Contribution of Tribes in the Indian Freedom Movement‖ org by NCC , AKAM team on 22.11.21

Verma, Shilpi (2021) delivered a talk in Janjatiya Gaurav Diwas on the occasion of Birth anniversary of Birsa Munda ji on 15.11.21 in a prog org by AKAM committee, BBAU

Verma, Shilpi (2021) delivered a talk in Gram Sabha, Gram Panchayat under Vigilance Awareness Week (26 oct to 1 nov 2021) at Bakshi Ka Talab on 1st Mov 2021 org by CVO, BBAU

Verma, Shilpi (2021) has delivered a talk on —Nutritional Health, Low Cost Diet & Nutrition during Covid-19 for Rural Women in India‖ in the National webinar on occasion of Poshan Maah at 30 Sep. 2021 organized by National Commission for Women, BBAU

Verma, Shilpi (2021) delivered talk in UGC sponsored 28 Refresher prog in LIS org from 28oct to 8th oct 2021 from HRDC, Jadavpur university , Kolkatta on the topic — Use of Online Information Resources in Teaching during pandemic situation‖ on 29th sep 2021

Verma, Shilpi (2021) delivered a talk on e-library and use of e-resources in teaching and learning in 10 days ICSSR sponsored Online Research Methodology Prog on 25.9.21 org by dept of economics, BBAU

Verma, Shilpi (2021) delivered a talk on Violence with women in the a prog org by GCC, NCC, BBAU under Mission Shakti prog on 14 Sep 2021

Verma, Shilpi (2021) delivered a talk on — STI ecosystem for Atma Nirbhar Bharat: STI institutions in UP — prog org by Dept of Science and Technology , hosted by CST, UP under Vigyan Utsav on 14 sep 2021

Verma, Shilpi (2021) delivered a talk in National Webinar on — Faculty Excellence Covid-19 Experiences‖ on the occasion of Teachers Day organised by AKAM & NCC on 5th sep 2021

Verma, Shilpi (2021) has delivered a talk on —Library 2.0 and beyond: Remodeling Today‘s Library‖ & — Reaching Out to all: Libraries as Rethinking Spaces and Redefined Roles‖ in the 11th Refresher Course in Library and Information Science at 4th Sep. 2021 organized by UGC-Human Resource Development Centre, Calicut University, Kerela from 26 aug to 9 sep 2021

Verma, Shilpi (2021) has delivered a talk on —Role of Social Media in Education Research and Collaborative Learning‖ in Refresher Course on Changing Trends in Library Services & LIS Education at 3rd Sep. 2021 organised by UGC-Human Resource Development Centre, Dr, Harisingh Gour University, Sagar from 26 aug to 9 sep 2021

Verma, Shilpi (2021) worked as observer in Project/Survey in Refresher Course on Changing Trends in Library Services & LIS Education at 3rd Sep. 2021 organised by UGC-Human Resource Development Centre, Dr, Harisingh Gour University, Sagar

Verma, Shilpi (2021) has delivered a talk on Libraries, sustainability and pandemic in —International webinar: Promises and Challenges in Academic Library Services during Covid-19 Pandemic‖ in the celebration of 129 Birth Centenary of Padamshri Dr. S. R. Ranganathan at 12 Aug. 2021 organised by Nehru Gram Bharti (Deemed University) Prayagraj, U.P.

Prof. K. L. Mahawar:-

Delivered lecture entitled ‗NEP – 2020 and Electronic Information Resources in India: Observer for Seminar/Paeticipnts Presentation‘ on 08/09/2021 in the Refresher Course on ‗Changing Trends in the Library Services and LIS Education‘ (26 August to 09 September 2021) Organized by UGC-Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP)

Prof. M. P. Singh:-

Invited as Resource Person in in Ten Days Workshop on *Research Methodology* organized by the ICSSR on 21th- 30th March, 2022.

Invited as Resource Person in National Webinar on *Role of Libraries in the Promotion of Reseaech Activities* organized by Gokaraju Rangaraju Institute of Engineering and Technology on 24th September, 2021.

Invited as Chief Guest in Webinar *on Cyber Security, Cyber Crime and Its Challenges in Educational Institutions & Libraries* organized by Library Division, Social Development Federation (A non- profit Organization), Regd No. 10233/2020-21 on 24th July, 2021.

Invited talk on Webinar under topic —*National Education Policy 2020: Role of Libraries and Library Science Teachers"* Organized by on 13th May, 2021.

Dr. S. K. Sonkar:-

Resource person in 67th Annual conference of Indian Library association -2022. International conference on open access sources information services during post covid times: challenges and opportunities organized by Department of LIS, Dravidian university, kuppam, Andhra Pradesh, APLA, MLA with collaboration of ILS on 24-26, March, 2022.

Resource person in National Sensitization Programme cum Workshop on —Agricultural Knowledge Management in Networked Digital Environment: Awareness of Plagiarism e-Resources, Research Metrics Tools & Techniques‖ organized by NKMC4AER, ICAR-Indian Veterinary Research Institute, Izatnagar (UP) on 19 March, 2022.

Resource person in National Sensitization Workshop on —Fisheries Knowledge Management in the Networked Digital Environment‖ on 22 February, 2022 organized by NKMC4AER, ICAR-Indian Veterinary Research Institute, Izatnagar (UP).

Resource person in two days Programme on —Agricultural Knowledge Management: Emerging Trends, Tools and Techniques‖ organized by ICAR-National Agricultural Higher Education Project (IG) sub project on National Knowledge Management Centre for Agricultural Education & Research, ICAR-Indian Veterinary Research Institute, Izatnagar (UP) from 16 to 17 December, 2021.

Resource person in the 5th international conference on Innovative approaches in applied sciences and technologies jointly organised by SERS, Meerut and BBAU , Lucknow in collaboration with CCSU,Meerut and SARC, meerut at Babasaheb Bhimrao Ambedkar university, Lucknow during 03-05 December, 2021.

Resource person in National Sensitization Programme cum Workshop on —E-resources in Networked Digital Environment‖ organized by on National Knowledge Management Centre for Agricultural Education & Research-NAHEP (IG), ICAR-Indian Veterinary Research Institute, Izatnagar (UP) on 28 September, 2021

Dr. Vinit Kumar:-

Dr Vinit Kumar delivered an invited talk on "Exploring library resources for refining research" in Ten Days Workshop Sponsored by ICSSR on the topic —Researh Methodology‖ from 21st - 30th March 2022 organised by Department of Rural Management, BBAU Lucknow on 29th March 2022.

Dr Vinit Kumar delivered an invited talk on "Patent, Copyright, and Plagiarism" in One Week Online Faculty Development Program (FDP) on Advanced Research Methodology (During 21-27 March 2022) organised by Science Tech Institute, Lucknow, UP India on 25th March 2022.

Dr Vinit Kumar delivered an invited talk on "Cost Estimates for Research Data Management in Research Projects" in three days International Conference on Advancement in Interdisciplinary Research (ICAIR-2021), Jointly organised by Shia P.G. College, Lucknow, UP & Science Tech Institute, Lucknow, UP India during October 26th-28th, 2021.

Details of National Awards/Fellowship:-

Prof. Shilpi Verma received Certificate of Felicitation for her outstanding contribution in the field of Library & Information Science on Women's Day 8th March 2022 from DLIS, University of Lucknow, Lucknow.

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 Baatll 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.

Students Achievements:-

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

Prof. Shilpi Verma

Ph.D.	:	Pursuing-08 Awarded- 00
M. Phil	:	Pursuing-01 Awarded-00

b) Prof. K. L. Mahawar

Ph.D.	:	Pursuing- 07 Awarded- 01
M. Phil	:	Pursuing-02 Awarded-00

c) Prof. M. P. Singh

Ph.D.	:	Pursuing-08 Awarded-00
M.Phil.:	:	Pursuing-02 Awarded-00

d) Dr. S. K. Sonkar

Ph.D.	:	Pursuing-04 Awarded-01
M.Phil.:	:	Pursuing-01 Awarded-00

e) Dr. Vinit Kumar

Ph.D.	:	Pursuing- 03 Submitted-01
M. Phil	:	Pursuing-00 Awarded-00

Number of student completed their Master/Graduation/Diploma:-

BLIS- 42
MLIS-33

Number of student pursuing higher education:-

BLIS to MLIS - 15

Number of student selected on other government Jobs/bank/banking/School teaching etc:- 3 Students

Mr. Omprkash kumar jigyashu- Librarian in Navodaya Vidyalaya Samiti
Mr. Rahul Pandey-- Librarian in Navodaya Vidyalaya Samiti
Mr. Shashi Rai- Librarian in Navodaya Vidyalaya Samiti

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

UGC-ICSSR-01 (Shraddha Dixit)
Maulana Azad National Fellowship (Unzila hurum)

Google Profile of the Faculty members:-

Dr. Mahender Pratap Singh

	All	Since 2017
Citations	99	86
h-index	6	6
i10-index	2	2

Dr. Vinit Kumar

	All	Since 2017
Citations	123	78
h-index	6	5
i10-index	1	1

Mr. Somipam R. Shimray:-

	All	Since 2017
Citations	114	107
h-index	5	5
i10-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.

Course Offered:

M.Sc. (Information Technology)
M.Tech. (Software Engineering)
M.Sc. Cyber Security (Evening)*
Ph.D. (Information Technology)

Facilities available in the department:

Computer Lab
Smart Classroom
Departmental Library
Research Lab
Server Room

Details of Faculty:

0 **Dr. Dhirendra Pandey Associate Professor& Head, DIT**
Specialization: Software Engineering, Requirement Engineering.
Qualification: M.Sc. (Computer Sc.), M.Phil. (Computer Sc.) Ph.D. (Computer Sc.), JRF-NET

I **Prof. R.A. Khan**
Professor Specialization: Software Quality Estimation, Software Testing, Software Security.
Qualification: MCA. Ph.D

Dr. Raj Shree Associate Professor

Specialization: Mobile Ad Hoc Networks, Wireless Sensor Network, Routing, Security, Image Processing.

Dr. Pawan Kumar Chaurasia

Assistant Professor

Specialization: Software Engineering, Data Mining.

Qualification: MCA. Ph.D.

Dr. Alka

Assistant Professor

Specialization: Software Security, Information Security.

Qualification: MCA. Ph.D.(IT), GATE, NET.

Dr. Amit Kumar Singh

Assistant Professor

Specialization: Performance Modelling, Communication Networks, Quantum Computing,

Qualification: M.Tech., Ph.D.

Details of Book Chapter in edited volume:-

Prof. R. A. Khan

- Selecting and Assessing the Importance of Malware Analysis Methods for Web-based Biomedical Services through Fuzzy based Decision-Making Procedure, (2021). *Recent advances in Nature Inspired Optimization Algorithms, Techniques and Biomedical Applications,*De-Gruyter. *Indexed in WoS, ESCI, SCOPUS, ISI, EI-Compendex, DBLP*
- A Fuzzy AHP Approach for Prioritizing Fog Computing Security Parameters, (2021), *Proceedings of First International Conference on Computational Electronics for Wireless Communications*, Springer.I*ndexed in SCOPUS*

Dr. Dhirendra Pandey

Paradigms of Smart Education with IoT Approach (2022), Internet of Things and Its Applications pp 223–233, EAI/Springer Innovations in Communication and Computing book series (EAISICC)

E-Learning Artifacts and Their Impingement on the Learning Management System (2021), Learning How to Learn Using Multimedia pp 1–9, EAI/Springer Innovations in Communication and Computing book series (EAISICC)

Dr. Raj Shree

Blockchain-Based e-Healthcare Monitoring System using Internet of Healthcare Things (IoHT).

An Overview of Emerging Updates in Blockchain Technology: Analysis and Recommendations.

Linux & FOSS for Cyber Security

Dr. Pawan Kumar Chaurasia

Book Editor, ―Research Challenges in Computer Science and Technology‖ ISBN 9788194905363, Sapatrishi Publication, Chandigarh 2021.

Singh, S., Yadav, N. and Chuarasia,A Comprehensive Study of Trust Management: Internet of Things (IoT) inEdited Book "Emerging Trends in Information Technology" published by Sapatrishi Publishers, ,Chandigarh,ETIT06,June 10, 2020

Pawan Kumar Chaurasia (2020): —Paradigms of Machine Learning and Data Analyticsǁ, Handling Priority Inversion in Time-Constrained Distributed Databases, Publisher IGI

Global Disemnator Knowledge, USA, 14 February 2020 1st edition, ISBN13: 9781799824916 Patent Number : 2021101744 Patent Title : The Waste Segregation Method Using Machine Learning Technique Date of Award : 6thApril 2021

Dr. Alka

Selecting and Assessing the Importance of Malware Analysis Methods for Web-based Biomedical Services through Fuzzy based Decision-Making Procedure, (2021). Recent advances in Nature Inspired Optimization Algorithms, Techniques and Biomedical Applications, De-Gruyter.Indexed in WoS, ESCI, SCOPUS, ISI, EI-Compendex, DBLP

A Fuzzy AHP Approach for Prioritizing Fog Computing Security Parameters, (2021),Proceedings of First International Conference on Computational Electronics for Wireless Communications, Springer.Indexed in SCOPUS.

Paper published during the year by the faculty members :-

Khan R.A., et. al., (2022). Encryfuscation: A model for preserving data and location privacy in fog based IoT scenario, Journal of King Saud University-Computer and Information Sciences.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 13.473
- ***II*** Quartile: Q1

Khan R.A., et. al., (2022). Estimating Usable-Security Through Hesitant Fuzzy Linguistic Term Sets Based Technique, Computers, Materials & Continua, Tech Science Press.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 3.772
- ***II*** Quartile: Q1

Khan R.A., et. al., (2022). Hesitant Fuzzy-Sets Based Decision-Making Model for Security Risk Assessment, Computers, Materials & Continua, Tech Science Press.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 3.772
- ***II*** Quartile: Q1

Khan R.A., et. al., (2022). Integrating Blockchain Technology into Healthcare Through an Intelligent Computing Technique, Computers, Materials & Continua, Tech Science Press.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 3.772
- ***II*** Quartile: Q1

Khan R.A., et. al., (2022). Hybrid computational modeling for web application security assessment, Computers, Materials & Continua, Tech Science Press.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 3.772
- ***II*** Quartile: Q1

Khan R.A., et. al., (2021). A Systematic Analysis on Blockchain Integration With Healthcare Domain: Scope and Challenges, IEEE Access, IEEE.

- ***0*** Indexed in SCI-E, WoS, Scopus
- ***I*** Impact Factor: 3.376
- ***II*** Quartile: Q1

Khan R.A., et. al., (2021). Exploring the Topological Properties of the Tor Dark Web, IEEE Access. IEEE. DOI: 10.1109/ACCESS.2021.3055532.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 3.745
Quartile: Q1

Khan R.A., et. al., (2021), A Hybrid Fuzzy Rule-Based Multi-Criteria Framework for Sustainable-Security Assessment of Web Application, article in press. Ain Shams Engineering Journal, Elsevier. DOI: 10.1016/j.asej.2021.01.003.
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Impact Factor: 1.949
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Quartile: Q1

Khan R.A., et. al., (2021). Usability Evaluation through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective. Computers, Materials & Continua. Tech Science Press.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 4.890
Quartile: Q1

Khan R. A., et. al., (2021). Impact Assessment of COVID-19 Pandemic through Machine Learning Models. Computers, Materials & Continua. Tech Science Press.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 4.890
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Khan R.A., et. al., (2021). A Link Analysis Algorithm for Identification of Key Hidden Services. Computers, Materials & Continua. Tech Science Press.
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Quartile: Q1

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Khan R.A., et. al., (2021). 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, vol. 15, no. 1, pp. 240-263, Korea Society for Internet Information.
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Quartile: Q2

Khan R.A.,et.al., (2021). Healthcare device security: insights and implications. Intelligent Automation & Soft Computing, vol. 27, no.2, pp. 409–424, Tech Science Press.
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Impact Factor: 1.276
Quartile: Q2

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Impact Factor: 0.278
Quartile: Q2

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Quartile: Q2

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II Quartile: Q3

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Khan R.A., et. al., (2022), DURASec: Durable Security Blueprints for Web-Applications Empowering Digital India Initiative, EAI Endorsed Transactions on

Scalable Information Systems, European Alliance for Innovation (EAI).Indexed in E-SCI

Khan R.A., et. al., (2021), Quantitative Analysis of Software Security through Fuzzy PROMETHEE-II Methodology: A Design Perspective, International Journal of

An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic (2022), Dhirendra Pandey, et. al., *Processes* **2022**, *10*(5), 838; https://doi.org/10.3390/pr10050838

Role of Security Attributes in Test Plan Specification: STP Perspective, Mohd. Waris Khan, Dhirendra Pandey, (2021) Interactive Multimedia Electronic Journal Of Computer-Enhanced Learning, ISSN 1525:9102 (2021)

Automatic Teller Machine (ATM): User Satisfaction vs. Dissatisfaction, Shweta Sankhwar, Dhirendra Pandey , (2021) synthesis Lectures on Image, Video, and Multimedia Processing ISSN: 1559-8136 (PRINT) 1559-8144 (ELECTRONIC)

Adoption of Mobile Banking: Problems & User Satisfaction, Shweta Sankhwar, Dhirendra Pandey (2021), Journal of Interdisciplinary and Multidisciplinary Research – ISSN 1936:6264) (2021)

Effectiveness Evaluation of Different IDSs Using Integrated Fuzzy MCDM Model, Dhirendra Pandey, et.al.,March 2022, Electronics, DOI: 10.3390/electronics11060859

The Evaluation of Software Security through Quantum Computing Techniques: A Durability Perspective, Dhirendra Pandey, et.al., December 2021, Applied Sciences 11(24):11784, DOI: 10.3390/app112411784

Dr. Raj Shree

Prabhishek Singh, ManojDiwakar, 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. 1-212021

Anshita Singh, AmitArya, VivekAgrawal, Raj Shree, UttamKumar 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. 1-92021

Prabhishek Singh, Raj Shree &ManojDiwakar 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. 313-3282021

Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, VivekShuklaA new fusion-based agricultural synthetic aperture radar image despeckling by using anisotropic diffusion and discrete wavelet transform methodsJournal of Testing and Evaluation, (IF = 1.264)Vol. 49 2021

Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, VivekShuklaA contiguous cyber crime investigation framework to deal with the cyber dependent-cum-cyber enabled crimesELSEVIER Materials Today: Proceedings (Scopus) pp. 1-102021

Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, VivekShukla, DikshaBajpaiMemory forensic: Acquisition and analysis mechanism for operating systemsELSEVIER Materials Today: Proceedings(Scopus)pp. 1-7 021

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. 32pp. 137-1482020

Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, VivekShukla, PareshGoyalAn Effective-Cum-Strategic Investigation Approach for Cyber-dependent Crime.Jour of Adv Research in Dynamical & Control SystemVol-12pp. 494-500 2020

Raj Shree, Ashwani Kant Shukla, Ravi Prakash Pandey, VivekShukla, Prabhishek Singh A Critical Review on Despeckling Methods in Agricultural SAR Image International Journal of Applied Exercise PhysiologyVol-9pp-258-266 2020

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

Dr. Pawan Kumar Chaurasia

P. K. Chaurasiaet. al. (2021), —The healthcare sector: A development of digital marketing methodsǁ, LINGUISTCA Antiverpiensia, ISSN: 0304-2294, Issue-3, pp-2602-2621.

P. K. Chaurasiaet. al. (2021), —A Machine Learning approach for Heart Attack predictionǁ, International Journal of engineering and Advanced Technology, ISSN: 2249-8958, Vol. 10, Issue- 06, pp-124-134, 06 August 2021.

Yadav, Neha, Chuarasia, P.K., Upadhyay,S.P, Blockchain Applications Issues and Challenges, *Turkish Online Journal of Qualitative Inquiry* **(***TOJQI***)** Vol. 12 Issue: 7 ,July (2021),10227-10237

Dr. Alka

Alka, et. al., (2022). Encryfuscation: A model for preserving data and location privacy in fog based IoT scenario, Journal of King Saud University-Computer and Information Sciences.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 13.473
Quartile: Q1

Alka, et. al., (2022). Hesitant Fuzzy-Sets Based Decision-Making Model for Security Risk Assessment, Computers, Materials & Continua, Tech Science Press.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 3.772
Quartile: Q1

Alka, et. al., (2022). Integrating Blockchain Technology into Healthcare Through an Intelligent Computing Technique, Computers, Materials & Continua, Tech Science Press.
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Quartile: Q1

Alka, et. al., (2021). A Systematic Analysis on Blockchain Integration With

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Impact Factor: 3.376
Quartile: Q1

Alka, et. al., (2021). Exploring the Topological Properties of the Tor Dark Web, IEEE Access. IEEE. DOI: 10.1109/ACCESS.2021.3055532.
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Impact Factor: 3.745
Quartile: Q1

Alka, et. al., (2021), A Hybrid Fuzzy Rule-Based Multi-Criteria Framework for Sustainable-Security Assessment of Web Application. Ain Shams Engineering Journal, Elsevier. DOI: 10.1016/j.asej.2021.01.003.

- 0 Indexed in SCI-E, WoS, Scopus
- I Impact Factor: 1.949
- II Quartile: Q1

Alka, et. al., (2021). Usability Evaluation through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective. Computers, Materials & Continua. Tech Science Press.

- 0 Indexed in SCI-E, WoS, Scopus
- I Impact Factor: 4.890
- II Quartile: Q1

Alka, et. al., (2021). Impact Assessment of COVID-19 Pandemic through Machine Learning Models. Computers, Materials & Continua. Tech Science Press.

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Impact Factor: 4.890
Quartile: Q1

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Quartile: Q1

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Quartile: Q2

Alka, et. al., (2021). Evaluating the impact of different symmetrical models of ambient assisted living systems, Symmetry 13 (3), 450, MDPI.

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Quartile: Q2

Alka, et. al., (2021). 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, vol. 15,no. 1, pp. 240-263, Korea Society for Internet Information.

- 0 Indexed in SCI-E, WoS, Scopus
- I Impact Factor: 0.648
- II Quartile: Q2

Alka, et. al., (2021). Estimating the Impact of COVID-19 Pandemic on the Research Community in the Kingdom of Saudi Arabia. CMES-Computer Modeling in Engineering & Sciences, 126(1), 419–436.

- 0 Indexed in SCI-E, Scopus
- I Quartile: Q2
- II Impact Factor: 0.805

Alka, et. al., (2022), Multi-Level Hesitant Fuzzy Based Model for Usable-Security Assessment. Intelligent Automation and Soft Computing 31 (1), 61-82, Tech Science Press.

Indexed in SCI-E, WoS, Scopus
Impact Factor: 1.647

Quartile: Q3

Alka, et. al., (2022), Blockchain and artificial intelligence applications to defeat COVID- 19 pandemic, Computer Systems Science and Engineering, 691-702, Tech Science Press.
Indexed in SCI-E, WoS, Scopus
Impact Factor: 1.486
Quartile: Q3

Alka, et. al., (2022), Analyzing the Data of Software Security Life-Span: Quantum Computing Era, Intelligent Automation and Soft Computing 31 (2), 707-716, Tech Science Press.
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Quartile: Q3
Indexed in SCI-E, WoS, Scopus

Alka, et. al., (2022), Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective, Computer Systems Science and Engineering 41 (2),

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Quartile: Q3

Alka, et. al., (2021), Ensuring data integrity of healthcare information in the era of digital health, Healthcare Technology Letters 8 (3), 66, Wiley.
Indexed in E-SCI, Scopus
Quartile: Q3

Alka, et. al., (2021), Issues in IoT for Environmental Data Generation, Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science), Bentham Science Publishers.
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Alka, et. al., (2021), METHWORK: An Approach for Ranking in Research Trends with a Case Study for IoET, Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science), Bentham Science Publishers.
Indexed in Scopus
Quartile: Q4

Alka, et. al., (2022), DURASec: Durable Security Blueprints for Web-Applications Empowering Digital India Initiative, EAI Endorsed Transactions on Scalable

Indexed in E-SCI

Alka, et. al., (2021), Quantitative Analysis of Software Security through Fuzzy PROMETHEE-II Methodology: A Design Perspective, International Journal of Modern Education & Computer Science 13 (6). MECS.
Indexed in Scopus

Dr. Amit Kumar Singh

(i) R. Bansal, A. Kumar, A. K. Singh. "Stochastic filtering based transmissibility estimation of novel coronavirus." *Digital Signal Processing*, vol. 112, 103001, 2021.

G. Nayak, A. K. Singh, et al. "A new tight approximation towards the computation of option price." *International Journal of Information Technology,* 2021

S. Bebortta, A.K. Singh, and D. Senapati. "Performance analysis of multi-access edge computing networks for heterogeneous IoT systems." *Materials Today: Proceedings,* 2022

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.

Invited Lecture:

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. RammanoharLohiaAvadh University, Ayodhya (UP) under Mission Shakti Abhiyan of UP Government on 14th December, 2020.

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.

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. RammanoharLohiaAvadh University, Ayodhya (UP) under Mission Shakti Abhiyan of UP Government on 1st March, 2021.

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.

Dr. Pawan Kumar Chaurasia

Pawan Kumar Chaurasia**(2022)**, —The Phenomenon of Translation in the Influence of Big Datall in the **International Conference on Advances in Data Science Challenges with Big Data Analysis (ICADSC2022),** organized by the Department of Computer Applications andDepartment of Computer Science,College of Science and Humanities,Kattankulathur, Chennai-603 203 (16-17 February 2022).

Singh, S., Chaurasia, P.K.,Upadhyay,S.P,. Friend Selection in Social Internet of Things: A Novel Approach, In **International Conference on Advances in Data Science Challenges with Big Data Analysis (ICADSC2022)**, February 16 -17, 2022.

Singh, S., Chaurasia, P.K.,Upadhyay,S.P, Trust Management in Social Internet of Things: A Road Map., **In International Conference on Smart Computing Technologies and Business Management Strategies (ICCTBM 2022),**Feb, 2022.

Singh, S., Chaurasia, P. K., Upadhyay, S.P, Future Challenges of Trust Management in the Social Internet of Things:A Survey, **In 45thIndian Social Science Congress**, March, 2022.

Pawan Kumar Chaurasia (2021): A Heuristic Model for friend selection in social Internet of Things, 3rd**International Conference on Machine Learning and Social Engineerin**g organized on23-25 Sep 2021, NIT Arunachal Pradesh.

Singh, S., Yadav, N. and Chaurasia, P.K., 2020, July. A Review on Cyber-Physical System Attacks: Issues and Challenges. In 2020 **International Conference on Communication and Signal Processing (ICCSP)** (pp. 1133-1138). IEEE.

Organize One Week Workshop on Research Challenges in Computer Science and Technology. As convener on 18-23 June 2021 in Mahatma Gandhi Central University, Bihar

Expert Lecture in UGC HRDC, GNDU, Amritsar Lecture On —Cyber Security :Tools and methods —**One Week Online Cyber Security: Issues and Challenges and Intervention**10-16 September 2021, organized by GNDU, Amritsar **(Online Mode)**.

Expert Lecture in UGC HRDC, GNDU, Amritsar Lecture On —Cyber Security: Trends Challenges and Threats —**One Week Online Cyber Security: Issues and Challenges and Intervention**10-16 September 2021, organized by GNDU, Amritsar **(Online Mode)**.

Expert Lecture on —Advances in Computer Science using Machine Learningǁ in **Seven Day Online Workshop on Research Methodology and Advances in Computer Science**, organized by the Department of Computer Science, Deen Dayal Upadhyay, Gorakhpur University, Gorakhpur from 3rd July -09th July 2021.

Convener, Computer Science Research Committee, 45th Indian Social Science Congress, Chennai, 2022.

AIR QUALITY INDICES USING MACHINE LEARNINGAPPROACH: A CASE STUDY OF BIHAR, INDIA (Sandeep Kumar), Mahatma Gandhi Central University, Motihari, Bihar.

Dr. Amit Kumar Singh

0 Delivered an online lecture on —LATEX: Essential of Latex, Practical Applications, Formatting, Mathematical content, Table, matrix, equationsǁin FDP Scientific Research Writing using Latex and Descriptive Data Analysis through R/Python, RGSC, BHU, Varanasi, from 31-01-2022 to 04-02-2022.

I Attended one-week FDP on —Computational Foundation for Data Scienceǁ, ATAL Academy and BHU from 26-07-21 to 30-07-21

II Attended one-week FDP on —Research Methodology and Project Writingǁ, Rama Devi Women‘s University, Bhuvneshwar, Odisha from 07-07-2021 to 11-07-2021

III Attended online orientation programme, TLC Ramanujan College, from 17-09-21 to 16-10-21

Student achievements:

Accomplishments of students

Number of students completed their Master/ Graduation/ Diploma	M.Sc. , M.Tech.(SE), M.Sc.Cyber (Security)	73
Number of student selected in civil Services	00	00
Number of student pursuing higher studies Number of student selected on other government jobs/banking/school/ teaching etc	00	00
Number of students placed through campus interview	00	00
Number of student awarded SLET/ NET/ JRF/ any other fellowship	01	00

ii. Ph.D. Awarded during the year:

SL No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
01	Syed Anas Ansar	Prof. R. A. Khan	Dr. Amitabha	Managing Security Risk of Healthcare Web Application: A Design Perspective	UGC-NON -Net

iii. Ph.D. thesis submitted during the year- (05)

01	Masood Ahmad		----------	Medical device security assessment using soft computing technique.	National Fellowship for Persons with Disabilities
02	Suman		----------	Software defect predictions using machine learning	UGC-NON -NET
03	Mohd. Nadeem		----------	To design secure web based application and software using quantum computing	UGC-NON -NET
04	Adil Hussain Seh		----------	Improving Confidentiality of Healthcare data through Integrated Machine Learning and MCDM techniques	UGC-NON -NET
05	Sandeep Kumar Verma		----------		UGC-NON -NET
06	Sandhya Satyarthi	Dr. Dhirendra Pandey	----------	Software Requirement specification for fault-detection and prediction using AI techniques	UGC-NON -NET
07	Sujit Kumar Dwivedi		----------	improving application security in cloud server for malware-injection attack solution	
08	Manish Joshi		----------		UGC- JRF
09	Vinay Kumar Sahu		----------		
10	Anshita Singh		Dr. Uttam Kumar (S.G.P.G	Neural Pattern Recognition in Children with Psychiatric	Inspire DST Fellowship

			.l.)	disorder	
11	Prashant Kumar Singh		----------	Crop Monitoring and Classification Using SAR Image in Indian Heterogeneous Agriculture Environment	
12	Neha Yadav	Dr. Pawan Kumar Chaurasia	----------	Improving reliability of traffic data: Block chain Technology	UGC-NON -NET
13	Sunil Singh		----------	Enhancing Reliability of Trust Management in the Internet of Things	UGC-NON -NET
14	Mahendra Pratap Singh				
15	Satish Kumar		----------	A watermarking techniques for secure of medical images in e-health	UGC-NON -NET
16	Jasleen Kaur	Dr. Alka	----------	Security in Fog Environment	MANF
17	Sabita Khatri		----------	Development of Efficient Machine Learning Model for feature based Malware Classification and Identification	UGC-NON -NET
18	Vishal		----------	Software quality Models	UGC-NON -NET

29. Google profile of the faculty:-

Prof. R.A. Khan

Citations 2374
h-index 24
i10- index 81

Dr. Dhirendra Pandey

Citations 734
h-index 14
i10- index 22

Dr. Raj Shree

Citations 582
h-index 15
i10- index 22

Dr. Pawan Kumar Chaurasia

Citations 92
h-index 6
i10- index 0

Dr. Alka

Citations 1113
h-index 18
i10- index 40

Dr. Amit Kumar Singh

Citations 75
h-index 6
i10- index 4

भाषा एवं साहित्य विद्यापीठ

विद्यापीठ का संक्षिप्त विवरण:

fo'ofo|ky; LFkkfir Hkk"kk lkfgR; fo|kihB f'k{kk lekt egÙkj dh djrk v/khu fuEufyf[kr dk çLrkfor vU; fo|kihB dk y{; Hkk"kk lkfgR; f'k{k.k ek/;e Kku dk fodkl foLrkj djuk mPprj f'k{kk fo|kihB dh dk ;g ç/kku fd f'k{k.k f'k{k.k egRo fn;k tk; mudh ç—fr cuk;k tk;A fo|kihB fofHkUu lkfgR; chp f'k{k.k lkFk gh lkFk fo|kihB Hkk"kk lkfgR; mPpLrjh; vo/kkfjr] fodflr djrk Hkk"kk lkfgR; fo|kihB ijEijkxr fHkUu lekt —fr vçdkf'kr] ij Hkh djrk fo|kihB foHkkx dk jgk gh vU; LFkkfir dh Hkh lEHkkouk Hkk"kklkfgR; fo|kihB fgUnh foHkkx

हिन्दी विभाग

परिचय :

2013 LFkkfir fgUnh f'k{k.k ikBîØe djrk foHkkx] Hkk"kk lkfgR;&f'k{k. fd;k lkfgR; gh foHkkx ijk&Lukrd ikBîØe u;k :i fn;k dh foHkkx fd;k rFkk :i dh Hkh ¼,d ikBîØe Hkh —fr volj çnku djrk foHkkx dh foHkkx fgUnh i=dkfjrk ikBîØe Hkh djrk ehfM;k . foHkkx f}rh; ry ij fLFkfr rFkk N% f'k{kd

Courses Offered

,e-,- fgUnh

,e- fQy- fgUnh

ih,p-Mh- fgUnh

Facilities available in the Department:-

(i) Classroom - 03

Details of Faculty:-

% HkfDrdkyhu dfork] dFkk lkfgR;] ledkyhu dfork
-] ,e-fQy-] ih,p-Mh-

(ii) डॉ. आर. पी. गंगवार

% e/;dkyhu fgUnh dkO;] dkO;; % nfyr] dkO; 'kkL=
% Mh-fyV] Mh-fQy] -th-lh- ,e-,-] ¼fgUnh] ,y-,y-ch-

(iii) डॉ. बलजीत कुमार श्रीवास्तव
lgk;d
% fgUnh] i=dkfjrk
-] ih,p-Mh-

(iv) डॉ. शिवशंकर यादव
lgk;d

विश ेष ाज्ञता : fgUnh fgUnh lkfgR; dk bfrgkl] fgUnh
शैक्षिक योग्यता : i=dkfjrk -] ih,p-Mh-

(v) डॉ. नमिता जैसल
lgk;d

विश ेष ाज्ञता : fgUnh ukVd] dFkk lkfgR;
भौक्षिक योग्यता : -] ih,p-Mh-

(vi) डॉ. प्रीति राय
lgk;d

विश ेष ाज्ञता : dFkk lkfgR;] lkfgR;] fgUnh dfork
शैक्षिक योग्यता : -] ih,p-Mh-

Details of the Seminar/Conference organized by the Department:-

(i) foHkkx }kjk 24-04-2021 dchj dk fd;k x;kA

vfrfFk - nkl] dchj eB rFkk oDrk -

bykgkckn fo'ofo|ky;] mifLFkr

(ii) foHkkx }kjk 16-02-2022 oDrk dk fd;k x;kA

rFkk fof'k"V oDrk - ikloku] -,u- - fnYyh]

mifLFkr

5. Visitors of Department from inside the country:

(i) - ikloku] -,u- -] fnYyh

Members/Fellowship of professional/Academic bodies/editorial board:

प्रो. सर्वेश ा सिंह
lnL;] ch-ch-,- -] y[kuÅ
v/;{k] fgUnh foHkkx] ch-ch-,- -] y[kuÅ
v/;{k] ch-ih-th-,l- Mh-vkj-lh- fgUnh foHkkx] ch-ch-,- -] y[kuÅ
lnL;]
lnL;] p;u lfefr] vo/k fo|| ofo|ky;]
lfefr] fgUnh vkxjk

(ii)
lnL;] ch-ch-,- -] y[kuÅ
lnL;] ch-ih-th-,l-] fgUnh foHkkx] ch-ch-,- -] y[kuÅ

lnL;] Mh-vkj-lh-] fgUnh foHkkx] ch-ch-,- -] y[kuÅ
lnL;] LVMhl-] fgUnh foHkkx] fo'ofo|ky;
lnL;] ih,p-Mh- ijh{kd] Jh ,.M foll ofo|ky;]
e/;

(iii)
.kh lnL; Hkkjrh; fgUnh
leh{kk ih;j ,.M
lnL;] cbch- -] y[kuÅ
fo'k; fo m0 Hkk"kk y[kuÅ
lnL; lfpo] Nk= lfefr ch-ch-,- -] y[kuÅ
lnL;] ctV lfefr] ch-ch-,- -] y[kuÅ
lnL;] lykgdkj lfefr fo'ofo|ky;]
lnL; ch-ih-th-,l-] Mh-vkj-lh- fgUnh foHkkx] ch-ch-,- -

(iv)
lnL;] [oktk fp'rh Hkk"kk fo'ofo|ky;] y[kuÅ
leUo;d] - -,-lh- fgUnh foHkkx] ch-ch-,- -
vkthod lnL;] Hkkjrh; fgUnh ifj"kn]
lnL;] vU; ch-ch-,- -] y[kuÅ
lnL;] ch-ih-th-,l-] fgUnh foHkkx] ch-ch-,- -
lnL;] Mh-vkj-lh- fgUnh foHkkx] ch-ch-,- -
leUo;d] fgUnh foHkkx] ch-ch-,- -
fo'k; fo [oktk fp'rh Hkk"kk fo'ofo|ky;] y[kuÅ
fo"k; kK] M,- feJk fo'ofo|ky;]y[kuÅ

(v)
lnL;] ch-ih-th-,l-] fgUnh foHkkx] ch-ch-,- -] y[kuÅ

(vi)
lnL;] ch-ih-th-,l-] fgUnh foHkkx] ch-ch-,- -] y[kuÅ

7. Details of Books written/edited by faculty members:

- Hkh cl
  2022 ISBN: 978-93-55-003-89-8 Bk.

Rashtriya Ekta aur sant kavya (Tad vishyak chetna ka adhyayan),ISBN: 978-81-943973-1-1,Pg.160 , Lok Parlok Publications Prayagraj, 2020

Bhakti Andolan aur nirgun kaavya vimarsh, ISBN: 978-81-943973-2-8, Pg. 128, Lok Parlok Publications Prayagraj, 2020

Details of Book Chapter in edited volume:

Prof. Ram Pal Gangwar

Coronakal aur Sahitya Chetna Lockdown ki Manah Sthiti aur Kavitavali ki Re-reding, 978-93-91251-0-2-4 Disha International Publishing House, Greater Noida, 2021, 205-211

Paper Published during the year by the faculty members:

Lalla Ded and Her Sensibility, International Journal of Multidisciplinary Eductional Research (IJMER), 2277-7881, UGC Listed 6.872, June 2020

A Discourse on Do Sau Bavan Vaishnavan Ki Varta to understand the concept of social justice, ,Aalochana Chakra, 2231-3990, 6.3, June 2020

Saket yugeen Chetna : Ek Adhyayn, National Journal of Arts, Commerce & Science Research Review , 2394-4870, Refreed Peer Reviewed, 6.0877,2021

Saket ke bahane saketkar ka kavya vivek : ek moolyankan, Kaav International Journal of Arts, Humanities &

(ii)

a) vferk dh L=h P-65-68, leh{kk ,.M y[kuÅ] 2249-1597 ih;j 12] 2021

b) dkO; fufgr Hkkouk P-335-339, fgUnh Hkkjrh; fgUnh ifj"kn] bykgkckn] 2249-930X, fyLV] tuojh 2021

c) Hkkjrh;rk dh vo/kkj.kk Q.kh'oj ukFk . P-29-34, /kkjk] 0975-3664, fyLV] . 61 2021

d) ukfljk ^ikfjtkr* miU;kl lkekftd P-47-48, lkfgR; 2454-2695 ih;j vxLr 2021

e) fgUnh x| lkfgR;] P-47-48, fn'kk] 0975-735X, fyLV flrEcj 2021

f) Hkkjrh; dh P-8-13, leh{kk ,.M y[kuÅ] 2249-1597, ih;j 12] 2021

g) yhyk/kj dkO; P-71-74, leh{kk ,.M y[kuÅ 2249-1597 ih;j 12] 2021

h) fgUnh fufgr L=h % ,d P-71-74 /ofu 2321-6131, ih;j 9] fnlEcj 2021

i) .k fgUnh fofo/k P-270-276, /kkjk] 0975-3664, fyLV] . 63 fnlEcj 2021

j) dk fgUnh] P-58-63, lkfgR; Hkkjrh] m0 fgUnh 2455-1309 24 2021

k) Hkkjrh; dk fgUnh Hkkjrh; fgUnh ifj'kn] bykgkckn 2249-930X fyLV fnlEcj 2021

l) dFkklkfgR; ' /kkjk 0975-3664 fyLV . 64 2022

(iii)

(क) dchj jke jke ,d ,fll k;u LVMht] 2395&4965 flrEcj 2021A

.Myhdj.k dk .k ij ij ,.M dYpj] ISSN 2393&8285 flrEcj 2021A

(ग) HkfDr jke dkO; ,f'k;u LVMht] ISSN 2395&4965 2021A

lnh fgUnh lkfgR; .k fØ,fVo 2347&1689 flrEcj 2021

(च) fgUnh lkfgR; fØ,fVo ISSN 2347&1689 fnlEcj 2021

vkhokin L=h ISSN 2229&7871 fnlEcj 2021A

(छ)

(iv) डॉ. नमिता जैसल

fgUnh dk cnyrk Lo:i] – .k & 2020

(क)

(v) डॉ. प्रीति राय

(i) v"Bkuk .k^ 13 1 tuojh&Qjojh 2021

41

(ii) ukjh^ volume 2 issue 2021

29

(iii) ^ekulmRrjdk.M fpf=r jkejkT; lfjrk] volume 8 issue 2021

(iv) dh dgkuh dyk dh leh{kk] .k* 13 2 2021

10. Attended/participated in Conferences/seminar/webinar/ workshop inside Country:
Prof. Ram Pal Gangwar

1	Kabir ke Ram : Tulsi ke Ram	No	Kabir ke Ram : Tulsi ke Ram	Department of Hindi BBAU, LKO & UP Bhasha Sansthan, LKO	2021
2	Sahitya mein anuvad ki bhoomika	No	Single Lecture	AryaKanyaP.G. College, Prayagraj	2021
3	Madhyakaleen kavya mein stree	No	Special Lecutre for Ph.D Students	Magadh University Bodh Gaya	2021
4	Hindi Diwas	No	Beej Vaktavya	Allahabad Degree College, Prayagaraj	2021
5	Kabira Khada Vichar mein	No	Kabir vichar goshthee	Kabhir Parakh Sansthan, Prayagraj	2021
Uchch Siksha ka madhyam matribhasha ho		No	Antarrashtriya Matribhasha Diwas	M.P.S. Law College prayagraj	2022
Matribhasha ka mahattva		No	Antarrashtriya Matribhasha Diwas	M.P.S. Law College prayagraj	2022
Matribhasha ka NO mahattva			Antarrashtriya Matribhasha Diwas	C.M.P. Degree College, Prayagraj	2021
12	Nayi siksha neeti aur bhartiya bhashayein	NO	Nayi Siksha Neeti	CSDC, Paryagraj	2021
13	Nayi siksha neeti aur bhartiya bhashayein	NO	Nayi Siksha Neeti	CSDC, Paryagraj	2021
14	Hindi aur anya bhartiya matri bhashaon ke samaksh upasthit sankat	No	Antarrashtriya Matribhasha Diwas	CSDC, Paryagraj	2022
15	Rajbhasha Hindi Samsya aur samadhan	No	Hindi Pakhwada	C.M.P. Degree College	2021

(ii)

a) fgUnh lkfgR; ij oDrO; dk fgUnh rFkk Hkkjrh; Hkk"kk foHkkx] y[kuÅ fo'ofo|ky;] y[kuÅ m- - fgUnh y[kuÅ] 30&31-10-2021

b) lkfgR; dk fo"k; ij vf[ky Hkkjrh; lkfgR; ifj"kn] U;kl 25&26 fnl- 2021

c) oDrO;] fodkl fgUnh dh fo"k;& fodkl lekt] lkfgR;] o ekfufodh dk vonku] m- - Hkk"kk mikf/k ih- th- ihyhHkhr 11&12 fnl- 2021

d) oDrO;& Hkkjrh; dk fo"k;& dh m- - Hkk"kk Hkkjrh] fo'o fgUnh }kjk 12&13 Qjojh 2022

(iii)

a) ll ku] mPp frCcrh f'k{kk okjk.klh }kjk kkyk 21&25 vxLr 2021 fo'k; ^jk f'k{kk uhfr 2020 % fØ;kUo;u dk çFke çfrHkkfxrk dk çek.ki=A

b) ihåthå bVkok }kjk 20 vxLr 2021 fo"k; _Importance of Holistic & Multidisciplinary Education in Present Scenario' çfrHkkfxrk dk çek.ki=A

c) fo'o fgUnh lfpoky; fgUnh foHkkx fo'ofo|ky; }kjk 14 vxLr 2021 dfo çfrHkkfxrk dk çek.ki=A

d) bykgkckn fo'ofo|ky; }kjk 29 vxLr 2021 vktknh dk çfrHkkfxrk dk çek.ki=A

Students achievements:

Faculty wise supervision of the Ph.D and M.Phil Student/Dissertation and thesis submission/degree awarded. - 05 (M.Phil)

(ii) Number of student completed their masters/graduation/Diploma - **13**

(iii) Details of students selected for teaching in higher education - **01**
¼d½ lfjrk ;kno& mÙkj mPprj f'k{kk lgk;d

Number of student pursuing higher studies. - **04**

(ii) Number of student awarded SLET/NET/JRF/any other fellowship - **03**

Google profile of the faculty members-

प्रो. सर्वेश । सिह

http://scholar.google.com/citations?user=U2OMDggAAAAJ&hl=hi

SCHOOL OF LEGAL STUDIES

On behalf of the faculty and staff I welcome you to the School of Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh, India.

The School of Legal Studies is proud of its accomplished faculty members and their deep commitment to Intellectual Inquiry in Law that sets them apart. The School of Legal Studies provides for an Interdisciplinary approach. Delivering excellent legal education is the core mission of the School of Legal Studies in order to shape the future legal minds of our country and the world.

The School of Legal Studies brings together leading faculties, scholars, alumni, researchers and members of the legal profession to provide students with a range of transformative and innovative experiences, both inside and outside the classroom and promote legal and ethical values through legal education.

I invite you to explore all aspects of the School of Legal Studies through this website. We are always looking for the next generation of law students to join the various academic programs offered by the School of Legal Studies, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow.

DEPARTMENT OF HUMAN RIGHTS

Department of Human Rights conducts post-graduate teaching and research programmes in the areas relating to Human Rights and Law and aims at recommending appropriate measures for enforcing human rights and securing ends of justice through legal and democratic processes.

Presently, the Department is running Ph.D. and LL.M. courses. The number of students in Ph.D. course on date is 12 in Department of Human Rights; LL.M. Course is 45 during the session 2021-22 out of which number of open category students is 13, EWS category students is 04; 01 PH Category students and students belonging to SC/ST category are 19 and Paid Seats students are 08.

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.

Course Offered:

LL.M. in Human Rights
Ph.D.

Facilities available in the department:

- ***0*** The Department is housed in School of Legal Studies Building.
- ***I*** The building is Wi-Fi connected.
- ***II*** Two Classrooms, one Smart classroom, one Legal Aid Room and one Conference hall.
- ***III*** 06 faculty chambers
- ***IV*** One Computer lab and Library at School level.
- ***V*** Computers have been provided to all the teachers.
- ***VI*** Three LCD projectors and one Laptop are available for students' classes and conference hall.
- ***VII*** Xerox Machine along with required furniture is also available in the Department.

Details of faculty:

Priti Saxena
Professor
L.L.M., Ph.D. in Law
Experience- Teaching & Research since 18.11.1991
Specialization- Constitutional Law, Administrative Law and Torts

Preeti Misra
Professor
LL.M., LL.D.
Experience- Teaching & Research since 20 Sept. 1999
Specialization- Criminal Law, Women & Law, Human Rights Law, Intellectual Property Law & Family Law

Shashi Kumar
Associate Professor
M.A (Political Science) Ph.D. in (Political Science) **Experience**-
Teaching & Research since 19 August 1997 **Specialization-** Human Rights, Indian Politics & Law Political Theory

Rashida Ather
Asst. Professor
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

Ajay Singh Kushwah
Asst. Professor
LL.B., M.A. (Human Rights) & Ph.D. (Human Rights) **Experience**- Since Jan. 2022
Specialization- Human Rights, Women and Human Rights

Rashwet Shrinkhal
Asst. Professor
LL.M. (Human Rights), M.Phil-Ph.D. (International Law)
Experience-Teaching & Research since August 2012
Specialization- Indigenous & Tribal Rights, Legal Theory, International Human Rights Law

Details of Seminar / Conference organized by the department:

SEMINARS/ SYMPOSIUMS/ WORKSHOP

One Day National Webinar on 20/09/2021, topic -Language Policy in India: Issues and Challenges.

International Conference on International Human Rights Day on 10/12/2021, topic- Advancement of Human Rights in 21st Century

One Day National Webinar to commemorate National Girl Child Day on 24/01/2022, topic- Equal Chance for Equal Future

One Day National Webinar on National Voter‘s Day on 25/01/2022, topic- Voter's Participation in Good Governance: Issues and Challenges

One Day National Webinar to Commemorate the International Women‘s Day on 08/03/2022, topic- —Gender Equality Today for a Sustainable Tomorrowǁ

Other Departmental Level Academic Activities:

Internal Quality Assurance Cell

The Department works under three Forums for its academic and extension activities and one for alumni activity:

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.

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.

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.

Legal Updates- Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites

Students" Achievements- information about students winning and participating in various competitions.

Information and Guidance- information of career prospects and vacancies in the related field.

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.

Λεχτυρεσ-

Sl. No.	Date	Name with address	Topic
1.	20/09/2021	Prof. (Dr.) Rakesh Kumar Singh, University of Lucknow, Lucknow	Chief Guest in National Webinar
2.	20/09/2021	Prof. D.K. Mishra, Faculty of Law, BHU, Varanasi	Keynote Speaker in National Webinar
3.	10/12/2021	Prof. S.K. Bhatnagar, Hon'ble Vice Chancellor, Dr. RMLNLU, Lucknow	Chief Guest in International Conference
4.	10/12/2021	Prof. (Dr.) Antonietta Elia, Senior Associate Fellow in Law, University of Santiago de Compostela, Spain	Keynote Speaker in International Conference
5.	10/12/2021	Dr. Saslina Kamaruddin, Associate Professor, Sultan Idris Education University, Malaysia	Special Guest in International Conference
6.	24/01/2022	Prof. Ved Kumari Hon'ble Vice Chancellor NLU Orissa	Chief Guest in National Webinar
7.	24/01/2022	Smt. Manan Chaturvedi Former Chairperson State Child Rights Commission Rajasthan	Guest of Honour in National Webinar
8.	24/01/2022	Prof. (Dr.) Vibhuti Patel Ex.-Professor, Tata Institute of Social Science & SNDT Women's University, Mumbai; Vice President, Indian Association for Women's Studies	Keynote Speaker in National Webinar
9.	25/01/2022	Prof. A.K. Awasthi Former Faculty & Head, Faculty of Law University of Lucknow, Lucknow	Chief Guest in National Webinar
10.	25/01/2022	Prof. S.K. Pandey Head, Dept. of Political Science BBAU, Lucknow	Special Guest in National Webinar
11.	08/03/2022	Prof. (Dr.) Rakesh Chandra Dept. of Philosophy University of Lucknow, Lucknow	Chief Guest in National Webinar
12.	08/03/2022	Prof. Deepa H. Dwivedi Dept. of Horticulture, SAST, Chairperson, ICC, BBAU, Lucknow	Guest Speaker in National Webinar
13.	08/03/2022	Prof. Venkatesh Dutta Dept. of Environmental Science School of Earth & Environmental Sciences, BBAU, Lucknow	Guest Speaker in National Webinar
14.	15/03/2022	Prof. (DR.) Nishtha Jaswal, Hon' ble Vice Chancellor, Himanchal Pradesh National Law University, Shimla	Consumer's Rights

Αλυμνι Λεχτυρεσ

Sl. No.	Date	Name with address	Topic
1.	05/02/2022	Dr. Bhanu Pratap, Assistant Professor, Faculty of Law, University of Lucknow, Lucknow	American Realism
2.	19/02/2022	Dr. Nidhi Saxena, Assistant Professor, Dept. of Law, Sikkim University (A Central University), Gangtok	Regulatory Challenges at the Interface of Information Technology and 'Trafficking

			for Sex': An Overview
3.	05/03/2022	Prof. (Dr.) J.P. Yadav, Director, Amity Law School, Amity University, Lucknow, U.P.	The Role of Personal Liberty in the Ambit of Article 21 of the Indian Constitution

Details of the memorandum of Understanding signed with national/foreign Institutions

0 MOU with Indian Law Institute, Delhi, Department Contemporary and Tribal Customary Law (DCTCL), Central University of Jharkhand and Dr. Shakuntla Mishra National Rehabilitation University, Lucknow (under process)

Co-curricular/Extra-curricular/sports Activities:

0 Online Meeting Students-Parent-Teacher-Interaction on 28/02/2022, topic- Feedback on student‘s progress.

Visitors of department from inside the Country:-

0 Prof. (Dr.) Rakesh Kumar Singh, University of Lucknow, Lucknow
I Prof. D. K. Mishra, Faculty of Law, BHU, Varanasi
II Prof. S. K. Bhatnagar, Hon‘ble Vice Chancellor, Dr. RMLNLU, Lucknow
III Prof. Ved Kumari Hon‘ble Vice Chancellor NLU Orissa
IV Smt. Manan Chaturvedi Former Chairperson State Child Rights Commission Rajasthan
V Prof. (Dr.) Vibhuti Patel Ex.-Professor, Tata Institute of Social Science & SNDT Women‘s University, Mumbai; Vice President, Indian Association for Women‘s Studies
VI Prof. A. K. Awasthi Former Faculty & Head, Faculty of Law University of Lucknow, Lucknow
VII Prof. S. K. Pandey Head, Dept. of Political Science BBAU, Lucknow
VIII Prof. (Dr.) Rakesh Chandra Dept. of Philosophy University of Lucknow, Lucknow
IX Prof. Deepa H. Dwivedi Dept. of Horticulture, SAST, Chairperson, ICC, BBAU, Lucknow
X Prof. Venkatesh Dutta Dept. of Environmental Science School of Earth & Environmental Sciences, BBAU, Lucknow
XI Prof. (Dr.) Nishtha Jaswal, Hon‟ble Vice Chancellor, Himanchal Pradesh National Law University, Shimla

Visitors of Department from Outside the Country :-

0 Prof. (Dr.) Antonietta Elia, Senior Associate Fellow in Law, University of Santiago de Compostela, Spain.
I Dr. Saslina Kamaruddin, Associate Professor, Sultan Idris Education University, Malaysia

Members/fellowship of Professional/Academic bodies/editorial board:

Prof. Priti Saxena:

0 Life Member, Indian Law Institute, New Delhi
I Life Member, Indian Association For Social Sciences And Health, Mumbai
II Life Member, Indian Institute of Public Administration, New Delhi
III External Member NAAC Committee of Dr. Shakuntala Mishra National Rehabilitation University, Lucknow
IV Member, School Board, School of Law & Governance, Central University South Bihar, Gaya
V Member, Faculty Board, Faculty of Law, Aligarh Muslim University, Aligarh.

Member, Faculty Board, Faculty of Law, DDU Gorakhpur University, Gorakhpur
Member, Faculty Board, Dr. RPKUIL, Kumaun University, Nainital, UK
Member, Board of Studies in Law, Tezpur University Central University, Assam
Member Board of Studies in Law, Kanpur University, Kanpur
Member Board of Studies in Law Dr. Ambedkar Law University, Tamil Nadu, Chennai.
Member Board of Studies in Law and Management in Nirma Univeristy, Ahmedabad, Gujarat
Member Board of Studies in Law, M.J.P. Rohilkhand University, Bareilly.
Member Board of Studies in Law, SGT University, Gurugram,
External Member, Research Degree Committee, Dr. Ram Manohar Lohia National Law University, Lucknow
Member DRC, Amity Law School, Amity University, Lucknow
Member DRC, Amity Law School, Amity University, Gurugram
Chief Editor Journal for Legal Studies an International Journal of Legal Studies (ISSN 2321-1059)
Member, Advisory Board, TISS Journal, Mumbai
Member National Advisory Board, ‗UNIVERSITAS' An International Peer Review Journal ISSN 2229-5542
Member Editorial Board, JIMS JOURNAL OF LAW, ISSN : 2581-6837
Member Advisory Board, Shodh Prerak, A Multidisciplinary Quarterly International Refereed Research Journal, ISSN 2231 – 413X
Member Editorial Board, Shodh Pravah, A Refereed Research Journal, (ISSN 2231 - 4113)
Member Editorial Board, Emerging Researcher (ISSN 2348-5590)
Member Editorial Board, Ad Valorem (ISSN 2348-5485)

Prof. Preeti Misra:

Peer Team Member UGC, NAAC, Bangalore
Member School Board, Central University of Punjab, Bhatinda
Member of Board of Post Graduate Studies (BPGS), Dept of Law, Sikkim University, Gangtok
Research Degree Committee Member of P.G. Dept. of Law, Sambalpur University, Burla, Orissa
Member Research Advisory Committee, Dept. of Law, Tripura University, Agartala.
Life member of Indian Society of Criminology (ISC), Chennai(Membership No. 1324)
Life member of Indian Society of Victimology (ISC), Chennai
Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay(Membership ID 292)
Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (Membership No. L85)
Life member of Vidhi Bharti Parishad, New Delhi, (Membership No. 185)
Ordinary member of Indian Law Institute, New Delhi, (Membership No. O 4089)
Associate member of Indian Society of International Law. New Delhi, (Membership No. A45)
Member of Academic Council, BBAU
Member of Editorial Board of —The Legal Analystll published from Varanasi(UGC Recognized)

Dr. Shashi Kumar:

Life Member, Indian Academy of Social Science, Allahabad.

Dr. Rashida Ather:

- Life Member, Indian association for Social Sciences and Health
- Life Member, Indian Academy of Social Sciences, Allahabad
- Member of Institutional Ethics committee for stem cell research and Therapy, Department of Stem cell and regenerative medicine, Sushma Hospital , Lucknow.

Dr. Rashwet Shrinkhal:

- Editorial Board, The Oriental Anthropologist [Sage Publication].

Details of Books Chapter in edited volume:

Prof. Priti Saxena:

- Written Chapter for LLM correspondence course on International Law and Human Rights for University School of Open Learning Punjab University.
- Written Chapter for LLM correspondence course on Constitutional Law of India for University School of Open Learning Punjab University.

Prof. Preeti Misra:

- Book Chapters for School For Social Sciences, IGNOU , Graduation Programme BPAE-141 Right To Information (published in July 2021Available at https://egyankosh.ac.in/handle/123456789/57585

Chapter: Details for Right to Information (BPAE 141)

Block 1 Right to Information: An Introduction

Right to Information: Evolution, Concept, Achievements and Limitations

Block 2 The Right to Information Act, 2005

Unit 2 The Right to Information Act, 2005: An Overview

Unit 3 The Right to Information Rules

Unit 4 The Central Information Commission

Unit 5 The State Information Commission

Block 3 Implementation of the Right to Information Act, 2005: Issues and Challenges

Unit 9 Role of Media

Unit 10 Role of Civil Society Organisations

Block 4 Towards Governance through Right to Information: Initiatives and Impact

Unit 15 Bridging the gap between Rights and their Enforcement

Introductory Chapter in —International Organizationsǁ (Ed) Dr P.K. Pandey and Pramod Tiwari, Chanakya Book Publishers, Varanasi. First Edition 2021, Pp1-10 ISBN: 978-81-947173-3-1 (Co Author).

Dr. Shashi Kumar:

- "Status of Sanitation Workers during the Pandemic COVID-19" in a book "Socio-Economic and Health Problems during COVID-19 Pandemic" edt. by Ram Krishna Mandal, RP Publication, New Delhi, 2021.

Dr. Ajay Kumar Singh:

- —**Religion of India**ǁ Kripa Drishti Publications, Pune, 2021, ISBN: 978-93-90847-48-8.

Paper Published during the year by the faculty members :-

Prof. Priti Saxena:

- Technological Advancements: Enriching or Violating Human Rights? Published in English **Journal of National Human Rights Commission**, 2021, (UGC Care List at Sr. No. 46) ISSN No- 0973-7596

I _Impact of Accelerated Use of Technology during Covid-19 Pandemic on Human Rights' in **Indian Bar Review,** VOLUME 48 JANUARY – JUNE 2021 NUMBER 1 & 2, pp. 1-12

II Technology and Robo-Judges: Prof. Priti Saxena, Department of Human Rights, BBAU, Lucknow Admin | Updated on:19 March 2022 12:39 PM **https://bachpanexpress.com/higher-education/technology-and-robo-judges-prof-priti-saxena-department-of-human-rights-bbau-lucknow-808798?infinitescroll=1**

Prof. Preeti Misra:

0 —Covid 19 & Migrant Workers: A Subtle Sectorll in International Journal of Creative Research Thoughts, Vol 8 Issue 12, December 2020 (**ISSN 2320-2882**) (Co-Author)

Dr. Ajay Kumar Singh:

0 —Knowledge about menstruation among the girls before attaining Menarche (Pre-Menarche)ll, Journal of Innovations, EISSN No. 19650256 Paper Number 23188, 01st April, 2021.

Attended/participated in Conferences/seminar/workshop inside Country:

Prof. Priti Saxena:

0 Delivered Chief Guest address in Valedictory Session of International Symposium on _Rethinking Environment Sustainability in Modern Era', organised by Delhi Metropolitan Education, GGSIP University, New Delhi on 26 March 2022. https://youtu.be/ovqvfvnUNLQ

I Participated in IP Awareness/Training Program under National Intellectual Property Awareness Mission, organised by Intellectual Property Office India under the Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, Office of the Controller General of Patents, Designs and Trademark on 11th February 2022.

II Chaired a technical Session on the theme 'Gender Equality & Women Empowerment: Issues and Challenges, in the National Seminar organised by Department of Sociology University of Allahabad in blended mode on 15 March, 2022 on the topic 'Environmentalism, Gender Justice and Sustainability in Contemporary India: Issues and Concerns' https://youtu.be/4S6DDX6mlV0

III Addressed as Patron of National Webinar organised by Department of Human Rights, School of Legal Studies on Voters' Awareness on 25 January, 2022. https://youtu.be/Wqe60kUCWTw

IV Addressed as Patron of National Webinar organised by Department of Human Rights, School of Legal Studies in National Webinar on Webinar on 'Equal Chance for Equal Future' on Girl Child Day on 24 January, 2022. https://youtu.be/t2KGWjg_cuw

V Guest of Honour and Resource Person on 'Access to Justice for Person with Disability-A Legal and Human Rights Perspective' in 5th National Conference on Disability, Accessibility, Inclusion, and Well-being' (Date: 16-18th December 2021), organized by I Access Rights Mission, Centre of Disability Studies and Action, Tata Institute of Social Sciences, (TISS), Mumbai on 18th December 2021. https://youtu.be/vydwET3dyFk

VI Delivered lecture as Patron in International Conference (Online) on _Advancing Human Rights in 21st Century', organised by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on 10 December 2021, and spoke on _Updating Human Rights -Need of 21st Century' https://youtu.be/SWJa__t-0BM

VII Delivered Welcome Speech as patron in the National Webinar on —Language policy in India: Issues and Challengesll organised by Department of Human Rights and NCC Unit Babasaheb Bhimrao Ambedkar University on September 20th, 2021. https://youtu.be/Zcza7Tg4fQo.

Prof. Preeti Misra:

As Director National Webinar on —Language Policy in India: Issues & Challengesǁ (Online) on 20 September 2021,https://youtu.be/Zcza7Tg4fQo

As Director International Conference (Online) on the topic —Advancement of Human Rights in the 21st Centuryǁ on International Human Rights Day 10th December 2021.https://youtu.be/0dt4KP_fcMU

As Director National Webinar on National Girl Child Day on the topic —Equal Chance for Equal Futureǁ on 24th January 2022,https://youtu.be/7iUipl7rMFs

I) As Director National Webinar on National Voter‘s Day on the Topic —Voter‘ Participation in Good Governance; Issues and Challengesǁ on 25th January 2022,https://youtu.be/A32YjF1U_7M

As Director one day National Webinar on the theme —Gender Equality Today for a Sustainable Tomorrowǁ to Commemorate International Women‘s Day8th March 2022.https://youtu.be/3pHbsf2e9AU

Dr. Shashi Kumar:

Keynote speaker in National Webinar on World Human Rights Day, organized by Department of Political Science, Mahatma Gandhi Central University, Motihaari, on 10th December 2021

Theme addressed in International Conference on International Human Rights Day, organized by Department of Human Rights, BBAU on 10th December 2021

Chief Guest address in webinar organized by Govt. College, Narwar, Shivpuri, MP. on 10th December 2021

One day national webinar on equal chance for equal future held on 24th January, 2022 organised by DHR, SLS, BBAU

One day national webinar on voter‘s participation in good governance: issues and challenges held on 25th January, 2022, organised by DHR, SLS, BBAU

Participated in online PTM, held on 28/02/2022, organised by DHR, SLS, BBAU

One day national webinar on Gender equality today for a sustainable tomorrow held on 8th March, 2022, organised by, Department of Human Rights, SLS, BBAU.

Dr. Rashida Ather:

Participated in national webinar on Language Policy in India: Issues and Challenges held on 20th September, 2021 organised by DHR, SLS, BBAU

Participated (as organiser) in online special lecture on E- Consumer Protection under CPA, 2019 held on 12th October, 2021, organised by DHR, SLS, BBAU

One day International online Conference on Advancement of Human Rights in 2ist Centuary held on 10th December, 2021 organised by DHR, SLS, BBAU

Participated in online celebration of University Day on 10th January, 2022 on Rocking the Boat: Dr. Ambedkar among his Contemporaries, organised by BBAU, Lucknow

One day national webinar on equal chance for equal future held on 24th January, 2022 organised by DHR, SLS, BBAU

One day national webinar on voter‘s participation in good governance: issues and challenges held on 25th January, 2022, organised by DHR, SLS, BBAU

Participated in online PTM, held on 28/02/2022, organised by DHR, SLS, BBAU

One day national webinar on Gender equality today for a sustainable tomorrow held on 8th March, 2022, organised by, Department of Human Rights, SLS, BBAU.

One week workshop on intellectual property rights, held on 28/03/2022-01/04/2022, organised by department of Law, SLS, BBAU, Lucknow in collaboration with CIPAM.

Dr. Ajay Singh Kushwah:

- **0** Co-Organizing Secretary on One Day National Webinar on —Equal Chance for Equal Futurell held on 24th January, 2022 organised by DHR, SLS, BBAU
- **I** Co-Organizing Secretary on One Day National Webinar on National Voter's Day on the topic —Good Governance: Issues and Challengesll held on 25th January, 2022, organised by DHR, SLS, BBAU
- **II** Participated in online PTM, held on 28/02/2022, organised by DHR, SLS, BBAU
- **III** Co-Organizing Secretary on One Day National Webinar on —Gender equality today for a Sustainable Tomorrowll held on 8th March, 2022, organised by, Department of Human Rights, SLS, BBAU.

I **Dr. Rashwet Shrinkhal:**

- **0** Completed, twelve weeks online course on —Right to Information and Good Governancell, organized by IIT Madras and SWAYAM (2021).
- **I** Participated in online PTM, held on 28/02/2022, organised by DHR, SLS, BBAU
- **II** Co-Organizing Secretary on One Day National Webinar on —Gender equality today for a Sustainable Tomorrowll held on 8th March, 2022, organised by, Department of Human Rights, SLS, BBAU.
- **III** Invited to Chair the Technical Session of the National Seminar on "Religious Rights of Women and Human Rights in 21st Century" at the NUSRL, Ranchi on 11th December 2021.

Attended/participated in Conferences/seminar/workshop outside Country:-

0 **Prof. Priti Saxena:**

- **0** Presented a paper in Legal Education Research Conference organized by University of New South Wales, Law & Justice UNSW Sydney, Australia on 27 November 2021 IST 5:45 a.m., on 'Impact of COVID-19 on Teaching-Learning Process on Legal Education in India' . https://youtu.be/Edb36i2HA64
- **I** Keynote Speaker in the International Conference organized by Business Law Department, Law Faculty, Lomonosov Moscow State University on 'Role of AI and Digital Technologies in Achieving the SDGs: Legal Issues' on 25 November 2021. https://youtu.be/meaRE6a7MpA
- **II** Presented a paper as resource person on 'Resolving Differences through Understanding: The Role of Women' on October, 31st, 2021, in the First Annual Conference organised by Office for National Unity and Reconciliation, Sri Lanka held on 'Resolving Differences through Understanding: Sustainable Peace, security and Reconciliation in Modern Society. https://youtu.be/XPAhGHNoJFg

Consultancy works:-

- **0** Legal Aid Clinic provides free legal consultancy.

Details of invited lectures inside country:-

0 **Prof. Priti Saxena:**

- **0** Delivered Lecture on Citations and Research Ethics in 3-day Workshop on —Legal Research Methodologyll organised by Law Department Tejpur Central University, Tejpur on 23 March 2022. https://youtu.be/nUOVuLDQY3M
- **I** Delivered Lecture on Identification and Formulation of Research Problem in 3-day Workshop on —Legal Research Methodologyll organised by Law Department Tejpur Central University, Tejpur on 21 March 2022. https://youtu.be/hq6QUSzRibI
- **II** As Resource Person delivered on the theme 'Gender Equality & Women Empowerment: Issues and Challenges, in the National Seminar organised by Department of Sociology University of Allahabad in blended mode on 14-15 March,

2022 on the topic 'Environmentalism, Gender Justice and Sustainability in Contemporary India: Issues and Concerns' https://youtu.be/4S6DDX6mlV0

Delivered Lecture on 'Women and Environment' as Guest Speaker in International Women's Day Program organised by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore, on March 8, 2022. https://youtu.be/BB8v7IP5o1A

Delivered Theme Note on 'Gender Equality Today for Sustainable Tomorrow' in International Women's Day National Webinar organised by Department of Human Rights, SLS, Babasaheb Bhimrao Ambedkar University, Lucknow on March 8, 2022. https://youtu.be/kGe1rj3bT8A

Delivered Lecture in International Women's Day Program organised by KIITS, Bhuvneshwar on 'Issues and Challenges for Women Empowerment in Contemporary World.' And addressed as Guest of Honour on March 8, 2022, https://youtu.be/tyGknxZXKEE

Delivered a lecture on Formal Equality to Substantive Equality under the Constitution of India-Issues and Challenges as Keynote Speaker in One Week Program on Constitutional Law Lectures organised by Amity Law School, Amity University, Lucknow on 1st March 2022. https://youtu.be/REJIGyDNZk0

Delivered a lecture as Resource Person on Human Rights Evolution in Faculty Induction Program organised by UGC HRDC, Kumaun University, Nainital on 23 February, 2022 https://youtu.be/768dlRow9so

Delivered a lecture as Resource Person on Fundamental Duties and their Enforceability‘ in Faculty Induction Program organised by UGC HRDC, Kumaun University, Nainital on 23 February, 2022 https://youtu.be/byYlgW-QeCw

Delivered lecture as Resource Person on 'Strategies and Steps in Research Process' in Online Refresher Course on 19th February 2022. The Refresher Program is jointly organised by Centre for Teacher Education under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), The Central Institute of Higher Tibetan Studies (Deemed University) Sarnath, Varanasi, Faculty of Law, C M P Degree College, University of Allahabad, Prayagraj & Droit Penale Group a Unit of Arjun Das Gulati Memorial Society, Prayagraj. https://youtu.be/cam3tY25DVM

Delivered lecture as Resource Person on —Gender Sensitisation in Education: Prevalent Issues‖ in Short Term Course on _Gender Sensitisation in Education‘ (18-24 January 2022) organised by UGC HRDC Dr. Hari Singh Gour Vishwavidyalaya, Sagar on 22 January 2022. https://youtu.be/pkzPV0COTR4

Delivered lecture as Resource Person on —Research Ethics and Plagiarism‖ in Faculty Development Program on _Teaching Pedagogy and Research Skills in Legal Studies‘ (17-22 January 2022) organised by Birla Global University, Bhubneswar on 22 January 2022 https://youtu.be/cv7nLjG9sGA

Delivered lecture as Resource Person on —Strengthening Governance Under Part IV of the Indian Constitution‖ in Refresher Course in Social Science on _Democracy, Governance and Public Policy in India‘ (15-29 January 2022) organised by UGC HRDC Jodhpur on 17 January 2022. https://youtu.be/fQzdHMFfspA

Delivered lecture as Resource Person on _Access to Internet as a Human Rights' in Short Term Course organized by UGC-HRDC, Kumaun University, Nainital on 27th December, 2021 https://youtu.be/aIa6fs5cqig

Delivered lecture as Resource Person on _Human Rights, Technology and Right to Internet Access,' in Short Term Course organized by UGC-HRDC, Kumaun University, Nainital on 27th December, 2021 https://youtu.be/ZJYsX39vy_Q

Delivered a lecture as Resource Person on 'Access to Justice for Person with Disability-A Legal and Human Rights Perspective' in 5th National Conference on Disability, Accessibility, Inclusion, and Well-being' (Date: 16-18th December 2021), organized by I Access Rights Mission, Centre of Disability Studies and Action, Tata Institute of Social Sciences, (TISS), Mumbai on 18th December 2021. https://youtu.be/vydwET3dyFk

Delivered a special lecture on 'Equality and Empowerment Through Human Rights' in National Law University and Judicial Academy Assam on December, 10. 2021. https://youtu.be/VzBFVhTMat8

Delivered guest lecture on ‗Interpretative Theories of Constitutional Construction' on 26 November 2021 in Sister Nivedita University, Kolkata on the occasion of Constitution Day. https://youtu.be/seJUQXiporU

Delivered lecture as Key Speaker on ‗A Capsule View on the Constitution of India' in the Webinar organized by GST Section UP for Lucknow, Agra and, Aligarh officials under Azadi ka Amrit Mahotsav (AKAM) event on Constitution Day on the theme ‗Constitution day of India (Ideas, Achievement & Resolve), on 26 November, 2021. https://youtu.be/J6b_h5zf0bw

Delivered lecture as Resource Person in Refresher Course for Law Teachers organised by UGC- HRDC Himachal Pradesh University, Shimla on the topic 'Technology and Human Rights' on 12th November 2021. https://youtu.be/WNwvBh0k7gY

Delivered guest lecture on ‗Gandhian Ideologies and the Constitution of India' on 11th November, 2021, in Amity Quiz Competition and Guest lecture on the Life of Mahatma Gandhi organised by Amity Law School, Amity University, Lucknow. https://youtu.be/KGnxWGeaEBU

Addressed as Chief Guest in the 3rd Amity Online Quiz on Constitutional Law, and spoken on the topic 'Role and Relevance of the Constitution in Present Scenario'. organised by Amity Law School, Lucknow on 30th September, 2021.

Delivered lecture on ‗Research Innovation and Ranking' on Social Media Platform of Babasaheb Bhimrao Ambedkar University, Lucknow on 25th September, 2021 https://www.facebook.com/bbauSocmedia/videos/333966765149200

Delivered lecture on ―Language Policy under Constitution of India‖ in the National Webinar on ―Language policy in India: Issues and Challenges‖ organised by Department of Human Rights and NCC Unit Babasaheb Bhimrao Ambedkar University on September 20th, 2021. https://youtu.be/Zcza7Tg4fQo

Delivered a Lecture as Resource Person on ‗Basics of Effective Advocacy Skills' in two Days lecture series organised by Faculty of Law, University of Lucknow on September, 5th, 2021

Delivered a Lecture as Resource Person on ‗Selection, Identification and Formulation of Research Problem' in FDP organised by SGT University, Gurugram on 25th August, 2021 https://youtu.be/YYjXbZ8YDQs

Delivered a lecture as Resource Person on Concept, Origin and History of Fundamental Duties in Faculty Induction Program organised by UGC HRDC, Kumaun University, Nainital on 29 July, 2021. https://youtu.be/gfS9ekJyoTw

Delivered a lecture as Resource Person on Analysis of Fundamental Duties-Importance & Ambiguity in Faculty Induction Program organised by UGC HRDC, Kumaun University, Nainital on 29 July, 2021. https://youtu.be/7bb4u8UjXGU

Delivered a lecture as Resource Person in the 14 days National Faculty Development Programme on Emerging Techniques of Teaching & Learning Law in the 21st Century organised by Law College Dehradun, Uttaranchal University on the topic 'Effective Assessment and Evaluation of Students' performance in Law Teaching' on 16 July, 2021 https://youtu.be/B_hPoCLd2Jo https://youtu.be/CUDsB7G5yBY

Delivered lecture as eminent Guest Speaker on "Legal Education and Role of BCI under National Education Policy-2020" in 3rd National FDP on "New Paradigm in Legal Education and Teaching Methodology" organised by Amity Law School, Amity UniversityLucknow(21-27June,2021)on26June2021. https://youtu.be/swqGYKfMbKE

ee) Delivered lecture on ―Legal Research and Major Stages of Research‖ as resource person in Faculty Development Program (4-9 June 2021) on 'Advance Research Methodology' organised by Sardar Patel Institute of Law Swami Vivekanand Subharti University, Meerut on June 6th, , 2021. https://youtu.be/wpQnDzGqe9Y

Delivered a lecture on ―NEP, Legal Education and Bar Council of India‖ in National webinar on "Future of Legal Education under NEP 2020" organised by Sardar Patel Institute of Law Swami Vivekanand Subharti University, Meerut on May, 25, 2021. https://youtu.be/gSssUuDF0Q4

Delivered lecture on Human Rights of Women & Transgender in faculty Development Program conducted by Himachal Pradesh National Law University, Shimla, on April 7, 2021. https://youtu.be/yEY18QinBeM

Delivered lecture on Techniques of Law Teaching & Online Teaching: A Challenge for Teachers, in the Refresher Course for Law Teachers organised by HRDC, D.D.U.Gorakhpur University on 6 April, 2021.
https://youtu.be/ndRwRXjyx2Y

Delivered lecture on Right to Information and Good Governance in the Refresher Course for Law Teachers organised by HRDC, D.D.U.Gorakhpur University on 5 April, 2021. https://youtu.be/VrOx-t7yDO0

Prof. Preeti Misra:

—Administration of Criminal Justice, Covid-19 & Vulnerable Groups,‖ Graphic Era University, Dehradoon 11 May 2021, https://youtu.be/XH7tC_ZJDus

"Impact of Globalisation on Human Rights: Contemporary Concern" in the Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow on 9th July 2021https://youtu.be/5tKzN338gq4(Online)https://youtu.be/5tKzN338gq4

—Dispensation of Justice to Vulnerable Sections of Society: Issues & Challenges Emerging Out of Corona Crisis‖ online lecture delivered in Chota Nagpur Law College, Ranchi on 13 August, 2021(Online)

—Women and Human Rights‖ in UGC HRDC,Ranchi University, Ranchi refresher course in law, on 9th September, 2021(Online)

—Administration of Criminal Justice and Human Rights‖ UGC HRDC refresher course in law, Ranchi University, Ranchi on 13 September, 2021(Online)

—Changing Dimensions of Socio-Economic Justice to Women in India‖ UGC HRDC refresher course in law, Sagar University, M.P. on 24 November, 2021(Online)

—Reducing Inequalities, Advancing Human Rights‖ in Amity Law School, Lucknow Campus on 10th December 2021 on the occasion of International Human Rights Day (Online)https://youtu.be/SqPKp6-T3DE

—Acid Attack: A New Face of Gender Based Violence‖ in Maharaja Agrasen University, Solon, Chandigarh sponsored by NCW on 11 December 2021(Online)https://youtu.be/gCa-Rkoa2_g

Delivered a live talkOn 28 December 2021 on the topic "Women and Human Rights" for Global Education and Training Institute, Lucknow, https://fb.watch/abRVx7LLuN/

Delivered an invited talk on the topic "Personal Capacity Building" in the Capacity Building & Personality Development Programme jointly organized by Maharaja Agrasen University and National Commission for Women . (Online)

Delivered a lecture as resource person on the topic "Women Rights in Property" in "Sanmantrana 2022 "A Multidisciplinary Online International Congress organized by Shri Vaishnav School of Law/Institute of Law, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore on "Reimagining the world: Transforming Challenges into Opportunities" sponsored by St. Cloud State University, USA(Online)

invited to speak on "Settlement of Matrimonial Disputes" in an Awareness Programme organized by Centre of Excellence Faculty of Law, the University of Lucknow on 22 January 2022.

delivered an invited Lecture on the topic "Research, Plagiarism and Academic Integrity " in the Refresher Course on Research Methodology organized by UGC-Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur on 22 February 2022.

delivered a lecture on "Protection of Women From Sexual Harassment (Prevention, Prohibition and Redressal) Act 2013"in Capacity Building Programme for all Staff organized by ICAR-Indian Institute of Sugarcane Research Lucknow.

Prof Preeti Misra, Dept. of Human Rights delivered a lecture on 28.03.2022 in a webinar on Capacity Building and Personality Development Programme, Sponsored by National Commission for Women, Govt of India and Organized by Faculty of Engineering and Technology, Khwaja Moinuddin Chisti Language University, Lucknow, U.P.

Prof Preeti Misra, Dept. of Human Rights delivered a lecture on 30.03.2022 in an online Capacity Building and Personality Development Programme, Sponsored by National Commission for Women, Govt of India and Organized by Maharaja Agrasen University, Baddi, Chandigarh

Dr. Rashwet Shrinkhal:

Invited Speaker to deliver a Lecture on the topic, — Rights of Scheduled Tribes at Indian Constitutionll, organized by the UGC-HRDC, Ranchi on 26 August 2021.

Invited Speaker to deliver a Lecture on the topic, — Indigenous Peoples in International Law: An Analysis from FWAIL Perspectivell, at the Department of Contemporary and Tribal Customary Law, Central University of Jharkhand, 29th March 2022.

Invited Speaker to deliver an E-Lecture on the topic, — Indigenous Peoples and Climate Changell, organized by the Indian Society of International Law, Delhi, 09 March 2022.

Details of invited lectures outside country:-

Prof. Priti Saxena:

Delivered lecture on —Gender Justice- Human Rights Perspectivell in 14 Weeks Capsule Style Intensive Training Program for Capacity Building of Judges from Bhutan on 19 May 2021 organised by NLU Jodhpur & Indian Technical and Economic Cooperation , Ministry of External Affairs, Government of India. https://youtu.be/h0jnP3_x2_s

Delivered a lecture on 'Disability and Human Rights: Health Issues and Protection Policies' as Resource Person on July ,10th, 2021, in International FDP on Changing paradigms on Human Rights in a Globalised world (6-20 July2021), organised by Faculty of Law, Integral University, Lucknow. https://youtu.be/2fe5AKlfyFA

Dr. Rashida Ather:

Paper presented in online international conference on Gender Equality and women empowerment- Breaking the Bias held on 7th - 8th March, 2022 on topic on Impact of Covid 19 on right to health of disabled women in India, organised by University College for women, Koti, Hyderabad.

18. Students Achievements:-

(i) Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	26
Number of Student selected in Civil Services	00
Number of Students pursuing higher studies	02
Number of student selected on other government jobs/banking/school/teaching etc	03+
Number of Students placed through campus interview	NA
Number of Students awarded SLET/NET/JRF/RGNF/ any other fellowship	04 (NET)

Ph.D. Awarded during the year:

S. No.	Name of Ph.D. Students	Supervisor	Title	Fellowship availed/availing	Remarks
1.	Mr. Arun Kumar Mishra, Department of Law	Prof. Priti Saxena	Legal Protection and Status of Differently Abled Persons in India: A Study f Higher Educational Institutions in Lucknow, Uttar Pradesh	--	Ph.D. Award on 10/08/2021
2.	Ms. Sweta Rani, Department of Law	Prof. Priti Saxena	Physical Violence Against Women and Compensatory Jurisprudence with Special Reference to Acid Attack Victims Working in Sheroes Cafés of Uttar Pradesh	--	Ph.D. Award on 27/12/2021

	Ms. Manjari Rawat	Retd. Prof. S.K. Bhatnagar	Lok Adalats In India With Reference To The Study Of Lok Adalats In Lucknow Since 2010	RGNF	Ph.D. Award on 06/07/2021
4.	Mr. Pramod Kumar	Dr. Rashida Ather	Legal Protection of Refugees: A Study in National and International Human Rights Perspectives	RGNF	Ph.D. Award on 24/03/2021
5.	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. Award on 10/08/2021
6.	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. Award on 10/08/2021
7.	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	Ph.D. Award on 04/03/2022
8.	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	Ph.D. Award on 04/03/2022

(iii) Ph.D. Submitted during the year:

S. No.	Name of Ph.D. Students	Supervisor	Title	Fellowship availed/availing	Remarks
1.	Shalini Singh Tomar	Prof. Priti Saxena	Access to Justice.	UGC- Non NET Fellowship	Department of Law

(iii) Ph.D. student"s pursuing:

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	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	
2.	Prashant Tripathi	Prof. Priti Saxena	Dr. Shashi Kumar	A Study of Technological Developments and Changing Dimensions of Law with Special	UGC- Non NET Fellowship	

				Reference to Autonomous Systems and Artificial Intelligence		
3.	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	
4.	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	
5.	Jitendra Kumar Saroj	Prof. Preeti Misra	Dr. Shashi Kumar	lkekftd dqçFkk,a] vU/kfo'okl vkSj efgyk ekuokf/kdkj% tkSuiqj ftys ds lUnHkZ esa ,d lkekftd ,oa fof/kd v/;;u	UGC- Non NET Fellowship	
6.	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	
7.	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	
8.	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	
9.	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	
10.	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	

11.	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
12.	Deepak Yadav	Dr. Shashi Kumar	-	Title is not decided to yet time	UGC- Non NET Fellowship	

LL.M. Dissertations (Equivalent to M. Phil)
Awarded in June 2021

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	ि◌मानन्नरदृवय मेंमहहरा्औकी विर्धक प्रजस्थनि: एक समग्र अिरोकन
15.	Shivani	Dr. Rashida	Dr. Rajeev	Women's rights to divorce and property

		Ather	Kumar Singh	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	महहरा एिउनकेमानिार्धकार
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

Work in progress

Sl. No	Name of Students	Supervisor	Broad Area of Research	
1.	Shailja Shukla	Prof. Preeti Misra	Decriminalization of politics.	Consumerism
2.	Praveen Prakash Patel	Prof. Preeti Misra	Role of Judiciary in Protection of Right to Life and Personal Liberty	Critical analysis on Capital Punishment in India
3.	Prashant Chauhan	Prof. Preeti Misra	An analytical study of Rape laws in India with special reference to marital Rape	Right to food
4.	Abhishek Tripathi	Prof. Priti Saxena	Right to Health as Human Rights with Special Reference to COVID-19	Critical Analysis of Preventive Detention Laws in India & Its Misuse
5.	Anurag Srivastav	Prof. Preeti Misra	Penology- Reformative Theory (Socio Legal Study)	Human Rights Issues during COVID Pandemic

6.	Beauty Kumari	Prof. Preeti Misra	Is LokAdalat effective for Speedy Justice in India	Domestic Violence against Women in India
7.	Manish Pandey	Dr. Shashi Kumar	Practice of Dowry & Laws against it in INDIA	Untouchability & Laws against this in human Practice in India
8.	Anand Kumar Gupta	Prof. Preeti Misra	LGBTQ	Women's Rights
9.	Rohit Kumar Chaubey	Dr. Rashida Ather	Custodial Torture in India: A Human Right Perspective	Impact of COVID-19 on Human Rights in India
10.	Shivani Shukla	Prof. Priti Saxena	A Critcal Study of Cortoon Controversies Viz a Viz Freedom of Speech and Expression	Data Protection with Reference to Privacy
11.	Digvijay	Dr. Shashi Kumar	" An Analytical Study of Police Reform in India Challenges & Opportunities with Justice System "	—Law Relating to Domestic Violence In India With Special Reference to Protection of Women from Domestic Violence Act 2005‖
12.	Aprajita Apurva	Prof. Priti Saxena	Marital Rape: An Indignity to Women	Surrogacy Laws in India: With Special Reference to Surrogacy Regulation Bill, 2020
13.	Shivangi Rastogi	Prof. Priti Saxena	Acid Attack on Women in India and Laws for their Rights	Rights of Accused in India
14.	Shiv Mohan Solanki	Dr. Vijay Kumar Bhaskar	Public Interest Litigation	Basic Structure of Indian Constitution
15.	Himanshu Chaudhary	Dr. Shashi Kumar	Provision related to Domestic Violence Act, 2005	Provision related to SC/ST Act, 1989
16.	Mayank Singh	Dr. Shashi Kumar	Free Speech	Uniform Civil Code
17.	Km Yogita	Dr. Rashida Ather	Disability Laws in India	Domestic Violence against Women in India
18.	Vikash Kumar	Dr. Vijay Kumar Bhaskar	Socio Legal Problems of Refugees in India	Dalit & Tribal,
19.	Suraj Kumar	Prof. Priti Saxena	Problem of Children's Education in COVID Period	Child Labour
20.	Sandeep Kumar Sonkar	Dr. Vijay Kumar Bhaskar	Custodial Voilence	Citizenship
21.	Km Neetu Bharti	Dr. Vijay Kumar Bhaskar	Right to Food in International Law:Concept and Mechanism	Socialism and Human Rights
22.	Pankaj Kumar	Dr. Vijay Kumar Bhaskar	Freedom of Press and Expression	Right of LGBTQ
23.	Kaushal Kishor	Dr. Vijay Kumar Bhaskar	Women's Rights National AND International Perspective	Right to Information
24.	Indra Mani Ram	Prof. Priti Saxena	Human Rights of Arrested Person: An Study in the Light of D.K. Basu Judgement and its Current Impact in the Lucknow City.	Human Rights Law and Policy ON Refugee Critical Study

			Laws Relating To Custodial Violence In India : Role of The Indian Judiciary In Making Human Rights Jurisprudence.	Access to Human Rights and Justice Through Constitution and Judiciary : A legal Study of Custodial Violence and Torture In India.
25.	Ajay Kumar	Dr. Rashida Ather		
26.	Ravi Kant	Dr. Rashida Ather	NA	NA
27.	Rashmee Verma	Dr. Shashi Kumar	The Five Tier System of India Administration Centre, States, District,Block and Panchayat Level	Domestic Violence
28.	Mukesh Kumar	Dr. Shashi Kumar	NA	NA
29.	Km Namita	Dr. Rashida Ather	A Journey of Women's 'Human Right	Right to Education
30.	Shubham Singh	Dr. Rashida Ather	Right to Bail with Special Reference to Article 21 of Constitution of INDIA: Assessing the Effectiveness and Applicability of Bail.	Terrorism in India and in World : Existing Law and Challenges.
31.	Avinash Kumar Rana	Dr. Vijay Kumar Bhaskar	NA	NA
32.	Amarendra Ray	Dr. Vijay Kumar Bhaskar	Refugees Crisis and India	Changing Nature of Crime in Technological Era
33.	Falak Kausar	Dr. Shashi Kumar	Recent Legal Developments	Protection of Human Rights
34.	Priya Kushwaha	Prof. Priti Saxena	A Study of Law on Sedition in the Light of Freedom of Speech and Expression Guaranteed by the Constitution of India.	Freedom of Religion in India: An Analytical Study
35.	Priyanshi Hirwani	Prof. Preeti Misra	Health and HR	Laws related to Women Rights
36.	Abesh Dasgupta	Dr. Rashida Ather	Right to Education of the Transgenders Community by India	Honour Killing

Google profile of the faculty members:-

Prof. Priti Saxena: Yes

Prof. Preeti Misra:

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN_F5JWi0nBOv_xOTaB0sZC5e8GBH05JsZrpNUQUQxcyL7LSkiuR-yFkQ5gJThJdXN2_KLp6Mtzsk77EzTx4gs9e5-zsMdbA&user=GSwyqPUAAAAJ

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

To evolve and impart comprehensive legal education and to achieve excellence.

To produce able, competent and humane, Teachers, lawyers, social activist, judicial officers, legal adviser in governmental and non-governmental organization.

To promote advance studies and research in all branches of law

- 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.

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.

Courses Offered:

0 LL.M. (Two Year Course)

I Ph.D.

II B.B.A. LL.B. (H) (Five Year Course)

Facilities available in the Department :

Computer Lab, Departmental Library & Moot court

Details of the faculty

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)

Prof. Sudarshan Verma
Professor,
Specialization: Constitutional Law, Law of Torts, Administrative Law, Women and Law
Qualification: LL.M., Ph.D. (Kumaun University, Nainital)

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)

Dr. Anis Ahmad
Assistant Professor
Specialization: Environmental Law, Jurisprudence, Intellectual Property Law
Qualification: LL.M. (AMU Aligarh) Ph.D. (MDU, Rohtak) (NET)

Dr. Pradeep Kumar
Assistant Professor
Specialization: Criminal Law, Administrative Law Intellectual Property Law
Qualification: LL.M. (BHU) Ph.D. (BHU) (NET)

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)

Details of the Seminar/Conference/Webinar organized by the Department:

- *0* National Webinar on Topic —Breaking the Shell of Ignorance,ll held on 8th March 2022, Organized by Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

Other Departmental Level Academic Activates:

- *0* Organized World Environment Day on 5th June 2021, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
- *I* Organized Legal Awarnasse Programme on 24th September 2021, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
- *II* Organized National Legal Services Day on 9th November 2021, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
- *III* Organized Orientation Program on 3rd January 2022, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.
- *IV* Organized a Special Online Lecture delivered by Prof Ahmed Naseem, Dean and Head Faculty of Law DDU Gorakhpur University Gorakhpur on Topic "Good Governance, Human Rights and Right to Know" Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on 24 February, 2022
- *V* IPR Awarenes Programme organized by the Department of Law in collaboration with Office of the Controller General of Patents, Design, and Trademark, Department for Promotion of Industrial and Internal Trade, Ministry of Commerce and Industry, Government of India, on 3rd January, 2022.

Organized World Wet Land Day on 2nd February 2022, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow.

Organized a Special online Lecture by Dr. V.G.Hegd, Professor & Chairperson CILS, SIS, Jawaharlal Nehru University, New Delhi on the topic *Emerging Global Regime of Intellectual Property Rights Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on 8th February, 2022

One Week Training Programme on Intellectual Property Rights organized by the Department of Law in collaboration with Office of the Controller General of Patents, Design, and Trademark, Department for Promotion of Industrial and Internal Trade, Ministry of Commerce and Industry, Government of India from 28th March 2022 to 1st April, 2022

Co-curricular/Extra-curricular/sports Activities:

Cultural Programs organized by students on various occasions like Teachers Day, Plantation etc;

Alumni meet are organized by Department of Law on Dated 24th March 2022

Members/fellowship of professional/ Academic bodies/editorial board

Prof. Sanjeev Kumar Chadha

- ***0*** Indian Society of International Law, New Delhi. Life Member, Membership No.- 385.
- ***I*** Indian Law Institute, New Delhi, Life Member, Membership No.- L-1726.
- ***II*** All India Law Teachers Congress, Member, Membership No.- 362.
- ***III*** Indian Social Science Congress, Till Life, Membership No.- LF/1038/214/2007.

Dr. Sufiya Ahmed

Life Member All India Rights Organization, Lucknow
Member, Editorial Committee, Azad Academy Journal.

Dr. Anis Ahmad

Life Member All India Law Teachers Congress, New Delhi
Member, Academic Council, BBAU,Lucknow. (28/12/2021).

Dr. Pradeep Kumar

All India Law Teachers Congress, Member, Membership Number - 429.

8. 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.

9. 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 "Sexual Harassment: Students Experience" in an edited book titled Women and Resistance: Breaking the Shackles edited by Sushmita Singh and Neelaksh Pithuria, March 2022, ISBN 13: 978-91-95263554, Peoples Literature Publication.

Dr. Pradeep Kumar

- First Author, (2021) —Judicial Activism Human Rights Through Constitutional Perspectivell, Human Rights and Justice under Constitution of India, Realizing the Promise for Ourselves Published by A.P.H. Publishing Corporation, New Delhi, ISBN - 978-93-89875-76-8, Page 177-189

Dr. Mujibur Rehman

- Anis Ahmad & Mujibur Rehman, (2021) —Child Protection and Welfare Legislations and Judicial Response in India: A Critical Analysis:ll 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)

10. Paper Published during the year by the faculty members-

Prof. Sudarshan Verma

Book Review, India's Legal System Can It Be Saved? (2017), published in Noida International University Journal, Volume-8 of 202, ISSN 2334-0298.

Recusal by the Judges: An Issue of Propriety Not Legality, Published in Kanpur Philosopher, Volume-8, Issue-2, December 2021, Page No. 203-215, ISSN 2348-8301.

c) dk egkekjh le; .k ljdkj dh ,d efgyk fof/k Hkkjrh] fnlEcj] 2021 109] ISSN 0976-0024.

d) Hkkjr xjhc dh f'k{kk ij egkekjh dk f'k{kk ekuo vf/kdkj ,d 10 fnlEcj 2021] ekuo vf/kdkj% Hkkjr] ekuo vf/kdkj ISSN 0973-7588.

(ii) Prof. Sanjeev Kumar Chadha

Chadha, Sanjeev Kumar, Second Author Topic "Development Induced Displacement in India" Published in Madhya Bharti , ISSN 0974- 0066, Issue - 81, Year 2021, July - December 2021, an UGC Care listed Journal, Group -C, (Multi Disciplinary) Sl. No.-15, Page 237- 250.

Chadha, Sanjeev Kumar, First Author " Communal Violence and Role of Police : Problems and Prospects" Published in "NIU International Journal of Human Rights " ISSN: 2394 – 0298, Volume 8 (III), 2021, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 257 - 263.

Chadha, Sanjeev Kumar, First Author "The Concept of sustainable development : A Contemporary issue in India" published in "NIU International Journal of Human Rights" ISSN: 2394 – 0298, Volume 8 (III), 2021, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 434 - 441.

Chadha, Sanjeev Kumar, First Author "Breathless India : Role of Judiciary" Published in "The Journal of Oriental Research Madras" ISSN: 0022-3301, Volume . XC11-X, October 2021, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 83-90.

Chadha, Sanjeev Kumar, First Author " Healthcare workers as the frontline warriors in Covid-19 : work and vulnerability" Published in "Journal of the Maharaja Sayajirao University of Baroda" ISSN: 0025 – 0422, Volume 55, No. 2, 2021, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 949-954.

Chadha, Sanjeev Kumar, First Author " Uncovering the hidden impacts of Covid-19 on women" Published in "Shodhsamhita" ISSN: 2277 – 7067, Volume V111, Issue 2, 2021-2022, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 455 - 460.

Chadha, Sanjeev Kumar, First Author "Environmental Governance and Sustainable development in India : A study on Judicial response." Published in "Anvesak" ISSN: 0378 – 4568, Volume 51 No. 2, July- December, 2021, an international research journal, peer reviewed, an UGC approved, UGC Care listed in multidisciplinary journal, Page No. 271-280.

h) Chadha, Sanjeev Kumar, First Author " Hkkjrh; pk; ekuo vf/kdkj % ,d v/;;u^^ Published in ^^ ekuo vf/kdkj % ^^ ekuo vf/kdkj Hkkjr A ISSN No. 0973-7588, Volume 18, Year 2021, an UGC Care listed Journal, Page No. 69 - 76.

Chadha, Sanjeev Kumar, First Author Topic "Role of National Green Tribunal and Environmental Justice in India" Published in Journal of Education:Rabindra Bharati University , ISSN 0972- 7175, Volume XXIII, No. 1, 2022, Year 2022, an UGC Care Approved, Peer Reviewed Journal, Page 283-292.

j) Chadha, Sanjeev Kumar, Second Author Topic "Environmental Sustainable Development and Role of The Indian Judiciary: An Analytical Study" Published in Journal of the Maharaja Sayajirao University of Baroda , ISSN 0025- 0422, Volume No. 56, No.1, 2022 , Year 2022, an UGC Care Group -1 Journal, (Multi Disciplinary) Page 207 - 212.

Chadha, Sanjeev Kumar, Second Author Topic "Child Sex Trafficking in India: A Study Exploring Contributing Factors and Combating Current Efforts" Published in Journal of Education:Rabindra Bharati University , ISSN 0972- 7175, Volume XXIII, No. 1, 2022, Year 2022, an UGC Care Approved, Peer Reviewed Journal, Page 397-403.

Dr. Sufiya Ahmed

a) Mk- vgen Mk- vuhl vgen] lEink ekuokf/kdkj % ,d dyk Vol. 24, year 3-2021, ISSN 0975 4520

b) Dr. Sufiya Ahmed & Preeti Toppo, ekuo vf/kdkj % tutkfr dk >kj[k.M dh lkekftd —frd v/;;u] dyk , Vol. 24, year 4 -2021

Dinesh Kumar Singh & Dr. Sufiya Ahmed, Human Right to Mental Health Amidst Pandemic Outbreak in India, Kanpur Philosophers, International Journal Of Humanities, Law And Social Sciences Published Biannually By New Archaeological &Genological Society Kanpur India Volume -8, Issue- 1 (B), 2021

Dinesh Kumar Singh, &. Dr. Sufiya Ahmed (2021). Forensic DNA profiling in Criminal Investigation: A Comparative Analysis of U.K., U.S.A. And India. Philosophical Readings, XIII (4), 2340–2353. https://doi.org/10.5281/zenodo.5667645

Mohan Kumar Gond & Dr. Sufiya Ahmed SURROGATE MOTHER AND SURROGATE CHILD RIGHTS IN INDIA, NIU International Journal of Human Rights ISSN: 2394 – 0298 Volume 8(XXIII), 2021 108

Dr. Anis Ahmad

a) Mk0 vgen Mk0 vuhl vgen] lEink ekuokf/kdkj% ,d

Kala Sarovar Vol.- (Peer Reviewed Journal Approved by UGC Care List ISSN- 0975-4520

b) Mk0 vuhl vgen ekuokf/kdkj f'k{kk dk .k% Hkkjrh;

Kala Sarovar Vol.-24-No.-4-2021 (Peer Reviewed Journal Approved by UGC Care List ISSN- 0975-4520.

Anis Ahmad &Prashant Kumar Varun, **"**Bio-Medical Waste and Its Impact on Human Health and Environment: A Legal Analysis in Indian Perspectiveǁ Volume- VIII, Issue- 1-(B) Kanpur Philosophers September, 2021.Pages: 470-476.

Dr. Mujibur Rehman

Mujibur Rehman & Shubhyanka Rao, —Corporate Debt Restructuring: An Evaluation of The Insolvency and Bankruptcy Codeǁ Vol. 48 (1 & 2) 2021 (January-June 2021) INDIAN BAR REVIEW (A Referred Journal) ISBN 978-81-931981-0-0. Page No. 379-386.

b) Mujibur Rehman & Ramchandra Meena — vkfnoklh dk vuHkotU; v/;;u% jktLFkku jkT; ǁ Vol. 18 Year 2021 Manav Adhikar: Nai Dishayen (A UGC Care Listed Journal) ISSN 0973-7588 Page No. 128-137. Published by National Human Rights Commissions, New Delhi

c) Dr. Mujibur Rehman & Ram Chandra Meena — dh lkekftd.k fLFkfr dk v/;;u% y[kuÅ ǁ Vol. 8 Issue 29 (January – March 2021) SHODH SARITA Peer Reviewed Refereed Research and UGC Approved Care Listed Journal ISSN No. 2348-2397 Page No. 83-87.

Mujibur Rehman & Snigdha Srivastava, —Water Pollution in India: Assessing the Role of National Green Tribunal in Context to Sustainable Development Goals Agenda, 2030ǁ Vol. 48 (3 & 4) 2021 (July-December, 2021) INDIAN BAR REVIEW (A Referred Journal) ISBN 978-81-931981-0-0. Page No. 85-92.

e) Mujibur Rehman & Ramchandra Meena — egkekjh rFkk ekuokf/kdkj% dk ǁ Vol.24-No.-4-Part-2-2021 KALA SAROVAR Quarterly Approved Journal by UGC Care List bearing ISSN-0975-4520, Page No. 47-49.

11. Attended/ participated in Conferences/seminar/ workshop Inside Country-

Prof. Sanjeev Kumar Chadha

0 Delivered Lecture on National Webinar Topic —Impact of Russia and Ukraine Crisis in India" on dated 14 March, 2022, at Bishamber Sahai Group of Institutes, Roorkee, Haridwar.

Dr. Sufiya Ahmed

Attended Refreshar Course from 6-18 September 2021 from HRDC-JNU, New Delhi

Participated in National Workshop on the Theme "Intellectual Property Rights and Innovations" held on 25 November 2021, organized by the School of Legal Studies, Babu Banarasi Das University, Lucknow.

Participated in the Five Day Faculty Development Program (FDP) on ―Research and Publication in High Impact Journals‖ organized by United world School of Law, Karnavati University between 17th to 21st January, 2022.

Participated in IP Awareness/ Training Programme Under the National Intellectual Property Awareness Mission 07th Feb, 2022 organized by Department of Law, BabasahebBhimraoAmbedkar University, Lucknowin collaboration of Office of Controller General of Patents, Designs and Trade Marks under the ageis Department for Promotion of Industry and Internal Trade, Ministry of Commerce&Industry, Government of India .

Dr. Anis Ahmad

Participated in IP Awareness/ Training Programme under the National Intellectual Property Awareness Mission 21st January 2022 organized by Faculty of Law, Lucknow University Lucknow, in collaboration of Office of Controller General of Patents, Designs and Trade Marks under the agies Department for Promotion of Industry and Internal Trade, Ministry of Commerce &Industry, Government of India.

Participated in IP Awareness/ Training Programme Under the National Intellectual Property Awareness Mission 07th Feb, 2022 organized by Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow in collaboration of Office of Controller General of Patents, Designs and Trade Marks under the ageis Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India.

Dr. Mujibur Rehman

Participated in National Webinar on ‗Transformation of Legal Education in 21st Century and Role of Information technology held on 18th June, 2021, Organized by Institute of Law and Research, Faridabad, Affiliated to MD University, Rohtak.

Participated in One Day National Level Webinar on ―Authority and Bibliographic Data Integration in Koha‖ held on 7th August, 2021, Organized by Internal Quality Assurance Cell Plassey College, Plassey, Dadia, West Bengal.

Participated in National Webinar on ―Higher Education during Covid Era‖ Organized by Department of Education, Rabindranath Tagore University, Hojaj, Assam, on dated August 11, 2021.

Participated in One Day Webinar on ‗Universal Human Values & Professional Ethics for Teaching Personalities' organized by IQAC in association with ICC, Grievance Redressal Cell & Disciplinary Committee, Belda College on 12th September, 2021.

Consultancy works:-

Free Legal Aid Clinic

Details of invited lecture inside the country:-

Dr. Sufiya Ahmed

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.

Delivered a lecture on Legal Research Methodology organized by School of Legal Studies, Babu Banarasi Das University, Lucknow 06 January 2022

Dr. Anis Ahmad

Lecture delivered on ―Environment Protection: Issues and Challenges" on 11th April, 2021 at Geeta Institute of Law, Karhans. G.T. Road Panipat. Haryana.

Lecture delivered on ―Bio-medical Waste Management in Post Covid-19 Pandemic: Need for an Effective Regulation in India‖ on 15th July, 2021 at Institute of Legal Studies, SRM University, Lucknow.

Dr. Pradeep Kumar

Delivered Lecture on the topic —Self-Defence in Criminal Lawll on dated 14th August 2021, Justice Law College, Barabanki, U.P.

Delivered Lecture on the topic —Juvenile Court and Proceduresll on dated 18th September, 2021, TRC Law College, Satrikh, Barabanki, U.P.

Delivered Lecture on the topic —Independence of Judiciary and the Nature of Judicial Processll on dated 3rd March 2022, Department of Law, Dr. Rammanohar Lohia Avadh University, Ayodhya, U.P.

14. Students Achievements:-

(i) Accomplishments of students

Number of student completed their masters/graduation/Diploma	LL.M.	25
	B.B.A. LL.B.(H)	29
Number of student selected in Civil Services	UPSC	02
	UPPSC	00
Number of student pursuing higher studies	15	
Number of student selected on other government Jobs/Banking/ School teaching etc.	Government Jobs	
	Teaching in Higher Education	
	Teaching	
	Jobs	
Number of students placed through campus interview	Nil	
Number of student awarded SLET/NET/JRF/ any other fellowship	NET	10
	JRF	4

Ph.D. Degree awarded 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 Sharingll	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 Studys	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

Ph.D. Degree submitted during the year:

Sl. No.	Students	Guide	Title	Fellowship
1	Vibha Tripathi	Prof. Sudarshan	Gender Justice in Muslim Personal Law With Special Reference to Divorce	Non-Net Fellowship

		Verma		
2	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 Fellowship
3	Shailesh Mishra	Prof. Sanjeev Kumar Chadha	Law and Policies in India for Rehabilitation and Resettlement of Dam Oustees: A Human Rights Approach.	Non-Net Fellowship
4	Mohan Kumar Gond	Dr. Sufiya Ahmed	Surrogacy Arrangement: A Socio-Legal Study in Lucknow City	Non-Net Fellowship

Ph.D. Student"s Pursuing :

Sl. No.	Students	Guide	Title	Fellowship
1	Ashwini Kumar Chaudhari	Prof. Sudarshan Verma	Rights of Marginalized Groups of Rural People under E-Governance in India: a Socio Legal Study of Rural Areas of Lucknow	Non-Net Fellowship
2	Irshad Ahmad	Prof. Sudarshan Verma	Revenge Porn & Blackmailing Cyber Crime against Women in India: Socio Legal Study in Lucknow City	Non-Net Fellowship
3	Nitesh Kumar Chatuvedi	Prof. Sudarshan Verma	Appointment of Judges in India: a Legal Study with Special Reference to collegiums System	Non-Net Fellowship
4	Chandana Suba	Prof. Sanjeev Kumar Chadha	Human Trafficking of Women for Sexual Exploitation in India: A Study with Special Reference to Lucknow City	NFST
5	Paritosh Prakash	Prof. Sanjeev Kumar Chadha	Internet as a Fundamental Right: A Bridge to Reduce the Digital Inequality in India	JRF
6	Amit Kumar Singh	Prof. Sanjeev Kumar Chadha	Rise of Artificial Intelligence and Protection of Human Rights: Legal Issues and Challenges	JRF
7	Dinesh Kumar Singh	Dr. Sufiya Ahmed	Socio-Legal Study of D.N.A. Profiling as scientific Method of Investigation in India	Non-Net Fellowship
8	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
9	Anuj Kumar	Dr. Anis Ahmad	Environmental Governance and Sustainable Development in India: A Critical Legal Study	Non-Net Fellowship
10	Nikki Kumar	Dr. Anis Ahmad	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	JRF
11	Satish Kumar	Dr. Pradeep Kumar	Rights of Forest Dwellers under the Forest Legislations in India: A Critical Study	Non-Net Fellowship
12	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
13	Baba Ncyicor	Dr. Pradeep Kumar	Internet as a Fundamental Right: A Bridge to Reduce the Digital Inequality in India	Non-Net Fellowship
14	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
15	Ashish Yadav	Dr. Mujibur	Topic not Allotted	JRF

		Rehman		
16	Ram Chandra Meena	Dr. Mujibur Rehman	Violation of Human Rights in Child Care Homes: A Socio-Legal Study With Reference to Jaipur and Lucknow	NFST
17	Snigdha Srivastava	Dr. Mujibur Rehman	The Protection of Geographical Indications: A Socio-Legal Study with Special Reference to State of Uttar Pradesh	JRF Fellowship

LL.M. Dissertation Submitted:

Sl. No.	Students	Guide	Title/ Area
1	Nitin Singh Gautam	Dr. Mujibur Rehman	^^lkbcj vijk/k lk/ku :i ehfM;k**
2	Manish Kumar Soni	Dr. Mujibur Rehman	Emerging Dimensions Of Cyber Defamation In Cyberspace And Its Position In Various Countries
3	Neelansha Pandey	Dr. Mujibur Rehman	Animal Cruelty Laws In India : An Analysis With Special Reference To Prevention To Cruelty To Animals Act, 1960
4	Rohit Kumar	Dr. Pradeep Kumar	U;k;ikfydk dh % ,d .kkRed v/;;u
5	Abhishek Mishra	Dr. Pradeep Kumar	Child In Conflict With Law : Concept, Differential Treatment & Combating Juvenile Delinquency With Reference To Various Juvenile Justice Systems
6	Ishank Srivastava	Dr. Pradeep Kumar	Prostitution Is A Crime Against Society A Critical Appraisal
7	Priya Dubey	Dr. Pradeep Kumar	Hkkjr fo:) vijk/k % ,d fof/kd v/;;u
8	Diwan Jauher Khan	Dr. Anis Ahmad	A Study On Police Reform In India
9	Shreya Bharti	Dr. Sufiya Ahmed	Right To Information In India : A Comparison Between National And International Perspective
10	Anshika Deep	Dr. Sufiya Ahmed	Human Rights Of Person With Mental Disability Dissertation
11	Mohd Rashid Siddiqui	Dr. Sufiya Ahmed	Use Of Technology In Criminal Justice System
12	Neha Bharti	Dr. Sufiya Ahmed	Role Of Forensic Science In Criminal Investigation
13	Reeta	Prof. Sanjeev Kr. Chadha	Live-In Relationship And Its Impact On Women's Rights : An Overview
14	Himanshu Mohan	Prof. Sanjeev Kr. Chadha	rhu rykd ifj.kke ij ,d fof/kd v/;;u
15	Anuradha Pal	Prof. Sudarshan Verma	Hkkjr U;kf;d lfØ;rk dkedkth ,d fof/kd v/;;u
16	Vandana Kumari	Prof. Sudarshan Verma	A Legal Study Of Right To Freedom Of Speech And Expression Through Social Media Under Indian Democracy
17	Jaya Kumari	Prof. Sudarshan Verma	U;kf;d U;k;ikfydk dk ,d fof/kd v/;;u

B.B.A. LL.B.(B) Dissertation Submitted:-

Sl. No.	Students	Guide	Title/ Area
1	Shivam Tiwari	Dr. Pradeep Kumar	The constitutionality of Citizenship Amendment Act, 2019 (CAA) & ITS Need
2	Vivek	Dr. Anis Ahmad	The Electronic First Information Report and Its Significances in Criminal Justice System
3	Kirti Priya Singh	Prof. Sudarshan Verma	Legal Analysis Of Right To Privacy In India Scenario With Reference To Data Protection In Cyber Space
4	AryanVikram Singh	Prof. Sudarshan Verma	Role Of Governor In India : Emerging Scenario A Dissertation
6	Navya Srivastava	Dr. Pradeep Kumar	Right to Protest: A Critical Evaluation
7	Abhishek Mishra	Dr. Pradeep Kumar	Protection Against self Incrimination : A legal Analysis
8	Sakshi Singh	Prof. Sudarshan Verma	"A Legal Study Of Constitution Morality With Special Reference To Indian Society"
9	Ambika Gupta	Dr. Anis Ahmad	Right to Food in Contemporary India
10	Devesh Bahadur Singh	Prof. Sanjeev Kr. Chadha	A Socio Legal Study of Corruption with Special Reference to Political Field
11	Ankita Sonkar	Dr. Sufiya Ahmed	Rape Laws in India
12	Jyotsana	Prof. Sudarshan Verma	Compensation as a Restorative Tool : A Need of Present Time
13	Ravi Singh	Prof. Sanjeev Kr. Chadha	A Socio-Legal Study of Prostitution in India: Prostitution Should be Legalized
14	Vishal Rawat	Dr. Sufiya Ahmed	Domestic Violence Against Women in India-A Critical Analysis
15	Alok Kumar	Dr. Mujibur Rehman	Increasing Professional Crimes in India: A Challenging Problem for the Investigating Agencies
16	Shashwat Singh	Dr. Mujibur Rehman	Role of Bail in Criminal Justice System in India: Present Scenario
17	Tanisha Gupta	Dr. Sufiya Ahmed	Uniform Civil code- A Step Towards Equality
18	Aadya Chadha	Dr. Sufiya Ahmed	Surrogacy in India Critical Evaluation
19	Punya Tripathi		
20	Navodita Verma	Dr. Anis Ahmad	Role of National Green Tribunal in Environmental Justice in India: A Decade Journey
21	Satyam Singh	Dr. Sufiya Ahmed	Changing Perspective of Women Under Hindu Law Critical Evaluation
22	Kashish Tiwari	Dr. Mujibur Rehman	A Critical Study of Prison Reforms in India
23	Yogita Chauhan	Prof. Sanjeev Kr. Chadha	A Socio Legal Study of Corruption with Special Reference to Political Field
24	Abhishek Priyadarshi	Prof. Sanjeev Kr. Chadha	How Intellectual Property is Protected on the Internet: With Special Emphasis
25	Shalini Sonkar	Dr. Anis Ahmad	Ground Water Special Reference With Water Act
26	Aarushi Bhushan	Prof. Sanjeev Kr. Chadha	A Study of Domestic Violence Legislation Across the Globe

27	Pallavi	Prof. Sudarshan Verma	A Comprehensive Study on Child Sexual Abuse
28	Vandita Bharati	Dr. Pradeep Kumar	Crueltv Against Women in Perspective of Dowry
29	Varsha Singh	Dr. Anis Ahmad	The Dissenting Opinion: Its use in the Constitutional Case
30	Ankita Shukla	Dr. Mujibur Rehman	Inter-Faith Marriages in India: A Critical Legal Study of the Uttar Pradesh Prohibition of Unlawful Conversion of Religion Act, 2021

Any other Special achievement recorded by the students:-

Mr. Nitesh Kumar Chaturvedi, Research Scholar Researcher has received Research Excellence Award in Research Scholar Category in the year of 2022, BBAU.

Details of the publications of the students (Books/Article/Books Chapter)

0 **Book Review, India"s Legal System Can It Be Saved? (2017),** Published in Noida International University Journal, Volume-8 of 2021, ISSN 2394-0298.

I **The Farmers" Produce Trade and Commerce (Promotion and Facilitation) Act, 2020: a Critical Analysis in Context of Agricultural Reform in India** Published in Noida International University Journal, Volume-8 of 2021, ISSN 2394-0298.

II **Recusal by the Judges: An Issue of Propriety Not Legality,** Published in Kanpur Philosopher, Volume-8, Issue-2, December 2021, Page No. 203-215, ISSN 2348-8301.

(iv)

आरोग्य योजना की भूमिका published in Journal Kala Sarovar on dated 03-09-2021, ISSN 0975-4520, Impact Factor 4.015.

(v)

भौमिक स्वास्थ्य व्याप्ति के रूप में प्रधानमन्त्री जन

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ISSN 0976-0024.

असंगठित क्षेत्र के श्रमिकों का कोविड–19 महामारी के समय में मानवाधिकारों के संरक्षण में सरकार की भूमिका: एक अवलोकन,

Google profile of the faculty members:-

Prof. Sanjeev Kumar Chadha

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

Dr. Sufiya Ahmed

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

CENTRE OF POST GRADUATE LEGAL STUDIES

Centre of Post Graduate Legal Studies was established under School for Legal Studies in 2013 started functioning from the session 2013-14 to offer One Year LL.M. Degree as per UGC Guidelines. The intake is 24. The teaching is done by the senior faculty members of Department of Human Rights and Department of Law under School for Legal Studies. Presently Three Group i.e. Constitutional law and Administrative Law, Corporate and Commercial Law and Intellectual Comparative Law are running in the Centre. The object of the course is to promote good academicians, corporate lawyers and Masters in International principles. The Students of the centre are also benefitted by the special lectures delivered by visiting faculties, guest faculties and internal faculties.

Course offered:-

One Year LL.M.

Facilities available in the Department:-

Fully Wi-Fi connected Building
One Classroom
One Laptop and One projector
Computer Lab
Departmental Library

Details of Seminar :-

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 Legal Studies, BBAU, Lko.

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, BBAU, Lko.

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

Women Cell Committee,
Grievance Redressal Committee,
Students Enrichment Cell
Anti-Ragging Committee

Students Achievements:-

0 **Accomplishment of the Students**

Number of students completed their Master/Graduation / Diploma	One Year LL.M.	24
Number of students selected pursing higher studies	Ph.D.	02
	MBL	01
Number of students selected on other government jobs/banking/University teaching etc	Govt. Job	03
	Teaching Job	02 01
Number of students awarded SLET/NET/JRF/any other fellowship	NET	06

Ph. D and M. Phil students/Dissertation and thesis submission/ degree awarded:-

Sr. No.	Supervisor	Student"s Name	Dissertation/ Project Title	Remarks
1	**Supervisor** Prof. Priti Saxena	Kopal Garg	—Legislative and judicial perspective on Marital rape: an analytical study‖	Awarded
2	**Supervisor** Prof. Priti Saxena	Niharika Singh Chauhan	—Criminalization of marital rape in India‖	Awarded
3	**Supervisor** Prof. Priti Saxena	Nidhi Verma	—ott platforms: abuse of the right to freedom of Speech and expression‘‘	Awarded
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‖	Awarded
5	Prof. Priti Saxena **Co-Supervisor** Dr. Dhirendra Vikram Singh	Utkarsh Kumar	An analytical study of changes brought in by supreme Court through its judgments: a scrutiny of five years Cases (2017-2021)	Awarded
6	**Supervisor** Prof. Preeti misra	Puneet Singh	Prison justice administration in India with Special reference to protection‘s of Prisoner right	Awarded
7	**Supervisor** Prof. Preeti Misra	Manoj Kumar Singh	—Ott platforms: abuse of the right to freedom of Speech and expression‘‘	Awarded
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	Awarded
9	**Supervisor** Prof. S.k. Chadha	Anjali	—Uniform Civil Code: Need Of An Hour‖	Awarded
10	**Supervisor** Prof. S.K. Chadha	Rishabh Tomar	—Right to form association or unions: Constitutional, legislative and Judicial perceptives‖	Awarded
11	**Supervisor** Prof. S.K. Chadha **Co-Supervisor** Ms Sonali Roy Choudhury	Shipra Mishra	—Criminalization Of Politics In India: Issues And Challenges‖	Awarded
12	**Supervisor** Dr. Sufiya Ahmed	Anupma Piyush	Domestic violence Against women during lockdown	Awarded
13	**Supervisor** Dr. Sufiya Ahmed	Ranjit Kumar Gautam	Right To Privacy In Aspect Of Medical Status	Awarded
14	**Supervisor** Dr. Sufiya Ahmed **Co-Supervisor** Dr. Dhirendra Vikram Singh	Pushker Saroj Bandhu	—Copyright protection in cyberspace : issues and Challenges in India‖	Awarded
15	**Supervisor** Dr. Anis Ahmad	Neelesh Gautam	Constitutional duties and Environmental protection in India	Awarded

	Supervisor Dr. Anis Ahmad **Co-Supervisor** Ms. Sonali Roy Choudhury	Anuswar Shahi	Right to health in india in covid-19: A legal study	Awarded
17	**Supervisor** Dr. Anis Ahmad	Abhishek Kumar Singh	‗Legal Accountability for Violations of Human Rights of Environmental Refugees'	Awarded
18	**Supervisor** Dr. Pradeep Kumar	Alok Kumar Verma	Marital Rape with Special Reference to India, Pakistan and Bangladesh	Awarded
19	**Supervisor** Dr. Pradeep Kumar	Manish Kumar Yadav	Surge of Sexual Violence in Covid- 19	Awarded
20	**Supervisor** Dr. Pradeep Kumar **Co-Supervisor** Dr. Dhirendra Vikram Singh	Urvashi Mishra	—Acid attacks: laws in India to combat it and victim compensation schemell	Awarded
21	**Supervisor** Dr. Pradeep Kumar	Abhishek Pandey	Hkkjr esa f'k{kk dk vf/kdkj% laoS/kkfud fo'ys"k.k	Awarded
22	**Supervisor** Dr.Mujibur Rehman	Abhimanyu kumar	—Abuse of Public Interest Litigation in India: A Challenge to Judicial Processll	Awarded
23	**Supervisor** Dr.Mujibur Rehman **Co-Supervisor** Dr. Dhirendra Vikram Singh	Anil Kumar Gautam	Preventive Detention Laws In India: A Challenges To Personal Liberty	Awarded
24	**Supervisor** Dr. Dhirendra Vikram Singh **Co-Supervisor** Ms. Sonali Roy Choudhury	Sujeet Kumar Saroj	Freedom of Speech and Media Trail	Awarded

SCHOOL OF LIFE SCIENCES

As per the restructuring/creation circular vide letter No. 469/COE/BBAU/18 dated 16/03/2018, the School of Life Sciences comprises the Department of Biotechnology, Department of Zoology. The two Departments cited above offer both P.G. (M.Sc.) and Ph.D. courses, the Department of Zoology commenced in the academic session 2001-02 and Department of Biotechnology started functioning from September 2005. Both Departments are well equipped with laboratories and field facilities, as per requirement. The faculty members of the school belong to varied regions of the country with diverse fields of specialization. Since courses are multifaceted, School of Life Science (SLS) arms its students for good job opportunities as well as self-employment, thereby contributing to the economic growth of the country. It is most advance School of Babasaheb Bhimrao Ambedkar, University (A Central University), Lucknow.

DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology started in September, 2005 under the School for Biosciences and Biotechnology,presently, under School of Life Sciences (SLSc). The present intake capacity is 38 students. Apart from M. Sc in Biotechnology, the department also offers Ph. D in Biotechnology with a diverse field of specialization including Enzyme Technology and Protein Chemistry, Microbial Technology, Plant Molecular Biology, Immunotechnology and Bioinformatics. Department of Biotechnology plans to start two self-finance courses of M. Sc Industrial Biotechnologyand M.Sc Bioinformatics from the current year with an intake capacity of 22studentseach.

A. Academic Profile of Department:

Biotechnology, being a multidisciplinary subject, requires knowledge from various areas of biological as well as technological sciences. It encompasses understanding of fundamental concepts and their applications in the area of Molecular biology, Cell Biology, Immunology, Microbiology, Biochemistry, Bioinformatics and Bio-processing.

Keeping in view the developing of modern applied aspect of the subject, Biotechnology has now become a multi-billion-dollar industry. The teaching programme caters the requirement of Biotechnology Industry and Institutes in India and aboard.

Presently, Choice Based Credit System has been introduced and many courses which may supplement and compliment core Biotechnology subject from various discipline i.eLaw, Department of Zoology, Department of Horticulture, Management, Statistics etc. have been introduced.

The course curriculum of M. Sc. Biotechnology has been prepared taking the guidelines from UGC and DBT, Govt. of India modified time to time in respective BoS (Board of Studies) meetings held on20-08-2019, 20-04-2018, 22-05-2015, 21-03-2014, 11-11-2009 and October 2005.

Modifications in syllabus in consultation with the industry professionals, practitioners, students and their parents basically who are the stake holders is a continuous process.

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.

The department is in the process of developing facilities conducive for training in the field of Biotechnology at par with that of international level. Faculty of the department is running various 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.

Course Offered:-

M. Sc Biotechnology
Ph. D Biotechnology
M. Sc Industrial Biotechnology (Self-Finance)
M. Sc Bioinformatics(Self-Finance).

Facilities available in the department:-

- ***0*** M. Sc Laboratory.
- ***I*** Research Laboratory.
- ***II*** Central Instrumentation Laboratory.
- ***III*** Smart Classroom.
- ***IV*** Departmental Library.

Details of faculty:-

0 **Prof. Sangeeta Saxena** Professor
& Head, Biotechnology
Specialization: Plant Molecular Biology, Molecular Markers, RNA Interference, Medicinal plants in age related studies on C.*elegans*
Qualifications: M. Sc., M. Phil. Ph. D.

I **Prof. Dinesh Raj Modi**
Professor
Specialization: Microbial Technology and Bioremediation
Qualifications: M.Sc., Ph.D.

II **Dr. G. Sunil Babu**
Associate Professor
Specialization: Immuno modulation, Cancer Genetics, Host- pathogen interaction at miRNA level, Bioinformatics
Qualifications: M.Sc., Ph.D.

III **Dr. Monica Sharma**
Assistant Professor
Specialization: Enzyme and Microbial Technology, Bioinformatics
Qualifications: M.Sc., Ph.D.

IV **Dr. Yusuf Akhter**
Assistant Professor
Specialization: Protein Structures; Drug discovery against bacterial and protozoan pathogens
Qualifications: M.Sc., Ph.D.

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.

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

Prof. Dinesh Raj Modi

Association of Microbiologists of India - Life Member
Biotech Research Society of India - Life Member

Prof. SangeetaSaxena

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

Dr. G. Sunil Babu

Membership in Professional bodies:

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

Academic bodies

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

Dr. Monica Sharma

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

Dr. Yusuf Akhter

Associate Editor, Frontiers in Genetics (Bioinformatics and ComputationalBiology) published by Frontiers Media, Switzerland (since 2018)
Associate Editor, BMC Genomics published by BioMed Central, UnitedKingdom (since 2018)
Associate Editor, BMC Microbiology published by BioMed Central, UnitedKingdom (since 2016)
Member, Editorial Board, Archives of Microbiology published by Springer(since 2016)
Member, Editorial Board, Cogent Biology published by Taylor & Francis(since 2016)
Member, Editorial Board, Protein and Peptide Letters published byBentham Science Publishers (since 2016)
Review Editor in the Editorial Board of Frontiers in Microbiology, Frontiersin Medicine and Frontiers in Public Health (since 2016)
Life Member, Society of Biological Chemists, India, (since 2013)

Details of Book chapter in edited volume:-

Published a book Chapter- Aradhana L. Hans and **Sangeeta Saxena (25 June, 2021).** "Plant Bioprospecting for Biopesticides and Bioinsecticides. Book: " *Bioprospecting of Plant Biodiversity for Industrial Molecules* (2021) . By Wiley Publisher. (ISBN No.

9781119717218).https://doi.org/10.1002/9781119718017.BOOKLINK:https://www.wiley.com/en-us/Bioprospecting+of+Plant+Biodiversity+for+Industrial+Molecules-p-9781119717218

Published a book Chapter-Aradhana L. Hans, Ritesh Mishra and **Sangeeta Saxena(30 June, 2021**). Transgenic Technology and Its Progressive Implications. Book: Crop Improvement Biotechnological Advances CRC Press Taylor and Francis Group.(ISBN**:** ISBN: 9780367567095 (hbk), ISBN: 9780367567101 (pbk),ISBN: 9781003099079 (ebk).

Published a book chapter- Abhishek Pandeya, Raj Kumar Khalko, Bharti Kotarya, Hema, Jitendra Kumar Yadav, Sudipta Saha, 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**).

Published a book chapter: RC Sobti,Bharti Kotarya, Abhishek Pandeya, Raj Kumar Khalko, Neelam Yadav, Sudipta Saha, 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.**

Metagenomics for mining of thermoalkalophilic enzymes -G Chauhan, M Arya, A Pathak, P Singh, M Sharma - Microbial Extremozymes, 2022 https://doi.org/10.1016/B978-0-12-822945 3.00015-4

Molecular mechanism of radio-resistance and heavy metal tolerance adaptation in microbes V Kumar, A Kumari, M Pandey, M Sharma - Microbial Extremozymes, 2022 https://doi.org/10.1016/B978-0-12 822945-3.00003-8

Bioprospecting: Boon or Curse.In book: Biomedical Translational Research. Editors: R.C. Sobti, Aastha SobtiSpringerDOI: 10.1007/978-981-16-4345-3

Statistical Measures for Biological and Medical SciencesIn book: ADVANCES IN MATHEMATICAL AND STATISTICAL MODELLINGPublisher: Weser Books, Zittau, Germany

Paper published during the year by the faculty members

International

i. Soni, S.K.; Mishra, M.K.; Mishra, M.; Kumari, S.; **Saxena, S**.; Shukla, V.; Tiwari, S.; Shirke, P. (2022). Papaya Leaf Curl Virus (PaLCuV) Infection on Papaya (*Carica papaya* L.) Plants AltersAnatomicaland PhysiologicalPropertiesandReduces Bioactive Components. *Plants* ,*11* , 579. https://doi.org/10.3390/plants11050579 **Impact Factor: 3.90**

Pandeya A, Khalko RK, Mishra A, Singh N, Singh S, Saha S, Yadav S, **Saxena S**, Gosipatala SB. (2022) Human Cytomegalovirus miR-UL70-3p Downregulates the H_2O_2-Induced Apoptosis by Targeting the Modulator of Apoptosis-1 (MOAP1). *International Journal of Molecular Sciences*; 23(1):18; 1-14. https://doi.org/10.3390/ijms23010018, **ISSN:** 1422-0067 **Impact Factor: 5.923.**

Pranesh Kumar, Mohit Kumar, Anurag Kumar, Gautam, Archana Bharti, Sonkar, Abhishek Verma, Amita Singh Raquibun, Nisha, Umesh Kumar, Dinesh Kumar, Tarun Mahata, Bolay, Bhattacharya, Biswanath Maity, Abhishek Pandeya, **Sunil Babu Gosipatala**, Sudipta Saha (2022) Ameliorative effect of fluvoxamine against colon carcinogenesis via COX-2 blockade with oxidative and metabolic stress reduction at the cellular, molecular and metabolic levels. BBC Advances; 2, https://doi.org/10.1016/j.bbadva.2022.100046 (IF 3.337)

Abhishek Pandeya, Raj Kumar Khalko, Anup Mishra, Nishant Singh,Sukhveer Singh,Sudipta Saha, Sanjay Yadav, Sangeeta Saxenaand**Sunil Babu Gosipatala*** (2022) Human Cytomegalovirus miR-UL70-3p Downregulates the H_2O_2-Induced Apoptosis by

Targeting the Modulator of Apoptosis-1 (MOAP1); Int J Med Sci; 23(1); 18. https://doi.org/10.3390/ijms23010018 (IF: 5.96)

Nidhi Rai, Vikas Kumar, **Monica Sharma**, Yusuf Akhter, Auxin transport mechanism of membrane transporter encoded by AEC gene of Bacillus licheniformis isolated from metagenome of Tapta Kund Hotspring of Uttrakhand, India, International Journal of Biological Macromolecules, Volume 185, 31st August 2021, Pages 277-286, https://doi.org/10.1016/j.ijbiomac.2021.06.097

Iqbal Azad, Jawahar L Jat, Ajay Yadav, Ajay Yadav, SudiptaSaha and **Yusuf Akhter**Evaluation of anticancer activity of N-H/N-Me Aziridine derivatives as a potential poly (ADP-ribose) polymerase 1 inhibitorElsevier **Journal of Molecular Structure**, DOI: 10.1016/j.molstruc.2022.132689

Sabahat Yasmeen Sheikh, Firoj Hassan, Mohammad Faheem Khan, Tanveer Ahamad, Waseem Ahmad Ansari, **Yusuf Akhter**, El-Sayed Khafagy, Abdul Rahman Khan and Malik NasibullahDrug repurposing to discover novel anti-inflammatory agents inhibiting JAK3/STAT signalingMAIK Nauka/Interperiodica **Russian Journal of Bioorganic Chemistry**

Sahil Mahfooz, Pallavi Singh and **Yusuf Akhter** A comparative study of microsatellites among crocodiles and development of genomic resources for the critically endangered Indian gharialSpringer **Genetica,** DOI: 10.1007/s10709-021-00148-0

Sukhen Bhowmik, Pragya Anand, Riyanki Das, Tirtharaj Sen, **Yusuf Akhter**, Manash C Das, Utpal DeSynthesis of New Chrysin Derivatives with Substantial Antibiofilm ActivitySpringer **Molecular Diversity** 26(4), DOI: 10.1007/s11030-020-10162-7

Subhash Kumar Yadav, **Yusuf Akhter**Response: Commentary: Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 SpreadFrontiers**Frontiers in Public Health**, DOI: 10.3389/fpubh.2021.783201

Vinit Kumar, **Yusuf Akhter**, Gopal JiPerformance-based evaluation and funding model for Central Universities in India: a preliminary assessmentTaylor & Francis**Quality in Higher Education**, DOI: 10.1080/13538322.2021.2017396

Subhash Kumar Yadav, Shi Zhao, **Yusuf Akhter**Response to Comments on "Preliminary estimation of the basic reproduction number of novel Coronavirus (2019-nCoV) in China, from 2019 to 2020: A data-driven Analysis in the early phase of the outbreak"Elsevier **International journal of infectious diseases**, DOI: 10.1016/j.ijid.2021.12.310

Garima Singh, **Yusuf Akhter**Molecular insights into the differential efflux mechanism of Rv1634 protein, a multidrug transporter of major facilitator superfamily in Mycobacterium tuberculosis Wiley **Proteins Structure Function and Bioinformatics 90(4),** DOI: 10.1002/prot.26253

Nidhi Rai, Vikas Kumar, Monica Sharma, **Yusuf Akhter** Auxin Transport Mechanism of membrane transporter encoded by AEC gene of Bacillus licheniformis isolated from metagenome of Tapta Kund Hotspring of Uttrakhand, India Elsevier **International Journal of Biological Macromolecules**, DOI:10.1016/j.ijbiomac.2021.06.097

Subhash Kumar Yadav, **Yusuf Akhter**Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 SpreadFrontiers **Frontiers in Public Health**, DOI: 10.3389/fpubh.2021.645405

Digvijay Verma, Ankita Srivastava, Pankaj Kumar Garg, **Yusuf Akhter**, Ashok K Dubey, Sukhdev Mishra, SVS Deo Taxonomic profiling and functional characterization of the

healthy human oral bacterial microbiome from the north Indian urban sub-populationSpringer**Archives of Microbiology**, DOI: 10.1007/s00203-020-02084-7

15. Attended/Participated in conference/seminar/workshop inside Country–

Prof. Sangeeta Saxena:

Expert lecture on " RNA interference" in Two day Online National Conference onRecent Advances in Life Sciences: Omics and Computational Approach on 15-16 March, 2022 , Organized by Centre for Systems Biology & Bioinformatics, Panjab University, Chandigarh.

Resource person in AICST-IATE Induction Refresher programmes on ‗ Role of biotechnology in mitigation of pollution and restoration of environment ‗ on ― RNA interference ‗'dated on 11/01/2022 to 17/01/2022 Organised by Department of Biotechnology , Gandhi Institute of Engineering and Technology University (GIETU), Gunupur, Orissa.

Delivered invited lecture in webinar on ‗'Making Plant Tissue Culture as Commercially Viable Industry. An Indian Perspective'' on October 21, 2021 organised by Amity university , Lucknow.

Expert Talk on „'RNA Interference in Agricultural Sciences'' on 30/01/2021 organised by Department of Biotechnology, Faculty of Engineering and Technology , RAMA University.

Dr. Sunil Babu Gosipatala:

Attended online 5 day technical certificate training in ―**Genome editing by CRISPR" by BDG Life Sciences**, India during 14th to 18th February 2022.

Dr. Monica Sharma:

"Conquering the intricacies of citations and references" Tue, Aug 24, 2021. Wiley
"Mastering the craft of academic writing: a systematic approach". August 31, 2021. Wiley
"Attracting grants and funds for research". September 14, 2021. Wiley
"The publishing process: the complete journey of an article". Tuesday, September 21, 2021. Wiley.
"Insights for optimizing Gas Chromatography Methods-India", Wednesday, September 22, 2021. eLearning Phenomenex.
"Separation Science – Columns, A Wonderful Tool - INDIA", Friday, September 24, 2021 eLearning Phenomenex.
"Bibliometrics - Measuring the impact of research" Tuesday, September 28, 2021. Wiley.
"Everything about open access publishing - researcher's perspective" Tue, Oct 5, Wiley.

International Conference

Participated in a virtual international conference on ―Technological Intervention in Renewable Energy for Sustainable Environment (RESE-2021)‖ organized by Technology Incubation and Entrepreneurship Development (TIED) Cell and Centre of Excellence in Sustainable Technologies for Rural Development [CESTRD], Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology during November 24 & 25, 2021

Details of invited lectures inside country:-

Prof. Sangeeta Saxena:

Expert lecture on " RNA interference" in Two day Online National Conference onRecent Advances in Life Sciences: Omics and Computational Approach on 15-16 March, 2022 , Organized by Centre for Systems Biology & Bioinformatics, Panjab University, Chandigarh.

Resource person in AICST-IATE Induction Refresher programmes on ‗ Role of biotechnology in mitigation of pollution and restoration of environment ‗ on — RNA interference ‗'dated on 11/01/2022 to 17/01/2022 Organised by Department of Biotechnology , Gandhi Institute of Engineering and Technology University (GIETU), Gunupur, Orissa.

Delivered invited lecture in webinar on ‗'Making Plant Tissue Culture as Commercially Viable Industry. An Indian Perspective'' on October 21, 2021 organised by Amity university , Lucknow.

Expert Talk on „'RNA Interference in Agricultural Sciences'' on 30/01/2021 organised by Department of Biotechnology, Faculty of Engineering and Technology , RAMA University.

Dr. Monica Sharma:

Delivered Young Scientist Talk "Cloning of AEC membrane transporter gene of *Bacillus licheniformis* isolated from the metagenome of Hotspring of Uttrakhand (India) and elucidationof Auxin transport mechanismǁ in Vashudhev Kutumbkam-3 (Third International Conference on Entrepreneurship Innovation and Research for Environmental Sustainability) Organized by Research Cell, Bhagini Nivedita College, the University of Delhi India during Apr 7-8, 2022.

Details of Research Projects :
Dr. Sunil Babu Gosipatala: (01)
Dr. Yusuf Akhtar: (06)

Title of Projects- Identification and functional analysis of SARS CoV-2 miRNAs and their respective cellular targets involved in host immune regulation, Funding Agency- DST-SERB, Duration (Specific Dates)- 2022-2025, Total grant -40.56 (Lakh), Role(PI/CO-PI)- Principal Investigator (Dr. G.Sunil Babu)

Title of Projects – Understanding the involvement of Staphylococcusaureus Two-Component Regulatory System GraRS associated operonsinbiofilm formation and development of antimicrobial resistance :Anexploratory study of protein- protein interaction for discovering novel antimicrobials, Funding Agency- Department of Biotechnology (DBT), Govt. of India, Duration (Specific Dates) 2022- Funds are yet to be released, Total grant - 65 (Lakh) Role(PI/CO-PI)- Joint-PI

Title of Projects- Genome-wide identification and modeling of functional human Fractalkine receptor CX3CR1 binding sites and establish it as a novel drug target for Type 2 Diabetes, Funding Agency- (DHR, MoHFW, GoI) Duration (Specific Dates)- 2022-2025, Total grant -29 (Lakh) Role(PI/CO-PI)- Woman Scientist: Dr Madhu Yadav Mentor: Dr Yusuf Akhter.

18. Student achievements : –

(i) Accomplishment of the students.

NumberofStudentscompletedtheir Master/Graduation/ Diploma	M. Sc Biotechnology	28
	M. Sc Brain & Cognition Science	10
	M. Sc Forensic Science & Criminology	18
Number of Student selected in Civil Services	UPPSC	Nil
	UPSC	Nil
Number of student pursuing higher studies	Enrolled in Ph. D	03
Number of Student selected placed through campus interview		Nil
Number of Student selected on other government job/ banking/ School teaching etc.		Nil
Number of Student placed through campus interview.		Nil
Number of student awarded SLET/NET/ JRF other fellowship	GATE	08
	NET LS	01
	CSIR JRF	01

Ph.D. Student"s Pursuing:18

Sl. No.	Students Name	Supervisor
1	Mr. Abhishek Pandeya	Dr. G. Sunil Babu
2	Mr. Raj Kumar Khalko	Dr. Sangeeta Saxena
3	Ms. Garima Chauhan	Dr. Monica Sharma
4	Ms. Meghna Arya	Dr. Monica Sharma
5	Mr. Anup Mishra	Dr. G. Sunil Babu
6	Mr. Sailendra Kumar	Prof. S. Saxena
7	Ms. Shubhangi Chaturvedi	Prof. D. R. Modi
8	Ms. Anamta Rizvi	Prof. S. Saxena
9	Ms. Shivangi Singh	Prof. D. R. Modi
10	Ms. Garima Singh	Dr. Yusuf Akhter
11	Ms. Asha Kumari	Dr. Monica Sharma
12	Ms. Priyanka	Prof. S. Saxena
13	Ms. Arti Priadarshini	Dr. G. Sunil Babu
14	Ms. Pooja	Prof. D. R. Modi
15	Mr. Surya Pratap Singh	Dr. Yusuf Akhter
16	Ms. Loveleen Kaur	Prof. D. R. Modi
17	Mr. Gauri Shankarr	Dr Yusuf Akhter
18	Ms. Pragya Anand	Dr. Yusuf Akhter

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

Bhuwan Bhaskar Tripathi, (2021) **ACE2 receptor polymorphism and effect of SARS-CoV2 on various organs.** Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Prakhar Sinha, (2021). **HCMV protein and their oncogenic potential**., Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Hema, (2021). **HCMV MicroRNA network on innate immune regulation.**, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Shalini Vishwakarma, (2021). **Development of resistance in cancer cells and its mechanism**., Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Rajesh Kumar, (2021). **Emodin: an anticancerous phytoconstituent**., Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Disha Ranjan, (2021). **Japanese encephalitis, its neurological effects and neuroinvasion**., Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

Divya Rawat, (2021). **Apoptosis**., Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

No. of Ph.D supervised: (03)

Abhishek Pandeya (From 2015).*"Investigations on the HCMV miRNA"s role on cellular Apoptosis."* with joint supervision of **Dr. Sanjay Yadav,** Additional Professor, Department of Biochemistry, All Indian Institute of Medical Sciences, Rae Bareli, U.P (Thesis likely to be submitted in 2022)

Raj Kumar Khalko (From 2017). Identification and functional analysis of anti-autophagic HCMV miRNAs with joint supervision of **Prof. Sangeeta Saxena**, Dept. of Biotechnology, BBAU, LKO

Aarti Priyadarshini (From 2019) —Studies on the regulatory role(s) of HCMV miRNA‘s on proapoptotic genes.‖

19. Google profile of the faculty members –

Prof. Sangeeta Saxena

	All	Since 2017
Citations	982	414
h-index	19	12
i10- index	29	14

(ii) Prof. D.R. Modi :-

	All	Since 2017
Citations	1259	638
h-index	17	12
i10- index	26	18

(iii) Dr. G. Sunil Babu:

	All	Since 2017
Citations	305	186
h-index	10	9
i10- index	12	8

(iv) Dr. Monica Sharma :-

	All	Since 2017
Citations	702	405
h-index	12	10
i10- index	13	12

(v) Dr. Yusuf Akhtar:

	All	Since 2017
Citations	1824	1335
h-index	23	20
i10- index	53	49

DEPARTMENT OF ZOOLOGY

The Department runs a Post Graduate and Under Graduate degree, in M.Sc. Zoology, M.Sc. Life Science, B.Voc. and B.Sc. Life Sciences 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 the 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:

Direct employment through mulberry cultivation, nursery management, silkworm rearing and cocoon production;

Indirect employment through Silk rearing, twisting, warping, dyeing and weaving; and

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.

Course Offered:

- ***0*** Ph. D. Zoology
- ***I*** M. Sc. Zoology
- ***II*** M. Sc. Life Sciences
- ***III*** B.Sc. Life Sciences
- ***IV*** B.Voc. Livestock Production and Management.

Facilities available in the department:

- ***0*** Laboratories for M.Sc., B.Sc. and B.Voc. Students.
- ***I*** Research Laboratories.
- ***II*** Central Instrumentation Laboratory.
- ***III*** Smart Classrooms.
- ***IV*** Departmental Library.
- ***V*** Rearing House.

Details of Faculty:

Prof. Kamal Jaiswal

Designation : Professor & Head
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 : 26 Years
Research Experience : 27 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 : 18 Years
Research Experience : 21 Years
Contact Details:
Mobile No. : +91-9235565647
Email ID : elango70@yahoo.com

Dr. Venkatesh Kumar R.

Publication Bureu, Punjab University, Chandigarh, 2021, ISBN: 81-

Designation : Associate Professor
Qualification : M.Sc. Ph.D.
Specialization : Sericulture & Natural Product Research
Teaching Experience : 17 Years

Research Experience : 17 Years
Contact Details:
Mobile No. : +91-9838616937
Email ID : drvenkateshkumarr@gmail.com

Dr. Suman Mishra

Designation : Associate Professor
Qualification : Ph. D. (Zoology)
Specialization : Parasitology
Teaching Experience : 15 Years
Research Experience : 21 Years
Contact Details :
Mobile No. : +91-9450413971
Email ID : drsumanmishra@gmail.com

Dr. Abha Mishra

Designation : Associate Professor
Qualification : Ph.D.
Specialization : Fish and Fisheries
Teaching Experience : 15 Years
Research Experience : 20 Years
Contact Details:
Mobile No. : **+**91-9450710387
Email ID : drabhamishra@gmail.com

(vi) **Dr. Sandhya**

Designation : Assistant Professor
Qualification : Ph.D. (Zoology)
Specialization : Fish Biology
Teaching Experience : 06 Years
Research Experience : Ph.D: 5 years,
Contact Details:
Mobile No. : +91-9305008071
Email ID : drsandhya@bbau.ac.in

Dr. Neeshma Jaiswal

Designation : Assistant Professor
Qualification : M.Sc., D.Phil., F.Z.S.I., F.H.S.I., FMSET-FICCB
Specialization : Molecular Parasitology, Environmental Biology
Teaching Experience : 14 Years
Research Experience : 18 Years
Contact Details:
Mobile No. : +91-8528794158
Email ID : neeshversity@gmail.com; neeshma@email.bbau.ac.in

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

Dr. Neeshma Jaiswal

FMSET-FICCB, 2021 (Fellow of Madhawi Shyam Educational Trust & International Consortium of Contemporary Biologists)

Life Member of Madhawi Shyam Educational Trust & International Consortium of Contemporary Biologists

Life Member of Environment & Social Welfare Society, Khajuraho, India, 2022

Details of Book written/edited by faculty members:

Prof. Kamal Jaiswal

(a) mPp f'k{kk ds ledkyhu lanHkZ] vkj0 lh0 lkscrh] fofiu lkscrh] dey tk;loky] ds 'kekZ] f'kYih oekZ]

85322-89-9

Details of Book Chapter in edited volume:-

Prof. Kamal Jaiswal

Parasite diversity strategies under influence of pollutants by Reshu, Anita Yadav, Rashmi Srivastava, Neerja Kapoor, Sandeep K. Malhotra, Kamal Jaiswal and Neeshma Jaiswal, Book Title Advances in Animal Experimentation and Modeling Understanding Life Phenomena Edited by Prof. Ranbir Chander Sobti, Academic Press, ISBN: 978-0-323-90583-1, 2021, Pages 427-440 https://doi.org/10.1016/C2020-0-03926-5

Dr. Neeshma Jaiswal

Entomopathogenic Protozoa. In: Omkar (eds) Microbial Approaches for Insect Pest Management. Springer, Singapore. Chapter 8: 337-384; https://doi.org/10.1007/978-981-16-3595-3_8

Parasite Diversity Strategies under influence of pollutants in Animal Experimentation and Modeling Understanding Life Phenomena, Chapter 33, p.427-440by Academic Press (Elsevier), United Kingdomhttps://doi.org/10.1016/B978-0-323-90583-1.00003-9

Parasites: Futuristic Indicators of an Altered Aquatic Environment in Advances in Animal Experimentation and Modeling Understanding Life Phenomena Chapter 34, p.441-454by Academic Press (Elsevier), United Kingdom https://doi.org/10.1016/B978-0-323-90583-1.00027-1

Paper published during the year by the faculty :-

Prof. Kamal Jaiswal

Scanning Electron Microscopy of Microsporidia Isolated from Gut Epithelium of Honey Bee (Apis mellifera) by Jaiswal Kamal, Mishra Suman and Sharma Saumya, International Journal of Zoological Investigations, forum for Biological and Environmental Sciences Published by Saran Publications, India, Vol 8, Issue 1 2022, ISSN 2454-3055 (05.01.2022) - International

In-Viro Anthelmintic Evaluation of Hibiscus rosa-Sinesis (L) And Azadirachta Indica ***0*** Leaves Against Helminth Parasite of the Goat: A Comparative Study by K. Jaiswal, S. Mishra and J. Pandey, International Journal of Pharmaceutical Sciences and Research, Jaiswal et al., IJPSR, Sep, 2021; Vol. 12(9): 4999-5004, E-ISSN: 0975-8232; P-ISSN: 2320-5148, (01.09.2021) DOI: 10.13040/IJPSR.0975-

Prof. V. Elangovan

Shani Kumar Bharty & Vadamalai Elangovan (2021). Seasonal prey availability and diet composition of Lesser Asiatic Yellow House Bat Scotophiluskuhlii Leach, 1821. JournalofThreatenedTaxa,13(8):19002–19010.DOI: 10.11609/jot.6296.13.8.19002-19010

Dr. Venkatesh Kumar R.

(a) Devika Srivastava, Vandana Singh, Umesh Kumar, and Venkatesh Kumar, R. (2021). Alpha-linolenic acid: A Pharmacologically Active Ingredient from Nature. The Indian Journal of Nutrition and Dietetics. Vol. 58 (4), 534-553, DOI:10.21048/IJND.2021.58.4.28086.

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 (2021) 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

D Kumar, MK Meena, K Kumari, R V Kumar, I Bahadur, P Jain, P Singh(2021) Exploring the effect of temperature on inhibition of non-structural protease 3 of Chikungunya virus using molecular dynamics simulations and thermodynamics parameters. Journal of molecular liquids.Vol.335,116164.

Dr. Suman Mishra

Scanning Electron Microscopy of Microsporidia Isolated from Gut Epithelium of Honey Bee *(*Apismellifera) by Jaiswal Kamal, **Mishra Suman** and Sharma Saumya, International Journal of Zoological Investigations, forum for Biological and Environmental Sciences Published by Saran Publications, India, Vol 8, Issue 1 2022, ISSN 2454-3055 (05.01.2022)–**International (UGC CARE Listed)**

Standard Approach to isolate and purify microsporidian spores from orange belted bumble bee (Bombustrifasciatus) from Kashmir (India) **by** Kamal Jaiswal, **Suman Mishra** and Saumya Sharma, International Journal of Entomology Research, Vol. 6, Issue 6, 2021, pgs. 215-218. ISSN: 2455-4758 (13.12.2021)-**International (Indexed in Web of Science WoS)**

In vitro Anthelmintic Evaluation of *Hibiscus rosa-Sinesis* (L) And *AzadirachtaIndica* (L) Leaves Against Helminth Parasite of the Goat: A Comparative Study by K. Jaiswal, **S. Mishra** and J. Pandey, International Journal of Pharmaceutical Sciences and Research, Jaiswal et al., IJPSR, Sep, 2021; Vol. 12(9): 4999-5004, E-ISSN: 0975-8232; P-ISSN: 2320-5148, (01.09.2021) DOI: 10.13040/IJPSR.0975-8232.12(9).4999-04 – **International**

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

Prof. Kamal Jaiswal

Guest of Honor, 5th *Annual* Meeting of IAZ & International Virtual Seminar on Recent Trends in Life Sciences and Biotechnology, Dept. of Biotechnology, MM(DU), Mullana-Ambala (HR), 12th – 18th December, 2021.

Chief Guest, Five Days National Workshop (Online) on ―Instrumentation‖, Govt.

Dr. Suman Mishra

International workshop on advance Statistical Data Analysis Using SPSS organized by Science Tech Institute Lucknow, Sept. 21-27, 2021

Dr. Neeshma Jaiswal

Attended, 5th Annual Meeting of International Association of Zoologists and 2nd International Virtual Seminar on Recent Trends in Life Sciences and Biotechnology, Department of Biotechnology, Maharishi Markendeshwar (Deemed to be University) Mullana - Ambala (Haryana) with IAZ, SAGE, SISTER AND OCEAN 12th Dec to 18th Dec, 2021.

Attended, International Conference on Emerging Bioscience Research for Rural and Urban Development ICEBRUD-2021, Department of Zoology, Patna University, Patna, Bihar, 21st Dec to 22nd Dec, 2021.

Attended, 3 days Webinar on Awareness of Corona Infection, Vaccination, Alternative Medicines and Management: Building a new Paradigm for Public Trust, Government College Rehti, Sehore, Madhya Pradesh, 18th October to 20th October. 2021.

Attended, ESW IX Annual National Research Conference on Impact of Environmental Stressors on Human and Disaster Management, Environment and Social Welfare Society, Khajuraho, India, 30th Jan to 31st Jan, 2022.

Details of invited lecture inside the country:

Dr. Sandhya

Dr. Sandhya delivered a lecture on ―Basic Laboratory techniques‖ and hands on training as a resource person in the Laboratory Training Program to laboratory attendants of the University held on 12th January, 2022 at BBAU, Lucknow.

Details of National Award/fellowship:

Prof. Kamal Jaiswal

Fellowship of Global Environment & Social Association (FGESA), for his commendable contribution in the field of Science, Society and Nature by Executive

Council of GESA during 3rd International Conference on Environment and Society (ICES 2021) held both offline and online mode on, December 23, 24 & 25, 2021.

Recognition Medal for his distinguished research and academic endeavor performed during the academic career on the occasion National Conference sponsored by CSIR, HRDG – New Delhi held on 21st Dec, 2021.

Recognition Medal for Being an Innovative Scientist for outstanding contribution in the field of Helminthes Taxonomy by International Association of Zoologist during 5th Annual Meeting of IAZ & International Virtual Seminar on Recent Trends in Life Sciences and Biotechnology 12th – 18th December, 2021.

Dr. Neeshma Jaiswal

Senior Scientist Award 2021 by ICCB-MSET in appreciation of the research contributions for advancement of scientific knowledge in the field of Zoological Research at 8th International Conference on Emerging Bioscience Research for Rural and Urban Development ICEBRUD-2021 held at Department of Zoology, Patna University, Patna, Bihar.

Recognition Medal 2021 in recognition of the distinguished research and academic endeavors performed during her academic career at National Conference on —Emerging trends in Environmental Toxicology and Their Impact on Management of Human Health‖ organized by Ranvir Rananjay Post Graduate College, Amethi sponsored by CSIR-HRDG, New Delhi

Details of Research Projects (major/minor):

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).

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).

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.).

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…)

Students Achievements:-

Accomplishments of Students:-

Number of students completed their Masters/graduation/Diploma	**M.Sc. Zoology**	**48**
	M.Sc. Life Sciences	**23**
	Ph.D. Zoology	**02**
Number of student selected on other Government jobs/ banking/ school teaching etc.	**Govt. job**	**01**

Ph.D. Awarded during the year:

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Savita	Prof. Kamal Jaiswal	-	Prevalence, Morphological identification and Molecular study of gastrointestinal nematode parasite in Goat.	RGNF
2.	Anjum Bee		-	Studies on Prevalence, Morphological and molecular Characterization of gastroinstinal Nematode parasite in Poultry.	UGC Non NET

Ph.D. student"s Pursuing

1.	Awanish Kumar Singh	Prof. Kamal Jaiswal	Dr. Manish 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	UGC Non-Net fellowship

			Oil		
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 hydrogels for biomedical application	UGC Non-Net fellowship
10.	Kusumala Suman	Dr. Venkatesh Kumar R.	NA	Advances in research on the utilization of pupal oil of mulberry silkworm Bombyx mori and tasar silkworm Antheraea proylei for pharmaceutical applications	UGC Non-Net fellowship
11.	Harshita Pandey	Dr. Suman Mishra	NA	Studies on the microsporidian parasites of honey bee (Apismellifera L.)	UGC Non-Net fellowship
12.	Anurag Kumar Sonker	Dr. Suman Mishra	NA	Studies on the parasitic mite affecting honey bee (Apismellifera L.)	UGC Non-Net fellowship
13.	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
14.	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
15.	Pooja Pandey	Dr. Abha Mishra	NA	Curcumin effects on biological property of freshwater catfish, Heteropneustes fossilis (Bloch,1794)	UGC Non-Net fellowship
16.	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)
17.	Anil Kumar	Dr. Abha Mishra	NA	Exploration of Heterocyclic Compounds on the Reproductive Physiology of the Freshwater Catfish, Heteropneustesfossilis (Bloch 1794)	CSIR (JRF)
18.	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

19.	Poonam	Dr. Sandhya	NA	Toxicity analysis of polycyclic aromatic hydrocarbon (PAH) on the integumentary system of carp fish	NFSC
20.	Neha Gondial	Dr. Sandhya	NA		UGC-JRF
21.	Km Reshu	Dr. Neeshma Jaiswal	NA	Epidemiological studies on helminth parasites in cat fishes of Gomati river	UGC Non-Net fellowship
22.	Pradeep Kumar	Dr. Neeshma Jaiswal	NA	Diversity and Population Dynamics of Helminth Parasites in fish of Wetland Ecosystem	UGC Non-Net fellowship
23.	Dhananjay Yadav	Dr. Neeshma Jaiswal	NA	Microfaunal Diversity and Population Dynamics of Hyperparasite Inhabiting Fishes of Gomti River at Lucknow	UGC Non-Net fellowship
24.	Abhishek Kumar Gupta	Dr. Neeshma Jaiswal	NA	In vitro characterization and anthelmintic potential of honeybee venom on certain fish parasites	UGC Non-Net fellowship

Student publications:

S. No.	Name Student/Scholar	Books	Book Chapters	Papers in UGC Listed journal	Papers in other peer review journal
1.	**RESHU**	Animal Experimentation and Modeling Understanding Life Phenomena, by Academic Press (Elsevier), United Kingdom https://doi.org/10.1016/B978-0-323-90583-1.00003-9	Parasite Diversity Strategies under influence of pollutants Chapter 33, p.427-440		
2.	**Dhananjay Yadav**			Histopathology of fenvalerate on tissues (hepatic, renal, & skeletal muscle) of *Channa punctata*. UPJOZ, 42(23): 107-114, 2021	

Google profile of the faculty members:

Prof. Kamal Jaiswal

	All	Since 2017
Citations	118	105
h-index	6	5
i10- index	4	4

Prof. V. Elangovan

	All	Since 2017
Citations	579	244
h-index	14	9
i10- index	17	9

Dr. Venkaesh Kumar R.

	All	Since 2017
Citations	814	580
h-index	15	12
i10- index	20	15

Dr. Suman Mishra

	All	Since 2017
Citations	165	67
h-index	7	5
i10- index	6	2

Dr. Abha Mishra

	All	Since 2017
Citations	391	228
h-index	9	8
i10- index	9	6

Dr. Sandhya

	All	Since 2017
Citations	133	69
h-index	5	5
i10- index	5	4

Dr. Neeshma Jaiswal

	All	Since 2017
Citations	93	68
h-index	7	5
i10- index	5	2

SCHOOL OF MANAGEMENT AND COMMERCE

School for Management Studies was established in the Year'2010 with One Department, Department of Rural Management offering one Master Course, MBA (Rural Management). Subsequently Ph.D in Management, MBA (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

Course Offered:

- Ph.D,
- MBA(Rural Management, Financial Management, Human Resource Management, Marketing Management)
- BBA

Facilities available in the department:

- Library,
- Computer Lab,
- LCD equipped Classrooms

Details of Faculty:

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)

Prof. Md. Shakil Khan
Professor
Head, DC
Specialization: Marketing, Rural Development
Qualification: MBA, M.Com and Ph.D

Prof. Amit Kumar Singh
Professor
Specialization: Human Resource Management Personal Management and Industrial Relations Carbon Management Research Methodology Organisational Behaviour Small, Scale Business
Qualification : Ph.D

Dr. Taruna Assistant
Professor
Specialization: H.R.M. OB, Stress Management
Qualification : M.B.A, Ph.D (Business Administration)

Dr. Ramesh Kumar Chaturvedi
Assistant Professor
Specialization : Consumer Research, MicroFinance
Qualification : M.B.A, PhD, MDSE, MA (Public Administration).

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

Dr. Arpit Shailesh
Specialization: Micro Finance, Financial Reporting and Analysis, Cost and Management Accounting, Financial Services, Entrepreneurship & IPRs
Qualification: Ph.D

Details of Seminar / Conference organized by the department:

Department of Rural Manangement organized Research Methodology Workshop for M.Phil, Ph.D. and PDF to ICSSR coordinated by Prof. Kushendra Mishra and Dr. Taruna from 21st to 30th March 2022.

Dr. Ramesh Kumar Chaturvedi, Organised Five days AICTE Sponsored ATAL Faculty development Program from 09-12 December 2021

Details of memorandum of Understanding signed with the national/foreign Institutions:-

DICCI, MoU
EDI, Ahmedabad (To develop Entrepreneurship among Students)

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

Cultural programs organized by students on various occasions like Ambedkar Jayanti, Foundation Day, Teachers day, Welcome, Farewell, Plantation drives etc.

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

- ***0*** AIMA - Dr. Taruna
- ***I*** ICA - Dr. Taruna
- ***II*** IAA - Dr. Taruna

Details of Book Chapter in edited volume:

Dr. Ramesh Kumar Chaturvedi

Journal Article

- **0** Abhivakti Kumari and Ramesh Kumar Chaturvedi, (July, 2021). Work Life Balance of Female Dentist versus Male Dentist with Special Reference to Uttar Pradesh. The Journal of Oriental Research Madras, 91(28), pp. 48-56 ISSN 0022-3301(UGC Care)
- **I** Kumari, A. and Chaturvedi, RK. (2021). EVOLUTION OF MICROFINANCE FROM ANCIENT TO MODERN ERA: A THEMATIC REVIEW. Kanpur Philosphers, 8(2), pp, 847-852(UGC Care)
- **II** Chaturvedi , Ramesh Kumar et al. (2022). Diferential efect of pre and post cognitive skills training program: a study on healthy young children, Smart Learning Environment, 9(1), pp, 1-19. (Springer Nature)

- Chaturvedi , Ramesh Kumar et al. (Dec, 2021). Micro-entrepreneurship opportunities during and post covid-19 role of exodus sentimentsǁ Presented paper in International Conference on —Infusing Competitiveness in Indian MSMEs: organized by EDI Ahmdabad

Students achievements:-

Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**BBA**	**52**
	MBA	**120**
Number of Student selected in Civil Services	**02**	
Number of student pursuing higher studies	**28**	
Number of student selected on other government jobs/banking/school teaching etc	**09**	
Number of Students placed through campus interview	**75**	
Number of student awarded SLET/NET/JRF/any other fellowship	**NET 05**	

Ph. D Awarded during the year:-

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Tanuja Singh	Prof. M.S. Khan		Internatinalisation of Indian Recruitment firms with specific reference to Human Capital in Delhi NCR.	SRS
2.	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.	-
3.	Arun Kumar	Dr. Ramesh Kumar Chaturvedi	-	NA	RGNF
4.	Vinay Punia	Dr. Abhilash babu	**-**	NA	RGNF
5.	Mussa Md.	Dr. Abhilash Babu	**-**	NA	NFHE
6.	Vishal Verma	Prof. Kushendra Mishra	**-**	NA	NON-NET
7.	Swati Anand	Prof. Kushendra Mishra	**-**	NA	NON-NET

8.	Neeraj kumar	Dr. Abhilash Babu	-	NA	NON-NET
(iii)	**Ph.D thesis submitted during the year**				
1.	Vandana Singh	Prof. Kushendra Mishra	Dr. Taruna	—'A study of consumer purchase intention of green products with special focus on green retailing in Uttar Pradesh	SRF
(iv)	**Ph. D student"s Pursuing**				
1	Monisha Bhatia	Prof. M.S. Khan	-	NA	NON-NET
2	Azmee Zaheer	Prof. M.S. Khan	-	NA	NON-NET
3	Abhivykti Kumari	Dr. Ramesh K. Chaturvedi	-	NA	NON-NET
4	Saumya Chandel	Prof. M.S. Khan	-	NA	JRF
5	Syed Asif Mehdi	Dr. Lata Bajpai Singh	-	NA	JRF
6	Manu Pal	Dr. Lata Bajpai Singh	-	NA	NON-NET
7	Pradeep Kumar Rai	Prof. M.S. Khan	-	NA	NON-NET
8	Neerja Rai	Prof.Kushendra Mishra			NON-NET
9	Shalini Singh	Prof.Kushendra Mishra			NON-NET
10	Sachita Srivastava	Dr. Lata Bajpai Singh			UGC-NET
11	Shiwani Singh	Dr. Taruna			UGC-NET
12	Jyoti Singh Bharti	Dr. Taruna			UGC NET JRF(NFSC)
13	Shiv Kumar Tripathi	Dr. Ramesh Kumar Chaturvedi			NON-NET
14	Salahuddin Khan	Dr. Taruna			NON-NET
15	Srishti Chaubey	Prof. Kushendra Mishra			UGC-NET
16	Sagar Chander	Dr. Taruna			JRF
17	Richa Mishra	Prof.Mohd. Shakil Khan			NON-NET

(v) **M. Phil degree awarded**					
1	Diksha Dhar	Dr. Lata Bajpai Singh			Non-Net
(vi) **M.Phil pursuing**					
1.	Roshni Kumari	Dr. Ramesh K. Chaurvedi			JRF

Google profile of the faculty members :

Prof. Kushendra Mishra

	All	Since 2013
Citations	560	--
h-index	--	--
I 10-index	--	--

Prof. Md. Shakil Khan

	All	Since 2013
Citations	--	--
h-index	--	--
I 10-index	--	--

Prof. Amit Kumar Singh

	All	Since 2013
Citations	--	--
h-index	--	--
I 10-index	--	--

Dr. Taruna

	All	Since 2013
Citations	--	--
h-index	--	--
I 10-index	--	--

Dr. Ramesh Kumar Chaturvedi

	All	Since 2013
Citations	28	60
h-index	4	3
I 10-index	--	--

Dr. Lata Bajpai

	All	Since 2013
Citations	110	109
h-index	5	5
I 10-index	5	4

Dr. Arpit Shailesh

	All	Since 2013
Citations	----	----
h-index	--	--
I 10-index	---	--

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 Course and Ph. D in Commerce. The Department is poised to traverse a new height and unknown and unconquered horizons.

Courses offered

B.Com (Hons)

Detail of faculty:-

Prof. M. S. Khan Experience- More than 21 Years **Qualification-** MBA, PhD

Google profile of the faculty members:-

Prof. M.S. Khan

SCHOOL OF MEDIA AND COMMUNICATION

Brief Description of the School:

Prof. Govind ji Pandey, Dean

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 State and Central Government Bodies. One of the films of a research scholar not only won first prize in the International Science Film Festival of India but also got appreciation from the State Government and Industry.

Students are placed in reputed organizations such as Lucknow Metro Rail Corporation, Indian Information Services, Times of India, Hindustan Times, Dainik Jagran, Amar Ujala etc. Many of the research scholars are working as Assistant Professors in Central and State Universities. A number of students are working as freelancer and started their own ventures.

Students won many awards in Science and Literature. The students are closely working with many NGO's and bringing many issues of public concern to the forefront to build public opinion. Various co-curricular activities are also conducted for an all-inclusive development of the students at School of Media and Communication.

Number of Departments: **01**
Number of faculty in each Department: **07**

DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM

Prof. Gopal Singh , Head of the Department
Introduction of the Department

The Department of Mass Communication & Journalism, started in 2008, offers Master, M.Phil. and Ph.D. programs in Mass Communication & Journalism. The basic objective of the Department is to produce skilled professionals for the exponentially expanding world of mass media, both print as well as electronic. The Department also endeavors to provide advanced and specialized professional training to the students and also caters to the higher level of demands in the profession of Mass Communication, including media & communication research and media & communication education. The Department aims and endeavors to develop into a centre of excellence in the field of Mass Communication & Journalism.

Courses offered:

Ph.D (2009)
M.Phil (2013)
M.A. (JMC) (2008)

Facilities available in the Department :-

- ***0*** Departmental Library
- ***I*** Computer Lab
- ***II*** Smart Class Room

Details of faculty:

Prof. Gopal Singh

Professor & Head

Qualification: - M.A. (English) , Cert. (Japanese Language) MJMC ,Ph.D., UGC NET-JRF

Specialization: - Film & TV Journalism, Communication Research, Health Communication

Prof. Govind Ji Pandey

Professor & Dean

Qualification- MJ, LLB, Ph.D. UGC NET

Specialization- TV and Film Studies Communication Research & Development Communication

Dr. Mahendra Kr. Padhy

Asst. Professor

Qualification: - M.A.(Economics), M.Phil(Economics) MJMC, M.Phil(J& MC), Ph.D (J&MC), JRF, UGC NET. UGC Post Doctoral Research Awardee

Specialization- Advertising, Public Relations, Development Communication, Media Research

Dr. Rachana Gangwar Asst.

Professor

Qualification: - Ph.D.

Specialization: - Cross cultural Communication, Communication Research ,Communication Theories, Folk Communication

Dr. Kunwar Surendra Bahadur

Asst. Professor

Qualification: - MA (Psychology) MJMC,Ph.D , UGC NET

Specialization: Advertising, Public Relations, Development Communication, New Media and Communication Research

Dr. Lok Nath

Asstt. Professor

Qualification: - M.A.(Psychology) MJMC, Ph.D (J&MC), UGC NET, Dr.S.Radhakrishnan Post Doctoral Fellowship UGC, New Delhi **Specialization:** Communication theory and research, New media and PR

Dr. Arvind Kumar Singh Asstt.

Professor

Qualification: - MJMC ,Ph.D., UGC NET-JRF

Specialization:- Development communication, Electronic media and new media

Details of the Seminar/Conference/Webinar organized by the Department:

Folk Media and Outreach Programmes, Department of Mass Communication and Journalism
Date 18 - 25 October 2021

Members/fellowship of professional/Academic bodies/editorial :-

Prof. Gopal Singh:

a. RAC Member of Department of Journalism and Mass Communication, KMCLU

- ***0*** DRC member of Doon University, Dehradun.
- ***I*** DRC member of Himanchal Pradesh University, Shimla
- ***II*** DRC member of Veer Bahadur Singh Purvanchal University, Jaunpur
- ***III*** Member of Advisory Committee in Doon University, Dehradun.
- ***IV*** Member of Board of Studies Veer Bahadur Singh Purvanchal University, Jaunpur
- ***V*** Member of Board of Studies in Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

Prof. Govind ji Pandey :

- ***0*** BPGS member , UPRTOU, Allahabaad .
- ***I*** BPGS member ,Awadh University , Faizabaad
- ***II*** BPGS Member, DMCJ, Kushabhau Thakre University, Raipur.
- ***III*** Mahatma Gandhi Central University Research Advisory Committee Member .
- ***IV*** Guru Ghasidas Vishvidyalaya , Bilaspur (C.G.) Board of Studies Member

Dr. M.K. Padhy

- ***0*** Life Member, Indian science Association, Kolkata.
- ***I*** Life Member, Indian science Writers association, New Delhi
- ***II*** Life Member, Indian Public administration association, New Delhi
- ***III*** Life Member, Social Science Associations

Dr Rachana Gangwar :

- ***0*** Member of editorial board, Sanchar Sarokar, International multidiscipline research journal, New Delhi
- ***I*** Member of Referee Board in —Radha Kamal Mukharji Chintan Paramparall a UGC Care listed research journal.
- ***II*** Member of editorial board , Anvesha- a biannual multidisciplinary E-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 Smitill an NGO

Dr Kuwanr Surendra Bahadur

- ***0*** Member ,Indian Science Communication Writer‘s Association
- ***I*** Member , Distance Education Bureau.

Dr. Lok Nath :

- ***0*** BPGS member , UPRTOU, Allahabaad .

Dr. Arvind Kumar Singh

- ***0*** Life Member of Indian Science writers association, New Delhi.
- ***I*** Life Member of Indian Science Communication Society. Lucknow.
- ***II*** Associate editor, Kahar, Multilingual magazine from Lucknow.

d. Member of Editorial board, Shodh Sanchyan International Research Journal, New Delhi.

Member of International Youth Hostel Association of India.

Details of Books written/edited by faculty members:-

- Health Communication, Environment and Develpopment Sustainability author **Dr. M.K. Padhy** Published by Indu Publisher. ISSBN 978-93-9137-37

Details of Book Chapter in edited volume:-

Dr Mahendra Kumar Padhy -

- Indian Economy: Deceleration and Unsustainability " Lifestyle Communication and Development"Editor Prof. NMP Verma , Publisher Devyani Publisher, New Delhi : ISSBN Number 978-81-910764-9-3

Dr Kunwar Surendra Bahadur --

- Bhartiy lok kala ke badalte aayam, " Lok kalaon ka swasthy sanchar me upyog" Editor Mr. Girish Shastri , Publisher Notion Press , Chennai . ISSBN 9781685541170
- Bhartiy lok kala ke badalte aayam," Valmiki ramayan melokkala ke tatv " Editor Mr. Girish Shastri , Publisher Notion Press , Chennai . ISSBN 9781685541170

Dr. Lok Nath --

- Bharat ki Lok Kalyen evon Bhojpuri Cinema," Social Media Mein Bhojpuri Cinema" Editor Prof.GovindJiPandey & Dr. HariNath Kumar , Publisher University Publication, Ansari Road , New Delhi. ISSBN Number 978-81-951512-2-6

Dr Arvind Kumar Singh

- Bharat ki Lok Kalyen evon Bhojpuri Cinema," Lok Kalaye - Nai Ummid evon Sambhavaye (40 - 52)" Editor Prof.GovindJiPandey & Dr. HariNath Kumar , Publisher University Publication , Ansari Road , New Delhi. ISSBN Number 978-81-951512-2-6
- Bharat ki Lok Kalyen evon Bhojpuri Cinema." Bhojpuri Film : Nai Sambhavanaye evom Film (163 - 178) Editor Prof.GovindJiPandey & Dr. HariNath Kumar , Publisher University Publication , Ansari Road , New Delhi. ISSBN Number 978-81-951512-2-6
- Adivasi Akanshayen aur New Media," Bharat Mai Janjatiya Samaj" Editor Dr.Nagendra Kumar Singh, Publisher Shivalik Publication,Ansari Road , New Delhi 978-93-8719574-5

Paper Published during the year by the faculty members :-

Dr. Mahendra Kumar Padhy

- Shodh Samagam Research Journal," Role of Social Media in Creating Environmental Awareness in Lucknow" Jan-March 2022,Volume 05, Issue 01 ,(263 - 269) Peer reviewed, Impact Factor 6.7 2582-1792
- (Shodh Sarita: an International Bilingual Peer Reviewed Refereed Research Journal(UGC CARE Listed Journal," GREEN LIFESTYLE FOR DEVELOPMENT SUSTAINABILITY : A PARTICIPATORY RURAL COMMUNICATION APPROACH FROM CONSUMPTION TO INFORMATION DISSEMINATION Jan-March, 2021,Volume 08 (128-133) UGC CARE Listed Journal - 2348-2397
- Shodh Dristi International Journal," Lifestyle Communication, Media and Environmental Sustainability: A Participatory Approach July 2021,Volume 11 (209 - 218) Peer reviewed Impact Factor5.4 09766650

Dr Kunwar Surendra Bahadur-

- Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal), " A study on use and effectiveness of twitter in the management of COVID-19 related communication in select four district of Uttar Pradesh India. Dec.2021 (1-Peered reviewed ISSN (Online)-2710-2432ISSN (Print)-2710-2424Vol-02-Issue-01; January-2022

b. Bayan College International Journal of Multidisciplinary Research(A peer reviewed international Journal) ," Journalism of Dr. Ambedkar and contemporary independence online journalism. Dec.2021 (28-32) Peered reviewed ISSN (Online)-2710-2432ISSN (Print)-2710-2424Vol-02-Issue-01; January-2022

c. Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal ," A brief study on negative effects of social media on youth. June 2021 (1-17) Peered reviewed ISSN (Online)-2710-2432ISSN (Print)-2710-2424Vol-1-Issue-2; June-2021

Dr. Lok Nath --

a. Sancharmadhyam, " Social Media kesandarbh me cyber apradhkaadhyayan" January – June 2022, Vol 34 (1) (105-111) - 2321-2608

Dr Arvind Kumar Singh –

- Shodh Sanchayan, "Fake Samacharon ka Adhyayan " July - December 2021, Vol 12 - no – 2 Peered reviewed ISSN no. 09751254
- Communication Today, "Impact of Digital Photography on Our Life" January - June 2022 (217 -228) Vol.26, No 1,2, Peered reviewed 0975 - 217 X

Attended/participated in Conferences/seminar/workshop / FDP inside Country:-

Mahendra Kumar Padhy, National E-Conference on Participatory Media of Development Sustainability ,Shoolini University, Himachal Pradesh , 2nd December,2021.

ii. Mahendra Kumar Padhy,International Conference on Communication Trends and Practices in Digital Media ,Amity University, Noida, UP ,29-30 March,2022

Mahendra Kumar Padhy,International Conference on Building and Strengthening Ecosystem for Children,Patrician College, Chennai ,6-8th of April,2022.

Mahendra Kumar Padhy, International Conference on Lifestyle Commn for Development sustainability, ASEDS & Goyal Institute of Higher Studies, 4-5th March, 2022.

Mahendra Kumar Padhy International Conference on Role of Media in spreading awareness of viral hepatitis among the youth (ABROAD) Tampare University, Finland ,12-17th July 2021.

vi. Mahendra Kumar PadhyFDP, Communication Design ,IMSUNISON UNIVERSITY, 25-26 Feb,2022

vii. Mahendra Kumar PadhyIndian Folklore, Culture and Traditions CPDHE, New Delhi 27th December,2021-8th January,2022

Rachana Gangwar, FDP, Understanding Communication Design in media Teaching, Journalism and Mass Communication Department ,Tilak Maharashtra Vidyapeeth, Pune.26-30 October ,2021.

Rachana Gnagwar, online webinar, Unequal pay : Gender Discrimination at News- Media Workplace, National Women Commission and Manav Rachana International Institute of Research and Studies, 11October,2021.

Kunwar Surendra Bahadur, 23rd national webinar of the webinar series of communication today on cartoon and contemporary social issues, Communication today, 1.04.2021

Kunwar Surendra Bahadur, 42nd national webinar of the webinar series of Communication Today in Association with Department of Mass Communication & Journalism MANUU, Hyderabad on 200 Years of Urdu Journalism , Communication today, 20th March,2022

unwar Surendra Bahadur, FDP, Sahitya,media,manovigyan,etihas aur vanijya: srijnatmkta aur navachar Teacher learning centre,Ramanujan college, University of Delhi, 06-20 Nov. ,2021

Lok Nath, FDP,"SAHITYA, MEDIA, MANOVIGYAN, ITIHAS AUR VANIJYA: SRIJANTMAKTA AUR NAVACHAR " organized by Teaching Learning Centre Ramanujan College, University of Delhi. Sponsored by Ministry of Education Pandit Madan Mohan

Malaviya National Mission on Teachers and Teaching.06-11-2021 To 20-11-2021

Lok Nath , 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.

Lok Nath, Two days Online Workshop on DATA JOURNALISM by Department of Journalism and Mass Communication, LPCPS on 14th and 15th July 2021.

Details of invited lectures / Paper presentation inside country-

Gopal Singh, International Conference on Media Education and National Education Policy – 2020: A Trans – Disciplinary Global Perspective, Rajiv Gandhi University, University of Hyderabad, GGSI University Manipur University & Tripura University, 15-16 November, 2021

Gopal Singh, Communication Modalities and Audience Engagement in the Networked Environment, Dhaka Media Summit 2022 on Future of Journalism, 11th March, 2022.

Gopal Singh, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA University supported by NCSTC(DST) New Delhi

iv. गोविन्द जी ऩोडेय,) ऩ नग ध (न ग न 23 न ,2022

Govind Ji Pandey , Understanding Visual Analysis Techniques, School of Journalism Mass Communication and New Media, Central University of Himachal Pradesh, Dharamshala Special Lecture on 24th January ,2022 .

Govind Ji Pandey .Research , Innovation & Ranking , New Education Policy on 25 September , 2021

Govind Ji Pandey .Educate to Elevate , Emotional Fitness: The key to Success on 30 November 2021

Govind Ji Pandey .Educate to Elevate , Emotional Fitness: The key to Success on 27 November 2021

ix. गोविन्द जी ऩोडेय, न औ : 11 न ,2021

x. ग ऩ , ग ध , न ग , ग न २३ न 2021

Govind Ji Pandey, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA University supported by NCSTC(DST) New Delhi

Mahendra K Padhy, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA University supported by NCSTC(DST) New Delhi.

Mahendra K Padhy,Science Communication, Media and Society, National Webinar Series of Communication Today on 28/02/2022.

Rachana Gangwar, Effect of misinformation during Covid-19‖, International web conference on — Covid-19 SecondWave: Challenges for Sustainable Development (CCSD 2021) , 14th September, 2021.

Rachana Gngwar , Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA

University supported by NCSTC(DST) New Delhi

Kunwar Surendra Bahadur, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA University supported by NCSTC(DST) New Delhi

Kunwar Surendra Bahadur, Sahitya evam media ka samaj par prabhav ka adhyayn : visheshkar yuvao ke sandarbh me , Sahitya, media,manovigyan,etihas aur vanijya: srijnatmkta aur navachar Teacher learningcenter,Ramanujan college, University of Delhi.

Lok Nath, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students,Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folkmedia and Outreach Programme,BBAU Organiser Indian Science Communication Society and BBAUniversity supported by NCSTC(DST) New Delhi Date 18-25 October , 2021.

Lok Nath, Sahitya evam media ka samaj par prabhav ka adhyayn : visheshkar yuvao ke sandarbh me, Sahitya, media,manovigyan,etihas aur vanijya: srijnatmkta aur navachar Teacher learning centre,Ramanujan college, University of Delhi

Arvind Kumar Singh, Workshop on Folk Media and Outreach Programme -Science Awareness Creation Among Students, Teachers, General Public to fight against Covid-19 and Other related Viruses through Traditinal and Folk media and Outreach Programme ,18-25 October , 2021 BBA University Indian Science Communication Society and BBA University supported by NCSTC(DST) New Delhi

Arvind Kumar Singh, Online Vanijya aur Vigyapan ka Prabhav, Sahitya, media, manovigyan, etihas aur vanijya: srijnatmkta aur navachar Teacher learning centre, Ramanujan college, University of Delhi

Accomplishment of the students:-

0 **Faculty wise supervision of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/degreeawarded**

S.No.	Student Name	Supervisor Name	Course	Topic	Award
01	Sahab Kumar	Dr. Arvind Kr. Singh	M.Phil (JMC)	A Comparative content analysis of prime time Hindi news programmes (Indian national news channels)	2021
02	AshutoshKumar Rai	Prof. Govind Ji Pandey	M.Phil (JMC)	भारिीय र्सनेमा ऩर इप्टा का प्रभि	2021
03	Ruchika Kumari	Dr Rachana Gangwar	Ph.D.		2021

Number of student completed theirMasters/Graduation/Diploma

S. No.	Course Name	No. of Students	Year
1	M.A. (JMC)	37	2021

Details of students selected for teaching in highereducation.

S.N.	Name of Student	Pass out	Teaching Higher Education
01	Shachindra Shekhar Shakunt	Ph.D	Khwaja Moinuddin Chishti Language University
02	Brijendra Kumar	Perusing Ph.D	U.P. Higher Education
03	Arun Kumar	Ph.D	Gautambuddha university.Noida
04	Ruchika Kumari	Ph.D	Gautambuddha university.Noida
05	Vishal Sharma	M.A.	Chatrapati Sahu Ji Maharaj Univaesity , Kanpur
06	Yogendra Pandey	Ph.D	Chatrapati Sahu Ji Maharaj Univaesity , Kanpur
07	Kritika Agrawal	Ph.D	Babu Banarasi Das University , Lucknow

Number of students pursuing higherstudies

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

(v) Number of student awarded SLET/NET/JRF/any otherfellowship:-

S.No.	Year	NET	JRF
1.	2021	05	**02**

(vi) Details of the Publications of the students (Books/Article/Books"chapter):-

S.N.	Chapter and Page number	Name of Book	Editor	Publisher	Place	ISSBN Number
1.	Lok kalaon ka swasthy sanchar me upyog	Bhartiy lok kala ke badalte aayam	Girish Shastri	Notion Press	Chennai	9781685541170
2.	Valmiki ramayan me lokkala ke tatv	Bhartiy lok kala ke badalte aayam	Girish Shastri	Notion Press	Chennai	9781685541170

S.No	Research Article	Name of the Journal	Date and Issue and Volume	Pages	Whether Peered reviewed/ UGC Listed	ISSN No.
3.	Journalism of Dr. Ambedkar and contemporary independence online journalism. (Girish Shastri)	Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal)	Dec.2021	1-5	Peered reviewed	ISSN (Online)-2710-2432ISSN (Print)-2710-2424Vol-02-Issue-01; January-2022
4.	A brief study on negative effects of social media on youth.	Bayan College International Journal of Multidisciplinary Research (A peer reviewed international Journal)	June 2021	1-17	Peered reviewed	ISSN (Online)-2710-2432ISSN (Print)-2710-2424Vol-1-Issue-2; June-2021

SCHOOL OF PHARMACEUTICAL SCIENCE

Introduction: The School of Pharmaceutical Sciences was formed in 2020 with a motive of fostering interdisciplinary research for the benefit of society at large. It is an important interdisciplinary faculty in the University which aims at developing as a centre of excellence, especially in the present day era of knowledge explosion. The school is dedicated to studies and research on the state of the art areas of Pharmaceutical Sciences.

Number of Departments: 01

Department of Pharmaceutical Sciences

Number of faculty in each Department:

(i) Department of Pharmaceutical Science: **07 (Seven)**

Dr. Sudipta Saha (Demise on 03 Nov 2021)
Dr. Sapana Kushwaha (On Lien for period of two years w.e.f 05-08-2021A/F)

DEPARTMENT OF PHARMACEUTICAL SCIENCES

The Department of Pharmaceutical Sciences was established in 2010. It offers M.Pharm and Ph.D. programs in Pharmacology , Pharmaceutics & Pharmaceutical Analysis. The permanent faculty members are well qualified and are experts in the field of Pharmaceutical Sciences to enable a holistic environment of learning. The Department is well equipped with state of the art infrastructure and equipments. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell Springer-Verlag. Taylor & Francies and so on. Being placed at Lucknow, networking is possible with institutes like CSIR-CDRI, CSIR-CIMAP, SGPGI and so on. Alumni of the Department are placed in the industry, drug regulatory affairs, teaching and a host of other profiles. The Department has secured Extramural Research Grants from various funding Agencies like ICMR, UGC, SERB, DST and DBT of more than 3.5 crore.

Course Offered:

M.Pharm (Pharmaceutics)
M.Pharm (Pharmacology)
M.Pharm (Pharmaceutical Analysis)
Ph.D. Pharmaceutical Sciences

Facilities available in the Department:

Pharmaceutics Lab I and II
Pharmacology Lab I and II
Pharmaceutical Analysis Lab
Smart Class Rooms
Library
Office
Seminar Hall
Computer Lab

Details of Faculty:

- ***0*** **Prof. Gaurav Kaithwas**
  Professor & Head Department of Pharmaceutical sciences
  Dean, School of Pharmaceutical Science

Specialization: Pharmacology
Qualifications: M.Pharm., Ph.D.

I **Prof. Shubhini A. Saraf**
Professor Department of Pharmaceutical sciences
Specialization: Pharmaceutics **Qualifications:**
M.Pharm., Ph.D.

II **Dr. P.S Rajinikanth**
Associate Professor Department of Pharmaceutical sciences
Specialization: Pharmaceutics
Qualifications: M. Pharm., Ph.D.

III **Dr. Sudipta Saha (Demise on 03 Nov 2021)**
Assistant Professor Department of Pharmaceutical sciences
Specialization: Pharmaceutical Chemistry **Qualifications:**
M. Pharm., Ph.D.

IV **Dr. Vikas Mishra**
Assistant Professor Department of Pharmaceutical sciences **Specialization:** Pharmacology
Qualifications: M. Pharm., Ph.D.

V **Dr. Sapana Kushwaha (On Lien, August 2021)**
Assistant Professor Department of Pharmaceutical sciences **Specialization:** Pharmacology
Qualifications: M.S.(Pharm), Ph.D

VI **Dr. Vijayakumar M.R.**
Assistant Professor Department of Pharmaceutical sciences **Specialization:** Pharmaceutics
Qualifications: M. Pharm., Ph.D.

Details of Seminar / Conference organized by the Department:

0 Conference Title: Skill Development Program on Publication, Systemic Review and Meta Analysis. Date: 17 Nov-2021

I Webinar on Intellectual Property Rights with Patent cell, BBAU and RGNIIPM Nagpur, Ministry of Commerce & Industry Government of India, September 7th 2021

II Webinar —Pharma R&D Industryll Seminar on Pharmaceutical Excipients, Speakers Mr. Ajay Kumar & Dr Sundeep Chaurasia, BBAU, LKO on 30 June-2021

Other Departmental level Academic Activities:

0 Cleanliness drive under Swashhta Pakhwada organized by the department on 15-Sep-2021

I Scientific Reading and Comprehension Self Assessment Module, 28th October to 11th October 2021, Project MANAV, with Indian Institute of Science Education and Research (IISER) - Pune

Co-curricular/Extra-curricular/ Sports Activity by the Department:

National Pharmacy Week: First Aid kit Distribution at Primary school, Quiz competition, Cricket, Rangoli, Badminton.

Covid Vaccination Awareness Program at village Miranpur Pinvat 4th Oct 2021

Visitors to the Department from outside the country:-

Invited Lecture, "Importance of professionalism and ethics in pharmacy profession‖ by Dr Rohit Verma, Head, Department of Pharmaceutical Practice, IMU, Malaysia(online) on the occasion of World Pharmacist Day on 25-09-2021

Members/fellowship of professional/academic bodies/editorial board

Prof. Gaurav Kaithwas

- *0* Head and Dean
- *I* Associate Dean Academic Affairs (ADAA) in all academic programs.
- *II* Member of Board Post Graduate studies of Department of Pharmaceutical Sciences.
- *III* Member of Departmental Research Committee of Department of Pharmaceutical Sciences.
- *IV* Member of Institutional Library Purchase Committee.
- *V* Member in BBAU Alumini cell

Prof. Shubhini A.Saraf

- *0* Current Drug Discovery Technologies: Editorial Advisory Board Member 2019-21
- *I* International Journal of Science Technology and Society (A BBAU journal): Editor in Chief 2019-21
- *II* A.P.T.I. Women's Newsletter: Editor 2019-21
- *III* Guest Editor —Current Pharmaceutical Design (C.P.D.)‖ (Volume 26; Issue 42),2020 Bentham Science.
- *IV* Life member
- *V* Indian Pharmaceutical Association (I.P.A.)
- *VI* Indian Pharmaceutical Graduate Association (I.P.G.A.)
- *VII* Association of Pharmacy Teachers of India (A.P.T.I.)
- *VIII* Society of Pharmacovigilance (India) (ISP)
- *IX* L.A.S.A.I.

Dr. P.S Rajinikanth

- *0* Malaysian Pharmaceutical Society
- *I* Controlled Release Society, Malaysia Chapter
- *II* Tamilnadu Pharmacy Council
- *III* Indian Pharmaceutical Graduates association

Dr. Vikas Mishra

- *0* Indian Academy of Neurosciences, INDIA- Life member since 2009
- *I* Society for Neurochemistry, INDIA- Life member since 2010
- *II* Indian Pharmacological Society, India- Life member since 2019
- *III* Translational Biomedical Research Society, India- Life member since 2019
- *IV* Reviewer for - Neuroscience Journal, PLOS ONE Journal, Seizure: European

Guest Associate Editor/ Review Editor : Frontiers in pharmacology, Frontiers in behavioural neuroscience, Frontiers in system neuroscience, Frontiers in neuroscience, Frontiers in psychiatry, Frontiers in neurology

Dr. Sapana Kushwaha

- **0** Member of Indian Pharmacological Society,India
- **I** Member of Society of Toxicology(STOX), India
- **II** Member of Society of Toxicology (SOT), USA

Details of Book Chapter in edited volume: i.

Prof. Shubhini A. Saraf

Bioadhesive and phase-change polymers for drug delivery Smart Polymeric Nano-Constructs in Drug Delivery: Concept, Design and Therapeutic Applications ISBN: 9780323912488 Elsevier,2021

siRNA polymer conjugates for the delivery of RNAi therapeutics for the treatment of Parkinson‘s disease Nanomedical Drug Delivery for Neurodegenerative Diseases, 81-98 ISBN: 9780323898010 Elsevier,2022

Bridging Bio-Nanoscience and Cancer Nanomedicine Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery ISBN:9783030833954 Springer,2022

Surface Modification of Nanoparticles for Macrophage Targeting Macrophage Targeted Delivery Systems, 169-187 ISBN: 978-3-030-841645 Springer, 2022

ii. Dr. P.S. Rajinikanth

Manuscript of chapter titled, ―Biomaterial Based Nanofibers for Drug Delivery Applicationsǁ in the volume Translational Biomedical Research, Medicine and Disease and it is under the press (Springer).

iii. Dr. Vijayakumar M.R.

Preclinical evidence of the therapeutic role of pterostilbene: Focus on the mitochondria Mitochondrial Physiology and Vegetal Molecules Publisher: Academic Press 978-0-12-821562-3

Paper Published during the year by the faculty members :-

Prof. Gaurav Kaithwas

Repurposing combination therapy of Voacamine with Vincristine for downregulation of hypoxia inducible factor fatty acid synthase Coaxis and Prolyl Hydroxylase activation in ER mammary neoplasia. **(Frontiers in cell and developmental Biology, I.F- 7,** 18**-11-2021).**

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, I.F- 4, 05-06-2021).**

Modulation of Host Immune Response Is an Alternative Strategy to Combat SARS CoV Pathogenesis. (Frontiers in Immunology I.F-8, 08-07-2021).

Repurposing mechanistic insight of PDE inhibitor in cancer chemoprevention through mitochondrial oxidative stress intervention and blockade of DuCLOX signaling. (BMC cancer, I.F- 4, 24-12-2021).

Prolyl hydroxylase a promising target to inhibit hypoxia induced cellular metabolism in cancer cells. (Drug Discovery Today, I.F-8, 24-12-2021).

Pectin encrusted gold nanocomposites containing phytic acid and jacalin dimethylhydrazine induced colon carcinogenesis in Wistar rats PK Akt COX and serum metabolomics as potential targets. (Drug delivery and translational research, I.F- 4, 24-12-2021).

ii. Prof. Shubhini A.Saraf

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

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

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Priyanka Maurya , Abhiram Kumar , Samipta Singh , Raquibun Nisha , Ravi Raj Pal , Manish Kumar Chourasia, Shubhini Awasthi Saraf,,Bio-Analytical Method Development for Estimation of Levofloxacin: Application in Estimation of Drug in Nano-formulations and Pharmacokinetic Studies, Indian Journal of Pharmaceutical Education and Research (55) Issue 3(Suppl) ,Jul-Sep, 2021 IF 0.60

Pal, R.R., Maurya, A.K., Parashar, P. et al. A Comparative Study of Levocetirizine Loaded Vesicular and Matrix Type System for Topical Application: Appraisal of Therapeutic Potential against Atopic Dermatitis. J Pharm Innov 16, 469–480 (2021)

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

Jovita Kanoujia, Mohammed Faizan, Poonam Parashar, Neelu Singh, Shubhini A. Saraf, Curcumin loaded sericin nanoparticles: Assessment for biomedical application, Food Hydrocolloids for Health, Volume 1,2021,100029

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

Shubhini A Saraf, Poonam Parashar, Yogesh Kumar, Jovita Kanoujia, Indu Singh, Coformer Selection and Engineering of Co Crystals of Felodipine for Enhanced Solubility: Thai journal of pharmaceutical sciences, 2021 (accepted Manuscript)

iii. Dr. P.S. Rajinikanth:

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. (IF-6.95)

Jaiswal S, Rajnikanth PS, Thakur S, Deepak P, Anand S. A Review on Novel Ligand Targeted Delivery for Cardiovascular Disorder. Current Drug Delivery. 2021. (IF- 2.5)

Anand, S.; Pandey, P.; Begum, M.Y.; Chidambaram, K.; Arya, D.K.; Gupta, R.K.; Sankhwar, R.; Jaiswal, S.; Thakur, S.; Rajinikanth, P.S. Electrospun Biomimetic Multifunctional Nanofibers Loaded with Ferulic Acid for Enhanced Antimicrobial and Wound-Healing Activities in STZ-Induced Diabetic Rats. Pharmaceuticals 2022, 15, 302. (IF 5.89)

Anand S, Rajinikanth PS, Arya DK, Pandey P, Gupta RK, Sankhwar R, Chidambaram K. Multifunctional Biomimetic Nanofibrous Scaffold Loaded with Asiaticoside for Rapid Diabetic Wound Healing. Pharmaceutics. 2022 Feb;14(2):273. (IF 6.35)

Gautam, A. K., Kumar, P., Raj, R., Kumar, D., Bhattacharya, B., Rajinikanth, P. S., Chidambaram, K., Mahata, T., Maity, B., & Saha, S. (2022). Preclinical Evaluation of Dimethyl Itaconate Against Hepatocellular Carcinoma via Activation of the e/iNOS-Mediated NF-κB-Dependent Apoptotic Pathway. Frontiers in pharmacology, 12, 823285. (IF 5.86)

iv. Dr. Sudipta Saha

Pranesh Kumar, Mohit kumar, Anurag Kumar Gautam, Archana Bharti Sonkar, Abhishek Verma, Amita Singh, Raquibun Nisha, Umesh Kumar, Dinesh Kumar, Tarun Mahata, Bolay Bhattacharya, Biswanath Maity, Abhishek Pandeya, Sunil Babu Gosipatala, Sudipta Saha. Ameliorative effect of fluvoxamine against colon carcinogenesis via COX-2 blockade with oxidative and metabolic stress reduction at the cellular, molecular and metabolic levels. BBA Advances, 2022. Publisher, Elsevier

Anurag Kumar Gautam, Pranesh Kumar, Ritu Raj, Dinesh Kumar, Bolay Bhattacharya, PS Rajinikanth, Kumarappan Chidambaram, Tarun Mahata, Biswanath Maity, Sudipta Saha. Preclinical evaluation of dimethyl itaconate against hepatocellular carcinoma via activation of e/iNOS mediated NF-κB dependent apoptotic pathway. Frontiers in Pharmacology, 2022 (Impact factor- 5.810). Publisher, Frontiers

Amita Singh, Pranesh Kumar, Archana Bharti Sonkar, Anurag Kumar Gautam, Abhishek Verma, Biswanath Maity, Himani Tiwari, Nanda Gopal Sahoo, Amit K Keshari, SK Yadav, Sudipta Saha. A Comprehensive Review on PCSK9 as Mechanistic Target Approach in Cancer Therapy. Mini-Reviews in Medicinal Chemistry, 2021 (Impact factor- 3.862). Publisher, Bentham Science

Archana B Sonkar, Pranesh Kumar, Anurag Kumar Gautam, Biswanath Maity, Monika Matiyani, Nanda Gopal Sahoo, Sudipta Saha. New Scope of Targeted Therapies in Lung Carcinoma. Mini-Reviews in Medicinal Chemistry, 2021 (Impact **factor- 3.862**) **Publisher, Bentham Science**

v. Dr. Vikas Mishra

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, 97: 135-149 (2021)

Vipul Agarwal, Arjun Singh Kaushik, Mujeeba Rehman, Rishabh Chaudhary, Talha Jawaid, Mehnaz Kamal, Vikas Mishra, ―Interleukin-6 expression and its modulation by diacerein in a rat model of chronic stress induced cardiac dysfunction―, Heliyon, 7: e08522 (2021)

Rishabh Chaudhary, Vipul Agarwal, Mujeeba Rehman, Arjun Singh Kaushik, Vikas Mishra, ―Genetic architecture of motor neuron diseases,‖ Journal of the Neurological Sciences, 434: 120099 (2022).

vi. Dr. Sapana Kushwaha

Itishree Dubey, Priyanka Prajapati, Areesh Zehra, Sapana Kushwaha, Richa Shrivastava. ―A Novel Insight into Signaling Pathways, Animal Models, and Interventions in Psychological Stress Induced Muscle Atrophy‖, ―EC Pharmacology and Toxicology‖, 2022.

Chattopadhyay, S., Joharapurkar, A., Das, N., Khatoon, S., Kushwaha, S., Gurjar, A. A., Singh, A. K., Shree, S., Ahmed, M. Z., China, S. P., Pal, S., Kumar, H., Ramachandran, R., Patel, V., Trivedi, A. K., Lahiri, A., Jain, M. R., Chattopadhyay, N., & Sanyal, S. (2022). Estradiol overcomes adiponectin-resistance in diabetic mice by regulating skeletal muscle adiponectin receptor 1 expression. Molecular and cellular endocrinology, 540, 111525.

Das, S., Shukla, N., Singh, S. S., Kushwaha, S., & Shrivastava, R. (2021). Mechanism of interaction between autophagy and apoptosis in cancer. *Apoptosis : an international journal on programmed cell death*, *26*(9-10), 512–533.

Gautam G., Singh S., Maurya P., Singh M., Kushwaha S., Shubhini S.A. (2021) Appraisal of Nano-Lipidic Astaxanthin cum Thermoreversible Gel and its Efficacy in Haloperidol Induced Parkinsonism. *Current Drug Delivery.* 10 (18), 1550-1562.

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

Dr. P.S Rajinikanth

Presented poster entitled ―Optimization, Characterization and In-vitro Evaluation of N-Acetylcysteine Loaded Olive Oil Based Nanostructured Lipid Carriers (NLC) for management of Ischemic Stroke‖ in 8th Current Trends in Drug Discovery Research symposium held at CSIR-CDRI, Lucknow on March 12-14, 2022.

Presented poster on ―Development and Characterization of dual drug-loaded TPGS-Chitosan coated liposome for Synergistic Effect of 5-Fluorouracil-Curcumin in Drug-Resistant Breast Cancer‖ in 2nd World Congress on Pharmacology-2022 ‗Drug

Discovery and Development‘ held on 30th January 2022 organized by BioGenesis Health Cluster, Bengaluru, India.

Presented an Oral Presentation entitled "Targeted Nanomedicines as an effective tool for Breast Cancer Therapy" at the International e-Conference on ―Recent Trends in Health and Diseases‖ held in the University of Lucknow, Lucknow, India during 19-21 January 2022.

Poster presentation on ―Local Delivery of 5-FU and Curcumin Co-loaded Nanofiber in Prevention of Breast Cancer Recurrence after Mastectomy‖ in 2nd World Congress on Pharmacology-2022 _Drug Discovery and Development‘ held on 30th January 2022 organized by BioGenesis Health Cluster, Bengaluru, India.

Poster presentation on _Combined therapy for Psoriasis: Management and its treatment‘ in International Conference on Formulations in Food and Healthcare 2021(ICFFH) organized virtually from 8th-11th March 2021

Poster presentation on ―Nanofibers anchored combined therapy: an approach for psoriasis treatment and its management ―2nd World congress on pharmacology‖ drug discovery and development 2022, organized virtually on Sunday, January 30th 2022.

Poster presentation on ―Development and characterization of nanoparticles for myocardial infarction‖ 2nd World congress on pharmacology, drug discovery and development 2022, organized virtually on Sunday, January 30th 2022.

Presented poster on the topic ―Silk-Biomaterial based nanofibers for diabetic wound healing‖ in 5th International Conference on Innovative Approaches in Applied Sciences and Technology held from 3rd-5th December 2021 in Babasaheb Bhimrao Ambedkar University, Lucknow.

Oral presentation on the topic, ―Nanofiber based smart wound dressing Loaded with Asiaticoside for Diabetic Wound Healing‖ in 2nd world congress on Pharmacology, 2022 held virtually on 30th January 2022.

ii. Dr. Vikas Mishra

―Managing Online Classes & Co- creating MOOCS 7.0‖, Aug 5-19,202, Faculty Development Programmee conducted by Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi (online)

―Importance of Professionalism and Ethics in Pharmacy Profession‖, Sept 25, 2021, seminar organised by Department of Pharmaceutical Sciences on occasion of World Pharmacist Day, Babasaheb Bhimrao Ambedkar University, Lucknow

―Intellectual Property Rights‖, Sept 7, 2021, webinar organised by patent cell, Babasaheb Bhimrao Ambedkar University, Lucknow

iii. Dr. Sapana Kushwaha

Priyanka Prajapati, Sapana Kushwaha. ―An angiotensin receptor blocker attenuates the skeletal muscle atrophy in high fat diet induced aging in sarcopenic rat‖; Current Trends In Drug Discovery Research CTDDR 2022, International Conference on CDRI, India, March 12th to14th, 2022. (Presented Poster)

Anand kumar and Sapana Kushwaha. ―Effect of salbutamol on serum metabolites and it‘s connection with skeletal muscle loss in streptozotocin induced-diabetic rat.‖ organized by ISFCON-2021, International Conference on Recent Advances in Pharmaceutical Sciences: Vision 2020, India, July 01-03, 2021. (Presented Poster)

Priyanka Prajapati, Sapana Kushwaha. ―The angiotensin receptor blocker, azilsartan ameliorates lean mass, oxidative stress and muscle performance in skeletal muscles of aged rats with sarcopenia‖; ISFCON 2021, International Conference on Recent Advances in Pharmaceutical Sciences: Vision 2020, India, July 01-03, 2021. (Presented Poster)

Attended/Participated in conference/seminar/workshop outside country:-

Dr. Vikas Mishra

"Recent Advances in Neurotechniques‖, Sept 21, 2021, conducted by Singapore Neuroscience Association, National University of Singapore, Singapore (online-mode)

Policy Reports:-

- **Prof. Shubhini A. Saraf :**
  - COVID -19: An Opportunity to Revamp Pharmacovigilance System, Research and Information System for Developing Countries (RIS), Discussion Paper Series #270

Details of invited lecture inside the country:

Prof. Shubhini A.Saraf

- ***0*** **Title of Lecture:** Pharmacy Profession:New Horizons,**Title of Conference:** AICTE STTP Educational program for pharmacy teachers on orientation of recently admitted students, **Organized by:** Rajarshi Shahu, College of Pharmacy, Buldana, Maharashtra on 28/07/2021
- ***I*** **Title of Lecture:** Use of Folk and Traditional Media for Covid Related Outreach, **Title of Conference:** Workshop on folk media and outreach programmes, **Organized by:** Indian Science Communication Society 18/10/2021
- ***II*** **Title of Lecture:** Covid outreach: changing paradigms**, Title of Conference:** media and outreach programmes, **Organized by:** Indian Science Communication Society& DST on 06-02-2022
- ***III*** **Title of Lecture:** Decoding plagiarism, **Title of Conference:** GURU-DAKSHATA: 9th Faculty Induction Programme, **Organized by:** UGC-HRDC, University of Rajasthan, Jaipur on 08-02-2022
- ***IV*** **Title of Lecture:** Lipid Based Nanocarriers for Biomolecules: From Nutraceuticals to Pharmaceuticals. **Title of Conference:** CGRTST-2022, **Organized by:** Bansthali vidyapeethon 27th March 2022
- ***V*** **Title of Lecture:** Capacity building for Breaking the bias!!, **Title of Conference:** Womens Day, **Organized by:** Dr HSGVV,Sagar & Pt.Ravishankar University,Raipur 08-03-2022

Dr. Vikas Mishra

- **Title of Lecture:** Guest speaker in "5 Days e-faculty development programmeǁ, **Title of Conference:** "5 Days e-faculty development programmeǁ, **Organized by:** sponsored by A.P.J. Abdul Kalam Technical University, Lucknow Shri Ram Murti Smarak College of Engineering and Technology (Pharmacy), Bareilly, U.P.

Details of National Award/fellowship:

- **Dr. P.S Rajinikanth**
  - **"Research and Academic Excellence Award 2022"** for contributed significantly in Academic and research in his subject during the year 2021 in the discipline of Life Sciences on 26 January 2022 at Babasaheb Bhimrao Ambedkar University, Lucknow.

- **Dr. Sapana Kushwaha**
  - **Annual Incentive and certificate award** to inventors for US patent no. 0140NF2017 entitled ―Combination of clofazimine and imatinib for effective therapy of myeloid leukemiaǁ on occasion of 70th Annual Day celebrations of CSIR-CDRI, 2021.
  - **Incentive award for excellence in Research publications** 2021 for paper entitled ―Leprosy drug clofazimine activates peroxisome proliferator-activated receptor-γ and synergizes with imatinib to inhibit chronic myeloid leukemia cellsǁ on occasion of 70th Annual Day celebrations of CSIR-CDRI, 2021.

Details of International Awards/Fellowship

- **Dr. Sapana Kushwaha**

  - International Awards/fellowship : 2022 SOT/SOT Endowment Fund/IUTOX Travel Award

Details of Research projects :-

Prof. Gaurav Kaithwas

- 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) Duration:3 Years (17-12-2018 to 16-12-2021) (Completed)
- Prolylhydroxylase2(PHD2) mediated stabilization of HIF-1α to regulate glycolysis and fatty acid synthesis in mammary gland chemoprevention (total grant Rs.46,61,000/-) Duration: 3 years; Dated:(12-07-2018- 11.07.2021)

Dr. Sudipta Saha

- SERB-DST Project, Major Research Project (Rs. 51, 51,778/-).

Dr. P. S. Rajinikanth

- 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)
- 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. Vijayakumar M. R.

- Transferrin receptor and CD44 biomarker targeted pH sensitive liposomes of resveratrol and temozolomide for the treatment of malignant glioma: a multifunctional approach to target both cancer cells and cancer stem cells. Agency: Science and Engineering Research Board (SERB), Department of Science and Technology. Duration 2Years Amount sanctioned: 30,86,600/-.

Details of Patents filed/ awarded:-

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 awarded.

Dr. P. S Rajinikanth :

- Dr. P.S. Rajinikanth, Sneha Anand, Dilip Kumar Arya and Prashant Pandey filled *—Multifunctional Biomimetic Nanofibrous Scaffold For Rapid Diabetic Wound Healing*‖, Indian Patent Application Number 202211000241 in 2022.
- Dr. P.S. Rajinikanth, Sneha Anand, Dilip Kumar Arya, Prashant Pandey and Kumarappan Chidambaram filled *—A Nanofiber Loaded With Ferulic Acid For Enhanced Antimicrobial And Diabetic Wound Healing Activity*‖, Indian Patent Application Number 202211010747 in 2022.

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 and the new session for the final year started on time, with online classes.

20. Students Achievements:-

(i) Accomplishment of the students:-

Number of students completed their Masters/graduation/Diploma	Masters	24
Number of students pursuing higher studies	5	
Numberofstudentsselectedonothergovernment jobs/banking/school teaching etc	Teaching	16
	Job	0
	Projects	**0**
	05	
Number of Students placed through campus interview	04 (GATE/GPAT fellowship) 01= NET JRF	
Number of student awarded SLET/NET/JRF/any other fellowship		

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	Prof. 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	Prof. 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.	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
15.	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
16.	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
17.	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
18.	Anand Kumar	Dr. Sapana Kushwaha	Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat	UGC Non NET
19.	Priyanka Prajapati	Dr. Sapana Kushwaha	Investigation of Pharmacological Agent(s) and Molecular Mechanism thereof for the treatment of Sarcopenia associated Muscle Atrophy	DST-PA
20.	Anurag Kumar	Prof. Gaurav Kaithwas	Extraction, Purification and Characterization of α-Linolenic Acid Derived from Plant Source and its Evaluation Against Mammary Gland Carcinoma	JRF in MOFPI
21.	Sneha Yadav	Prof. Gaurav Kaithwas	Screening and Optimization of Novel Chemical Entities as Dual Regulator of MCT-1 and MCT-4 in Mammary Gland Carcinoma	UGC -Non NET
22.	Anurag Kumar Gautam	Dr. Vijayakumar M.R.	Development of targeted nanoformulation(s) for the treatment of cancer and investigation of the molecular mechanisms	SERB-DST Project
23.	Amita Singh	Dr. Vijayakumar M.R.	DEVELOPMENT OF BETULIN AND GEFITINIB LOADED LACTOFERRIN DECORATED pH SENSITIVE NANOFORMULATION(S) AGAINST HEPATOCELLULAR CARCINOMA	UGC- Non NET
24.	Abhishek Verma	Prof. Shubhini A. Saraf	Appraisal of receptor mediated targeting for the enhanced antiproliferative activity of surface engineered nano-formulation(s) against lung carcinoma.	UGC Non NET
25.	Arjun Singh Kaushik	Dr. Vikas Mishra	A Study on the Role of Sirtuin-6 and its Modulation in Chronic Stress Induced Metabolic Syndrome	UGC- Non NET
26.	Rishabh Chaudhary	Dr. Vikas Mishra	A Study on Immune System and its Modulation in Chronic Stress Aggravated Autoimmune Condition	UGC -Non NET
27.	Sukriti srivastava	Dr. Vikas Mishra	Investigating the role of JAK/STAT pathway and its modulation in chronic stress induced Inflammatory bowel disease in Rats	UGC Non NET
28.	Siddhi Srivastava	Dr. Vikas Mishra	A study on the role of vitamin D and its receptor mediated steriodogenesis in chronic stress-induced male infertility	UGC-Non NET
29.	Vipin Kumar	Dr. Vijayakumar M.R	Appraisal of Niclosamide Loaded Mannose and Hyaluronic Acid Grafted Liposomes Against Bisphenol A-Induced Hepatic Fibrosis	UGC-Non NET

30.	Rohit Kumar	Prof. Sanjay Singh (Hon'ble Vice Chancellor)	Enhancement of Anticancer Potential of Paclitaxel using Polyunsaturated Fatty Acids	UGC-Non NET
31.	Dharmendra Kumar	Prof. Gaurav Kaithwas	Enhancement of Anticancer Potential of Paclitaxel using γ- Linolenic acid	UGC-Non NET

Student Publication:-

S. No.	Name of Student /School	Books /Article /Books Chapter
1.	**Samipta Singh**	Shraddha Srivastava, **Samipta Singh**, Shubhini A. Saraf, Manish K. Chourasia, Jose Mathew & Avinash C. Pandey. ncapsulation of Baicalein in Cinnamon Essential Oil Nanoemulsion for Enhanced Anticancer Efficacy Against MDA-MB-231 Cells. BioNanoSci. 11, 1049–1060, 26 August 2021. https://doi.org/10.1007/s12668-021-00900-y **Samipta Singh,** Priya Singh, Nidhi Mishra, Priyanka Maurya, Neelu Singh, Raquibun Nisha, Shubhini Awasthi Saraf. Advanced drug delivery systems in breast cancer, In Book: Advanced Drug Delivery Systems in the Management of Cancer. June 2021. Elsevier
2.	**Anurag Kumar Gautam**	Anurag Kumar Gautam, Pranesh Kumar, Ritu Raj, Dinesh Kumar, Bolay Bhattacharya, PS Rajinikanth, Kumarappan Chidambaram, Tarun Mahata, Biswanath Maity, **Sudipta Saha**. Preclinical evaluation of dimethyl itaconate against hepatocellular carcinoma via activation of e/iNOS mediated NF
3.	**Amita Singh**	Amita Singh, Pranesh Kumar, Archana Bharti Sonkar, Anurag Kumar Gautam, Abhishek Verma, Biswanath Maity, Himani Tiwari, Nanda Gopal Sahoo, Amit K Keshari, SK Yadav, **Sudipta Saha.** A Comprehensive Review on PCSK9 as Mechanistic Target Approach in Cancer Therapy. Mini
4.	**Archana Bharti Sonkar**	Archana B Sonkar, Pranesh Kumar, Anurag Kumar Gautam, Biswanath Maity, Monika Matiyani, Nanda Gopal Sahoo, **Sudipta Saha.** New Scope of Targeted Therapies in Lung Carcinoma. Mini
5.	**Vipul Agarwal**	Vipul Agarwal, Arjun Singh Kaushik, Mujeeba Rehman, Rishabh Chaudhary, Talha Jawaid, Mehnaz Kamal, Vikas Mishra, —Interleukin-6 expression and its modulation by diacerein in a rat model of chronic stress induced cardiac dysfunction—, Heliyon, 7: e08522 (2021)
6.	**Rishabh Chaudhary**	Rishabh Chaudhary, Vipul Agarwal, Mujeeba Rehman, Arjun Singh Kaushik, Vikas Mishra, —Genetic architecture of motor neuron diseases,‖ Journal of the Neurological Sciences, 434: 120099 (2022)
7.	**Sneha Anand**	Anand, S.; **Pandey, P.**; Begum, M.Y.; Chidambaram, K.; Arya, D.K.; Gupta, R.K.; Sankhwar, R.; Jaiswal, S.; Thakur, S.; Rajinikanth, P.S. Electrospun Biomimetic Multifunctional Nanofibers Loaded with Ferulic Acid for Enhanced Antimicrobial and Wound-Healing Activities in STZ-Induced Diabetic Rats. Pharmaceuticals 2022, 15, 302. (IF 5.89) Anand S, Rajinikanth PS, Arya DK, **Pandey P**, Gupta RK, Sankhwar R, Chidambaram K. Multifunctional Biomimetic Nanofibrous Scaffold Loaded with Asiaticoside for Rapid Diabetic Wound Healing. Pharmaceutics. 2022 Feb;14(2):273. (IF 6.35)
8.	**Shweta Jaiswal**	Jaiswal S, Rajnikanth PS, Thakur S, Deepak P, Anand S. A Review on Novel Ligand Targeted Delivery for Cardiovascular Disorder. Current Drug Delivery. 2021. (IF- 2.5)
9.	**Ravi Raj Pal**	**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 delivery of thymoquinone against inflammation." International Journal of Biological Macromolecules 182 (2021): 1218-1228. Published 12-5-2021 https://doi.org/10.1016/j.ijbiomac.2021.05.072, **(Impact Factor 6.953)** **Pal, Ravi Raj**, Vasundhara Rajpal, Priya Singh, and Shubhini A. Saraf. "Recent Findings on Thymoquinone and its Applications as a Nanocarrier for the Treatment of Cancer and Rheumatoid Arthritis." Pharmaceutics 13, no. 6 (2021): 775. https://doi.org/10.3390/pharmaceutics13060775 , **(Impact Factor 6.321)**
10.	**Neelu Singh**	• Neelu Singh, Priyanka Maurya, Nidhi Mishra, Samipta Singh, Priya Singh, Ravi Raj, Poonam Parashar, Alka, Shubhini A. Saraf —Surface modification of nanoparticles for macrophage targetingll in book Macrophage Targeted Delivery Systems: Basic concepts and Therapeutic applications from Springer Publisher Inc, USA, 1 January 2022, pages 169-187 (published)
11.	**Alka**	**A. Article: (01)** Poonam Parashar, Neelu Singh, **Alka,** Priyanka Maurya, Shubhini A. Saraf **(2021)**. An Assessment of *In-vitro* and *In-vivo* Evaluation Methods for Theranostic Nanomaterials. *Current Pharmaceutical Design.* **DOI** : 10.2174/1381612827666210804101720 **(Impact Factor: 3.116) (Published)** **B. Book Chapters:** **Alka,** Raquibun Nisha, Priya Singh, Ravi Raj Pal, Neelu Singh, Nidhi Mishra, Shubhini A. Saraf. **(2022).** Bridging Bio-Nanoscience and Cancer nanomedicine. In: Patel J.K., Pathak Y.V. (eds) Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery Systems. Springer, Cham. pp. 295-313. **DOI:** 10.1007/978-3-030-83395-4_16. **(Published)**

(ii) **Ph.D Submitted during the Year**:

Sl. No.	Students	Guide	Title of thesis	Remark
1.	**Priyanka Maurya**	Prof. Shubhini A.Saraf	Formulation and Development of Surface Functionalized Hybrid Nanoparticles for Alveolar Macrophage Targeting	Thesis Submitted on **04-02-2022**
2	**Sneha Anand**	Dr. P.S Rajinikanth	Development and evaluation of Biomaterial based Nanofibrous scaffold for Diabetic wound healing	Pre Ph.D seminar completed on **15-02-2022**

V. Any other special achievements recorded by the students:

Ms. Mujeeba Rehman Ph.D Scholar under the supervision of Dr. Vikas Mishra , Assistant Professor she has participated at IBRO-APRC School on undertaking Neuroscience and the spectrum of Neurogenetic Disorders during 20-25August 2021 Kathmandu ,Nepal **and got BEST DREM PROJECT AWARD** is entitled to Ms. Mujeeba Rehman in recognition of her outstanding presentation at **IBRO-APRC Nepal School -2021**

Anurag Kumar, Anand Kumar , Abhishek Verma , Arjun Singh Kaushik , Amita Singh , Archana Bharti Sonkar & Priyanka Prajapati has qualified and technically approved by the ICMR –SRF fellowship. Vide letter no. BMI/e PMS/Adhoc &fellowship/2021 dated 28-03-2022

Shreeyanshi Agarwal (M.Pharm Student) got selected in CSIR-CIMAP Lko under CSIR-JRF-GATE Scheme. Vide letter no. 31/GATE/34(6)/2022-EMR-I dated 23-03-2022

Deepankar Yadav (M.Pharm Student) Qualified GATE-2022

Deepankar Yadav got 3rd position he has participated the poster competition during National Science Day-2022 on 28 -02-2022

Most of the students of Pharmacy are recipients of scholarships/student fellowships for their M. Pharm education through GATE/GPAT

Narendra Bankira awarded 1st Prize on Essay Writing Competition on **"BAN of Single use of Plastic- reduce, reuse and recycle"** under ek Bharat Shrestha Bharat organized by BBAU

Google profile of the faculty members:

Prof. Gaurav Kaithwas https://scholar.google.co.in/citations?user=6U7UbYUAAAAJ&hl=en

Prof. Shubhini A. Saraf.-https://scholar.google.co.in/citations?user=pBDGTycAAAAJ&hl=en

Dr P.S.Rajinikanth https://scholar.google.co.in/citations?user=g6-RhUYAAAAJ&hl=en

Dr. Sudipta Saha
https://scholar.google.co.in/citations?user=vRk9ilYAAAAJ&hl=en

Dr Vikas Mishra
https://scholar.google.com/citations?hl=en&user=uQucveoAAAAJ&view_op=list_works&sortby=pubdate
Citations-941
h-index -12
i10-index-14

Dr. Sapna Kushwaha https://scholar.google.co.in/citations?user=d_nITEwAAAAJ&hl=en

Dr. Vijayakumar M.R. https://scholar.google.com/citations?user=KKGFdycAAAAJ&hl=en

SCHOOL OF PHYSICAL & DECISION SCIENCES

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

Department of Chemistry
Department of Mathmetices
Department of Physices
Department of Statistices

DEPARTMENT OF CHEMISTRY

Introduction to the Department:

Brief introduction of the Department: Currently the department offers two years Postgraduate programme in Chemistry for which candidates are selected through National Level entrance test. The department also offers Ph.D. programme.

Infrastructural facilities available in the Department: The Chemistry department has a UV-Vis Spectrophotometer (Cary 100), Rheometer (Anton Paar), FTIR (Perkin Elmer SP2), BET Surface analyzer (Belsorp-mini-II, make Bell Japan) and NMR.

Course Offered:

M.Sc. Chemistry
Ph.D Chemistry

Facilities available in the Department:

01 M.Sc. Lab
01 Shopisticated Instrumentation Lab
01 Departmental Library.
01 NMR Lab
01 Smart Class room
01 Per teacher personal lab

Details of the Faculty:

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

Prof. Gajanan Pandey
Professor & Head, Department of Chemistry
Specilization: Materials Chemistry, Coordination Chemistry, Environmental Chemistry

Qualificatioin: M. Sc.; Ph. D

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.

Dr. Jyoti Pandey Assistant Professor
Specilization: Organic Synthesis, Medicinal Chemistry, Green Polymers and Carbohydrate Chemistry
Qualificatioin: M. Sc.; Ph. D.

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

Dr. Preeti Gupta Assistant Professor
Specilization: Organic Synthesis, Heterocyclic Chemistry, Synthetic Medicinal Chemistry, Green Chemistry
Qualificatioin: M. Sc.; Ph. D.

Dr. Jawahar L. Jat Assistant Professor
Specilization: Synthetic Organic and Medicinal Chemistry
Qualificatioin: M. Sc., Ph. D.

Details of the seminar/conference organized by the Department:-

- ***0*** Co-convener of **"**Global Conference on the Control of Green House Gases at the Source by Physical and Chemical Technology (LCCCCGGSPCT_2k22) 22-24 April, 2022‖.

Co-curricular/Extra-curricular/sports Activities by the department:

- ***0*** Virtual Alumni Meet: Organized by Department of Chemistry, BBAU During March 24, 2021. (Co-ordinator: Dr. Jawahar Lal)

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

- ***0*** **Prof. Kaman Singh**
  a) Board of Post Graduate Studies, DoC, BBAU, Lucknow - Member
  b) Department of Research Committee, BBAU - Member

Prof. Gajanan Pandey
a) Board of Postgraduate Studies, DoC, BBAU - Chairman
b) Departmental of Research Committee - Chairman

c) Academic Council, BBAU, Lucknow - Member,
d) Academic Council, Central Institute of Plastic Engineering and Technology (Ministry of Chemicals and Fertilizers, Govt. of India) Lucknow - Member
Board of Studies and DRC, Department of Chemistry and Environmental Science, Madan Mohan Malviya Technological University, Gorakhpur- Member
f) Board of Studies Mahatma Gandhi Central University, Bihar - Member
g) Advisory/Expert Committee for Chemical and Pharmaceutical Sciences, Council of Science & Technology, U.P. - Member,
h) School Board of Physical & Decision Science, BBAU, Lucknow - Member
i) Board of Studies, MITS, Gwalior - Member
j) Admission Committee, Department of Chemistry, BBAU, Lucknow - Member
k) Board of Management (Executive Council), BBAU, Lucknow - Ex- Member
l) Planning Board, BBAU, Lucknow - Ex- member,
m) School of Engineering & Technology, BBAU, Lucknow - Worked as Coordinator,
n) Professor-in-Charge Security, BBAU Lucknow - PIC
o) M.Sc. Polymer Chemistry, BBAU, Lucknow - Worked as Coordinator
p) BoS, Rajiv Gandhi ProudyogikiVishvavidyalaya, Bhopal - Ex- Member

(iii) Dr. Anjani Kumar Tiwari

a) School Board of Studies, SPDS, BBAU - Member
b) Scientific Expert Committee, ASEAN-INDIA S & T Cooperation programs, DST, New Delhi - Member
c) Departmental of Research Committee - Member

Dr. Jyoti Pandey

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

Dr. Shailesh Kumar

a) Board of Postgraduate Studies, DoC, BBAU - Member (Invitee)
b) Departmental of Research Committee - Member (Invitee)
c) Admission Committee Doc 2020-21 - Member
d) The Association of Chemistry Teachers - Life member
e) The Indian Science Congress - Life member
f) Vigyan Bharti Awadh Prant - Life member
g) Anti-Ragging Cell and Anti-Ragging Squad, BBAU - Member
h) Garden and Beautification Committee, BBAU - Member
i) Defree Screening, verification and Distribution Committee for IX Convocation, 2021, BBAU - Member
Mebmer of Degree Screening, Verfication and Distribution Commitee for 9th Convocation of BBAU, 2021.

(vi) Dr. Preeti Gupta

a)Board of Postgraduate Studies, DoC, BBAU	- Member
b)Departmental Research Committee, DoC, BBAU	- Member (Invitee)
c)Committee of Basic Facilities for Women	- Member (Invitee)
d)Proctorial Board	- Member
e)International Journal of Science, Technology & Society, BBAU journal	- Editorial Board Member

Dr. Jawahar Lal Jat

a)Departmental of Research Committee	- Member
b)Board of Postgraduate Studies, DoC, BBAU	- Member (Invitee)
c)Admission Committee, Doc, 2021-22	- Member
d) USIC, Advisory Committee	- Member
e) R&D, Advisory Committee	- Member

7. Details of Book Chapter in edited volume:

(i)Jyoti Pandey (2021). न न न . Book entitled — न : ए ॥, ध न न ग , Vigyan Parishad Prayag, Prayagraj (ISBN: 978-81-951765-3-3)

Chapter 8, CeO as corrosion inhibitors, M Rizvi, **Preeti Gupta** - Inorganic Anticorrosive Materials,Past, Present and Future Perspectives, 2022, Pages 155-160

Chapter 19, Commercialization and economics, M Rizvi, **Preeti Gupta** - Inorganic Anticorrosive Materials,Past, Present and Future Perspectives, 2022, Pages 391-395

Chapter 4, Experimental Methods of Corrosion Inhibition Assessment, M Rizvi, H Gerengi, **Preeti Gupta** - Sustainable Corrosion Inhibitors I: Fundamentals, Methodologies and Industrial applications, ACS Symposium Series, 2021, Volume 1403, page 49-60.

Paper Published during the year by the faculty members:

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).

One-Pot Surface Modification of β-Cu_2O NPs for Biocatalytic Performance against A-549 Lung Carcinoma Cell Lines through Docking Analysis**, ACS Omega 2021,** 6, 44, 29380–29393.

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).

Akhilesh Kumar Shukla, Manoj Kumar Shrivash, Anwesh Pandey, Jyoti Pandey Synthesis, In vitro and computational studies of novel glycosyl-1, 2, 3-1H-triazolyl methyl benzamide derivatives as potential α-glucosidase inhibitory activity, Bioorg. Chem., 2021, 109 104687.

Antiproliferative Activity of Diarylnaphthofurans through Microtubule Destabilization Balakishan Bhukya, Tanu Kaushal, Deepak Kumar, Diksha Singh, Shahnaz Parveen, Sana Khan, Suaib Luqman, Rituraj Konwar, Debabrata Chanda, Feroz Khan, Shailesh Kumar Abha Meena, Arvind S. Negi Indian Journal of Heterocyclic Chemistry Vol. 31 - Number 03, 2021, 443-455.

Synthesis and Characterization of Chitosan-Alginate-Based Cross-linked Copolymer for the Effective Removal of Methylene Blue from Its Aqueous Solution Sumit Kumar, Shailesh Kumar, Ashok Kumar, Swati Rastogi, Deepak Kumar Water Air Soil Pollut 2021, 232:445

Synthesis and Characterization of Chitosan-Alginate-Based Cross-linked Copolymer for the Effective Removal of Methylene Blue from Its Aqueous Solution Sumit Kumar,

Shailesh Kumar, Ashok Kumar, Swati Rastogi, Deepak Kumar *Water Air Soil Pollut* **2021**, 232:445

Progress in the Synthesis of Fused 1,2,3-Triazoles, Hariom Kumar,Manoj Dhameja, Marziya Rizvi, **Preeti Gupta*** *ChemistrySelect* 2021, 6(20) 4889-4947 {IF 2.1}

Direct N-Me Aziridination of Enones. **Jawahar L. Jat*** , Ajay K. Yadav, Chandra Bhan Pandey, Dinesh Chandra, and Bhoopendra Tiwari, *J. Org. Chem*. **2022**, *87,* 3751-3757. (I.F. 4.5)

Methyltrioxorhenium (MTO) Catalysis in Epoxidation of Alkenes: A Synthetic Overview. Saumya Verma, Asha Joshi, Saroj Ranjan De and **Jawahar L. Jat**. *New J. Chem.,* **2022,** *46*, 2005-2027. (I.F. 3.6)

Pd(II)-Catalyzed Chelation-Induced C(sp^2)-H Acylation of (Hetero)Arenes Using Toluenes as Aroyl Surrogate. Asha Joshi, Zafar Iqbal, **Dr. Jawahar L. Jat,** Dr. Saroj R. De. *ChemistrySelect* **2021**, *6(44)*, 12383-12406. (I.F. 2.10)

Fe(II)-Catalyzed Synthesis of Unactivated Aziridines (N-H/N-Me) from Olefins Using *O*-Arylsulfonyl Hydroxylamines**.** Dinesh Chandra, Ajay K. Yadav, Vikram Singh, Dr. Bhoopendra Tiwari, **Jawahar L. Jat** *ChemistrySelect* **2021**, *6(39)*, 10524-10526. (I.F. 2.10)

Attended/participated in conferences/seminar/workshop inside country:

Dr. Jyoti Pandey

- ***0*** **Dr. Jyoti Pandey attended** the online refresher course in Chemistry from 15.11.2021 to 27.11.2021 organized by UGC-HRDC, University of Lucknow, Lucknow.
- ***I*** **Dr. Jyoti Pandey attended** the online elementary FDP on ―Current trends in engineering nano-materials, characterizations and their applications‖ from 06.12.2021 to 10.12.2021 organized by ATAL Academy.
- ***II*** **Dr. Jyoti Pandey delivered an invited talk on the topic** ―Green concept in Chemistry‖ under DBT star programme on 11th Dec. 2021 organized by CMP Degree College, Prayagraj.
- ***III*** **Dr. Jyoti Pandey delivered an invited talk on the topic** ―Relevance of copyright in academic research‖ one week workshop on Intellectual Property Rights from 23th April 2022 to 28th April 2022, organized by IQAC and IPR Cell, in association with SSK, Institution's Innovation Council (IIC), Prayagraj, Ministry of Education (MIC), Government of India.

Dr. Shailesh Kumar

- ***0*** Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on April 11, 2022 organized by Intellectual Property Office, India.
- ***I*** Participated in One Week Online Faculty Development Program on Advanced Research Methodology during March 21 – 27, 2022, Jointly Organised by Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute(Run by MKS Educational Society), Lucknow, UP India

Dr. Preeti Gupta

- ***0*** Oral Presentation- ―Triazine scaffold as Promising lead for the development of novel α-Glucosidase Inhibitors‖ in National Conference on Advancement In Interdisciplinary Research (NCAIR-2021) organised by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021.

Dr. Jawahar Lal

- ***0*** 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.

Details of invited lectures inside country:

Dr. Jawahar Lal delivered an invited talk on the topic **"***Unprotected Aziridination"* at Department of Chemistry, Bansthali Vidyapeeth, Rajasthan. (20/02/2022)

Details of Research Projects (major and minor):

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).

12. Students achievements:

Faculty wise supervision of the Ph.D degree awarded:

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
2	Ms. Jagriti Chaturvedi	Prof. Gajanan Pandey	Dr.Buddhadeb Chattopadhyay CBMR, Lucknow	Iridium catalyzed C-H bond activation and borylation of aromatic compounds	Drop fellowship
3	Ajay Kumar Yadav	Dr. Jawahar Lal Jat	-	—N-H/N-Me Aziridination Using O-(Sulfonyl)hydroxylamines as Aminating Agents and Their Computational Studies‖	UGC

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

S.No.	Students	Guide	Co-guide	Title	Felloship aviled/aviling
1.	**Mr. Prashant Mishra**	Prof. Kaman Singh	**--**	ADSORPTION OF PHENOL AND IT'S DERIVATIVES FROM AQUEOUS SYSTEM BY MODIFIED ADSORBENTS	**UGC-JRF**
2.	**Mr. Utkarsh Dixit**	Prof. Kaman Singh	**---**	Adsorptiopn Equliberium Studies of Dye Adsorption Onto Modified Adsorbents	**UGC-JRF**
3.	**Ms Ayushi Mishra**	Prof. Kaman Singh	**--**	RELEVANCE OF ADSORPTION MODELS FOR THE REMOVAL OF CARCINOGENIC POLLUTANTS BY MODIFIED ADSORBENTS	**UGC**
5.	**Mr. Presenjit**	Prof. Kaman Singh	**-**	Evaluation of Schiff base of d and f block elements for biological activities	**UGC**
6.	**Mr.**	Prof. Gajanan Pandey	--	Green synthesis of metallic nanoparticles and their	**CSIR-JRF**

	Kijay Bahadur Singh			catalytic activity	
9.	**Ms. Neelam Gautam**	Prof. Gajanan Pandey	--	Green Synthesis of Nanostructured Materials And Their Catalytic Activity	**UGC-JRF**
10.	**Mr. Deen Dayal Upadhyay**	Prof. Gajanan Pandey	--	Green synthesis of oxide supported metal nanoparticles and their catalytic applications in organic transformations	**UGC**
11.	**Ms. Snigdha**	Prof. Gajanan Pandey	--	Green synthesis, characterization and catalytic activity of nanoscale materials	**UGC**
12.	**Ms. Meenakshi Saklani**	Dr. Anjani Kumar Tiwari	Dr. Raunak, Sc. E INMAS, DRDO-Delhi	Peptidic agent for angiogenesis	**Drop fellowship**
13.	**Mr. Vijay Kumar Singh**	Dr. Anjani Kumar Tiwari		Synthesis and Biological Evaluation of Purinergic Receptor Ligands	**UGC**
14.	**Mr. Chandraprakash Gond**	Dr. Anjani Kumar Tiwari		Cheminformatics' (QSAR & Docking) Study for Screening of Novel Ligands for Neuro/Onco Targets	**NFSC**
15.	**Ms. Deepika Singh**	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of SEROTONIN 5-HT Ligands	**UGC**
16.	**Ms. Priya Singh**	Dr. Anjani Kumar Tiwari	--	Synthesis and Biological Evaluation of TSPO Selective Ligands	
17.	**Mr. Bal Dev Singh**	Dr. Jyoti Pandey	-	—Development of new chemotherapeutic agents based on aromatic and heterocyclic scaffoldsǁ	**UGC**
18.	**Ms. Preeti Kanchan**	Dr. Jyoti Pandey	**-**	**“**Modification of polysaccharide-based	**UGC**

				materials: Synthesis, characterization and applications||	
19.	**Ms. Ruchi Singh**	Dr. Jyoti Pandey	**-**	Synthesis and characterization of biopolymer based hydrogels and their application	**UGC**
20.	**Mr. Sumit Kumar**	Dr. Shailesh Kumar	**--**	Synthesis, characterization and biological studies of novel quinazoline derivatives	**UGC**
21.	**Mr. Manoj Dhameja**	Dr. Preeti Gupta	**--**	Design, Synthesis And Biological Evaluation Of Heterocycle Based Glycosidase Inhibitors	**UGC**
23.	**Mr. Hariom Kumar**	Dr. Preeti Gupta	**--**	Design, Synthesis And Biological Evaluation Of Novel 1,3,4-Thiadiazole Derivatives	**UGC**
24.	**Ms. Saumya Verma**	Dr. Jawahar Lal	**--**	Studies of oxygen substituted hydroxyl amine as a reagent in Beckmann rearrangement	**CSIR-JRF**
25.	**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**
27.	**Mr. Dinesh Chandra**	Dr. Jawahar Lal		Synthesis of Structurally Rich Heteroatomic Compounds using Aminating Reagents and their Biological Evaluation.	**UGC**

Google profile of the faculty members:

Prof. Kaman Singh :

	All	Since 2016
Citations	327	218
h-index	9	9
i10- index	9	9

Prof. Gajanan Pandey:

	All	Since 2017
Citations	1284	1018
h-index	18	16
i10- index	33	26

(iii) Dr. Anjani Kumar Tiwari

	All	Since 2015
Citations	1221	711
h-index	16	13
i10- index	31	17

(iv) Dr. Jyoti Pandey :

	All	Since 2017
Citations	2029	1074
h-index	20	16
i10- index	40	21

(v) Dr. Shailesh Kumar :

	All	Since 2017
Citations	226	134
h-index	9	7
i10- index	9	5

(vi) Dr. Preeti Gupta:

	All	Since 2016
Citations	272	178
h-index	9	6
i10- index	8	4

(vii) Dr. Jawahar Lal Jat :

	All	Since 2016
Citations	923	615
h-index	14	12
i10- index	20	15

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.

Course Offered:

M. Sc Mathematics.
Ph. D. Mathematics.

Facilities available in the department:

Programming Laboratory.
Smart Classroom.
Departmental Library.

Details of Faculty:

Prof. B. S. Bhadauria Professor & Head **Qualification:** M.Sc., Ph.D., D.Sc.

Dr Sunil Kumar Singh
Associate Professor
Qualification: M.Sc., Ph.D.

Dr. Jagmohan Tanti Associate Professor **Qualification:** M.A., Ph.D.

Dr. B. K. Singh
Assistant Professor
Qualification: M.Sc., JRF (NET), Ph.D.

Dr. Maitri Verma
Assistant Professor
Qualification: M.Sc., JRF (NET), Ph.D.

Dr. Mukesh Kumar Awasthi
Assistant Professor
Qualification: M.Sc., JRF (NET), Ph.D.

Dr. Gopal Datt Assistant Professor **Qualification:** M.Sc., Ph.D.

Details of Seminar / Conference organized by the department:

Dr. Gopal Datt organized Invited lecture by Dr. Abahsh Kumar Jha, IIT-BHU, September 30, 2021.

Dr. Gopal Datt organized National Mathematics Day-2021, December 22, 2021

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

Dr. Gopal Datt, Member of the American Mathematical Society (AMS)

Dr. Gopal Datt, Member of the Indian Mathematical Society (IMS)

Dr. Gopal Datt, Reviewer for MathScieNet (AMS)

Dr. Jagmohan Tanti, Lifetime member of IMS.

Dr. Jagmohan Tanti, Individual Member of The Vijnana Parishad of India.

Dr. Maitri Verma , Life member, Indian Mathematical Society.

Dr. Maitri Verma , Life member, Indian Science Congress Association.

Dr. Maitri Verma , Life member, Biomathematical Society of India.

Details of Book Chapter in edited volume:

Md. Helal Ahmed, Jagmohan Tanti and Sumant Pushp, ‗A Public Key Cryptosystem Using 03 Cyclotomic Matrices' in an edited book entitled ‗Coding Theory - Recent Advances, New Perspectives and Applications' Intech Open ISBN 978-1-83969-410-3,DOI: http://dx.doi.org/10.5772/intechopen.101105.

M K Awasthi, R Asthana, Z Uddin, ―Evaporative Capillary Instability of Swirling Fluid Layer with Mass Transfer‖ Differential Equations in Engineering, 37-54, CRC Press.

R Tomar, S Kumar, M K Awasthi, ―To Beacon or Not?: Speed Based Probabilistic Adaptive Beaconing Approach for Vehicular Ad-Hoc Networks‖ International Summit Smart City 360°, 156-170, Springer.

Paper published during the year by the faculty members:-

B. S. Bhadauria, Anurag Srivastava; Combined Effect of Internal Heating and Through-Flow in a Nanofluid Saturated Porous Medium Under Local Thermal Nonequilibrium, J. Porous Media, 25(2), pp. 75-95, 2022.

B. S. Bhadauria, Awanish Kumar; Throughflow and Gravity Modulation Effect on Thermal Instability in a Hele-Shaw Cell Saturated by Nanofluid, J. Porous Media, 24(6), pp. 31-51, 2021.

Dilchand Mahto and Jagmohan Tanti, ‗Space of invariant bilinear forms under a representation of Sl2(3)', South East Asian J. of Mathematics and Mathematical Sciences Vol. 17, No. 3 (2021), pp. 29-44.

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P.K. Tiwari, Maitri Verma, S Pal, Y Kang, A.K. Misra, A delay non-autonomous predator-prey model for the effects of fear, refuge and hunting cooperation, Journal of Biological Systems 29 (4), 1-43, 2021.

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M K Awasthi, Z Uddin, R Asthana, —Temporal instability of a power-law viscoelastic nanofluid layer‖ The European Physical Journal Special Topics 230 (2021), 1427-1434.

Z Uddin, R Asthana, M K Awasthi, H Hassan, —A metaheuristic approach for the comparative study of MHD flow of nano liquids in a semi-porous channel‖ Int. J Computational Methods in Engineering Science and Mechanics 22 (2021) 244-251.

Dr. Gopal Datt, Meromorphically Normal Families in Several Variables, Computational Methods and Function Theory, DOI: https://doi.org/10.1007/s40315-021-00413-5

Dr. Gopal Datt, On Lappan's five-valued theorem for \varphi-normal functions in several variables, Ukrainian Mathematical Journal, Accepted for publication

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

i. Dr. Gopal Datt participated in Orientation Programme, Teaching Learning Centre, Ramanujan College, University of Delhi, 15- April 14, 2021

Details of invited lecture inside the country:

Prof. B S Bhadauria delivered an invited talk on the topic —Numerical Simulation of Natural Convection in a Rectangular cavity‖ in a national seminar on 22.11.2021 organized by Department of Mathematics, University of Rajasthan, Jaipur.

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.

Dr. Sunil Kumar Singh has delivered an Invited Lecture on the topic "Wavelets and Its Applications" on 20/04/2022 as a part of Department Lecture Series of the Department

of Mathematics, Central University of South Bihar, Gaya (Bihar)-824236, India

Dr. Jagmohan Tanti, Delivered an invited talk on 'Modular Arithmetic' for Undergraduate students (Online) on Monday, February 14th, 2022 organised by the Department of Mathematics, Maitreyi College, University of Delhi, Delhi.

Mukesh Kumar Awasthi delivered an Expert Talk in the First International Conference on Mathematics & Computation (ICMC 2021) organized by the Department of Applied Sciences & Humanities on the topic ―MODELLING AND ANALYSIS OF INTERFACIAL INSTABILITIES‖ during October 22-23, 2021.

Mukesh Kumar Awasthi delivered lecture at ―Refresher Course in Applicable Mathematics‖ organized by the Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Deshbandhu College, University of Delhi during 15-29 December 2021.

Dr. Gopal Datt delivered Undergraduate Intensive Workshop (UIW) , Deen Dayal Upadhyaya College, Delhi University 18.02.2021—20.02.2021.

Dr. Gopal Datt delivered National Undergraduate Interactive Online Workshop on Mathematics organized by P.G. Department of Mathematics, Arya P.G. College, Panipat, 15.04.2021.

Dr. Gopal Datt Delivered an invited talk on Weierstrass Preparations Theorem, Deen Dayal Upadhyaya College, Delhi University, 05.06.2021—06.0.6.2021.

Dr. Gopal Datt Delivered series of lectures in the Department of Mathematics, Uttarkhand Open University, Haldwani, 17.01.2022—31.01.2022

Details of National Award/fellowship :

Dr. Gopal Datt, SERB-National Postdoctoral Fellowship (NPDF)

Dr. Gopal Datt, Dr. D. S. Kothari Postdoctoral Fellowship

Dr. Gopal Datt, NBHM Postdoctoral Fellowship

Details of Research Projects (major/minor):

Dr. Maitri Verma, Completed one research project entitled ―Causes and impacts of global warming: A mathematical study‖ under UGC-BSR Research Start-up grant scheme in September, 2021.

Students Achievements:

0 **Accomplishments of Students**

Number of students completed their Masters	**47**
Number of students pursuing higher studies	**00**
Number of students selected on other government jobs /banking/School teaching etc.	**00**
Number of students awarded SLET/NET/JRF/any other fellowship	**00**

(ii) Ph. D Awarded during the year.:

Sl. No.	Students	Guide	Title	Fellowship availed/availing
1.	Neetu Singh	Prof. Vipin Saxena Department of Computer Science	Numerical experiments for Analysis of vibrations of Two dimensional plates	Non-Net Fellowship (University Fellowship)

Student publications :-

B. S. Bhadauria, Anurag Srivastava; Combined Effect of Internal Heating and Through-Flow in a Nanofluid Saturated Porous Medium Under Local Thermal Nonequilibrium, J. Porous Media, **25(2)**, pp. 75-95, 2022.

B. S. Bhadauria, Awanish Kumar; Throughflow and Gravity Modulation Effect on Thermal Instability in a Hele-Shaw Cell Saturated by Nanofluid, J. Porous Media, **24(6)**, pp. 31-51, 2021.

Singh, B.K., Gupta, M. (2021): A new efficient fourth order collocation scheme for solving sine–Gordon equation, Int. J. Appl. Comput. Math 7:138 (2021) https://doi.org/10.1007/s40819-021-01089-0.

Singh, B.K., Agrawal, S. (2022): Study of time fractional proportional delayed multi-pantograph system and integro-differential equations, Math Meth Appl Sci. 2022;1–24. https://doi.org/10.1002/mma.8335

Singh, B.K., Kumar, A., Gupta, M. (2022) A Efficient new approximations for space-time fractional multi-dimensional telegraph equation, Int. J. Appl. Comput. Math, accepted, 2022.

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Singh BK. , Agrawal S. A New Approximation for Conformable Time Fractional Nonlinear Delayed Differential Equations via Two Efficient Method. Mathematical Modeling for Intelligent Systems: Theory, Methods, and Simulation. 1st ed. Chapman and Hall/CRC; 2022:133-158. https://doi.org/10.1201/9781003291916

Google Profile of the faculty members:

0 **Prof. B. S. Bhadauria**
Citations: 2670 h-index: 33
i10- index: 73 https://scholar.google.co.in/citations?user=ypqQ6mwAAAAJ&hl=en

I **Dr. Sunil Kumar Singh**
Citations: 108 h-index: 7
i10- index: 5 https://scholar.google.co.in/citations?user=N4T7hlEAAAAJ&hl=en

II **Dr. Jagmohan Tanti** https://bbau.irins.org/profile/108452
https://scholar.google.co.in/citations?hl=en&user=U0z1LOUAAAAJ&view_op=list_works&gmla=AJsN-F6XPHUrw7o3AQ5YfAZbtka18K_toH9P6wnQAhFSEL2HpXbV1cdk0Yy2xd-al3nRcf-te3TTDxVQT05l7ap-MuUiOAMIpcbuPbNu47LanHoRMO-vvfE

III **Dr. B. K. Singh**
Citations: 736 h-index: 15
i10- index: 23 https://scholar.google.com/citations?hl=en&authuser=1&user=HdAWQGQAAAAJ

Dr. Maitri Verma

Citations: 230 h-
index: 9
i10- index: 8 https://scholar.google.co.in/citations?user=sejhHvUAAAAJ&hl=en

Dr. Mukesh Kumar Awasthi

Citations: 1082
h-index: 20
i10- index: 29
https://scholar.google.co.in/citations?user=Dj3ktGAAAAAJ

Dr. Gopal Datt https://sites.google.com/view/gopaldatt
https://scholar.google.co.in/citations?user=A0jhEw4AAAAJ&hl=en

DEPARTMENT OF PHYSICS

Introduction

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 fourteen students are pursuing Ph.D. in the field of Condensed Matter Physics, Material Science, Nano-Science & Nano-Technology and Theoretical modelling (initio/DFT methods) in areas of Liquid Crystal, Cluster studies, Computational Biophysics etc. 29 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.

Course Offered:

M.Sc. (Physics)
M. Sc. (Nuclear Medicine Technology)
M. Phil (Physics)
Ph.D. (Physics

Facilities available in the department:

M.Sc. Laboratory
Research Laboratory
Instrumentation Laboratory
Smart Classroom.
Departmental Library.

Details of Faculty:

- **Prof. Bal Chandra Yadav** Professor & Head
  Specialization: Nanoscience, Materials Science Opto-Electronics Sensors & Devices

Qualification: Ph. D.

Dr. Devesh Kumar (On, EOL)
Professor
Specialization: Simulations of intermolecular interactions in mesogens and biological molecules
Qualification: Ph.D.

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

Dr. A. K. Yadav
Assistant Professor
Specialization: Materials Science, Nanoscience, Ultrasonic's, Theoretical modeling
Qualification: Ph.D.

Dr. Devendra Singh
Assistant Professor
Specialization: Applied Optics, Theoretical modelling
Qualification: Ph.D.

Dr. Khem Bahadur Thapa
Assistant Professor
Specialization: Materials Science, Applied Optics
Qualification: Ph.D.

Dr. Ajeet Kumar Maurya
UGC-Assistant Professor (Recharge Program)
Specialization: Space Physic
Qualification: Ph.D.(NET) Ramanujan Fellow (SERB, DST) Dr. D. S. Kothari Postdoctoral Fellow (UGC)

Details of the Seminar/Conference/Webinar organised by the Department:-
National Science Day: 01

Other Departmental level Academic Activities :
Alumni Meet,
Parents Teacher Meeting,
Special Lectures

Visitors of Department from inside the country : 04
Visitors of Department from Outside the country : 01
Members/fellowship of professional/Academic bodies/editorial board :-

Prof. B. C. Yadav

a) Indian Science Congress Association (ISCA) Life member
b) Optical Society of India (OSI) Life member
c) Materials Research Society of India (MRSI) Life member
d) National Academy of Sciences, India Allahabad Life member
Indian Physics Association (IPA) Mumbai , Maharashtra state Life member

Member of Editorial Board:

American Journal of Optics and Photonics, Science Publishing Group, USA.

Lucknow Journal of Science, Print ISSN: 0974-8121, Online ISSN: 0974-813X, Publisher: Lucknow University Teacher's Academic Publication Society.

International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347-2189, E-ISSN 2347-4971.

International Journal of Sensors and Sensor Networks, Science PG

Brain Pool Fellow, Korea Research Institute of Chemical Technology (KRICT), Daejeon, South Korea.

Prof. Devesh Kumar

The World Association of Theoretical and Computational Chemists (WATOC) Life member

b) Society of Biological Inorganic Chemistry (SBIC) Life member

c) National Academy of Science Life member

d) Member, American Chemical Society Life member

e) Member, National Academic of Sciences, India, Allahabad Life member

f) The World Association of Theoretical and Computational Chemists (WATOC) Life member

g) Indian Biophysics Society (IBS) Life member

Ramanujan Fellow, Indian Institute of Chemical Technology, Hyderabad (A. P.), India

Postdoctoral Fellow, The Max-Planck-Institut für Kohlenforschung, Mulheim and Ruhr, Germany Postdoctoral Fellow, The Hebrew University of Jerusalem, Israel Mentor: Professor

Season Shay Mentor: Professor Walter Thiele

Dr. Anil Kumar Yadav

a) Materials Research Society of India (MRSI) - Life member

Dr. Khem B. Thapa

0 Ultrasonic Society of India

Details of Book Chapter in edited volume:- 01

Paper published during the by the faculty members :-

UGC listed Journal-

Prof. B.C.Yadav

Adsorption of As (III) and As (V) from aqueous solution by magnetic biosorbents derived from chemical carbonization of pea peel waste biomass: Isotherm, kinetic, thermodynamic … N Sahu, AK Nayak, L Verma, C Bhan, J Singh, P Chaudhary, BC Yadav
Journal of Environmental Management 312, 114948

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

Investigation on structural and optical properties of porous SnO2 nanomaterial fabricated by direct liquid injection chemical vapour deposition technique
A Verma, U Kumar, P Chaudhary, BC Yadav
Solid State Communications 348, 114723

Effect of heat treatment on structural, morphological, dielectric and magnetic properties of Mg–Zn ferrite nanoparticles
RS Priya, P Chaudhary, ER Kumar, A Balamurugan, C Srinivas, G Prasad, ...
Ceramics International 48 (11), 15243-15251

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

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

Existing and Emerging Treatment Technologies for the Degradation and Detoxification of Textile Industry Wastewater for the Environmental Safety
A Singh, R Kishor, RN Bharagava, BC Yadav
Bioremediation, 1-13

Fabrication, structural, and physical properties of alumina doped calcium silicate glasses for carbon dioxide gas sensing applications
P Dixit, A Singh, SK Avinashi, BC Yadav, C Gautam
Journal of Non-Crystalline Solids 583, 121475

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

One-pot synthesis of phosphine-free indium selenide (InSe) QDs and their structural characterization for LPG and humidity sensing
P Chaudhary, A Singh, S Sikarwar, BC Yadav
Journal of Materials Science: Materials in Electronics, 1-11

ZnS Nanosheets in a Polyaniline Matrix as Metallopolymer Nanohybrids for Flexible and Biofriendly Photodetectors
A Verma, P Chaudhary, A Singh, RK Tripathi, BC Yadav ACS Applied Nano Materials

State of the Art Metallopolymer Based Functional Nanomaterial for Photodetector and Solar Cell Application
A Verma, P Chaudhary, RK Tripathi, A Singh, BC Yadav
Journal of Inorganic and Organometallic Polymers and Materials, 1-20

Investigation on Metal Nanoparticles: Nickel Oxide, Cuprous Oxide and Tin Ferrite with Their Humidity Sensing at Room Temperature
S Singh, P Chaudhary, S Singh, V Verma, R Srivastava, RK Tripathi, ...
Nano LIFE, 2250001

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

Improved room temperature liquefied petroleum gas sensing performance of Ni0.5Zn0.5Fe2O4@Cl–doped polypyrrole nanoweb
BCY Abhisikta Bhaduri, Shakti Singh, Khem B. Thapa
Materials Sciences & Engineering B 279, 115660

Development of ultrafast room temperature LPG sensor using Fe2O3/PVP nanocomposite L Kumari, U Kumar, BC Yadav, M Gupta
Applied Physics A 128 (2), 1-9

High efficient activated carbon-based asymmetric electrode for energy storage devices N Singh, S Tanwar, BC Yadav, AL Sharma
Materials Today: Proceedings

Influence of tin doping on the liquefied petroleum gas and humidity sensing properties of NiO nanoparticles
P Gupta, K Kumar, SH Saeed, NK Pandey, V Verma, P Singh, BC Yadav Journal of Materials Research, 1-11

Frontal polymerization synthesis of scandium polyacrylamide nanomaterial and its application in humidity testing
LK Gupta, K Kumar, S Sikarwar, BC Yadav, ND Golubeva, VA Shershnev, ...
Colloid and Polymer Science, 1-12

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), 43-50

The recent development of metal oxide heterostructures based gas sensor, their future opportunities and challenges: a review
A Singh, S Sikarwar, A Verma, BC Yadav
Sensors and Actuators A: Physical 332, 113127

Visible light-induced, highly responsive, below lower explosive limit (LEL) LPG sensor based on hydrothermally synthesized barium hexaferrite nanorods
A Bhaduri, S Singh, KB Thapa, BC Yadav
Sensors and Actuators B: Chemical 348, 130714

Improved growth of nano tin ferrites with their decoration on carbon foam for wastewater treatment
S Singh, P Chaudhary, R Srivastava, RK Tripathi, R Kumar, BC Yadav
Environmental Nanotechnology, Monitoring & Management 16, 100546

High efficient carbon coated TiO2 electrode for ultra-capacitor applications S Tanwar, A Arya, N Singh, BC Yadav, V Kumar, A Rai, AL Sharma Journal of Physics D: Applied Physics 55 (5), 055501

Comparative study on humidity sensing abilities of synthesized mono and poly rhodium acryl amide tin oxide (RhAAm/SnO2) nanocomposites
LK Gupta, K Kumar, BC Yadav, TP Yadav, GI Dzhardimalieva, IE Uflyand
Sensors and Actuators A: Physical 330, 112839

High-Performance Humidity Sensing of Arsenic Based Chalcogenide Thin Films at Different Frequencies
S Mishra, P Lohia, P Chaudhary, BC Yadav, DK Dwivedi, H Fouad, ...
Science of Advanced Materials 13 (10), 2033-2042

Highly efficient in-situ sulfur doped graphitic carbon nitride nanoplates as an artificial photosynthetic system for NADH regeneration
SK Gupta, AK Gupta, RK Yadav, A Singh, BC Yadav Vietnam Journal of Chemistry 59 (5), 590-598

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 97 (5), 955-962

Co-precipitation Synthesis with a Variation of the Sulphur Composition of Kesterite Phase Cu2ZnSnS4 (CZSS) without Annealing Process

BCY Krishan Pal, D.K. Maurya, P. Chaudhary, K.B.
Thapa Journal of Physical Science 32 (2), 27-39

Synthesis and characterization of catalytic CVD growth pristine and functionalized MWCNT T
Haldar, U Kumar, BC Yadav, VVRK Kumar
Journal of Applied Physics 130 (7), 075106

Ultrahigh sun-light-responsive/not responsive integrated catalyst for C-S arylation/humidity sensing
S Chaubey, RK Yadav, TW Kim, AP Singh, K Kumar, BC Yadav
Vietnam Journal of Chemistry 59 (4), 500-510

Fabrication and characterization of an ultrasensitive humidity sensor based on chalcogenide glassy alloy thin films
S Mishra, P Chaudhary, BC Yadav, A Umar, P Lohia, DK
Dwivedi Engineered Science 15, 138-147

Surface modification and characterization of h-BN-doped PVP thin film and its application as humidity sensor with theoretical DFT calculations
L Kumari, U Kumar, L Sinha, O Prasad, BC Yadav, M
Gupta Chemical Papers 75 (8), 4055-4068

Solar light active flexible activated carbon cloth-based photocatalyst for Markovnikov- selective radical-radical cross-coupling of S-nucleophiles to terminal alkyne ...
P Singh, RK Yadav, TW Kim, TC Yadav, V Gole, AK Gupta, K Singh, ...
Journal of the Chinese Chemical Society 68 (8), 1435-1444

Evaluation of structural, dielectric and electrical humidity sensor behaviour of MgFe2O4 ferrite nanoparticles
RS Priya, P Chaudhary, ER Kumar, BC Yadav, DL
Sastry Ceramics International 47 (11), 15995-16008

2-D self-healable polyaniline-polypyrrole nanoflakes based triboelectric nanogenerator for self-powered solar light photo detector with DFT study
S Singh, RK Tripathi, MK Gupta, GI Dzhardimalieva, IE Uflyand, BC
Yadav Journal of Colloid and Interface Science 600, 572-585

Preparation and humidity sensing behavior of cadmium–zinc ferrite nanocomposite
BM Baraker, B Lobo, S Sikarwar, BC Yadav
Journal of Physics: Conference Series 1921 (1), 012119

Design and fabrication of quick responsive and highly sensitive LPG sensor using ZnO/SnO2 heterostructured film
A Singh, S Sikarwar, BC Yadav
Materials Research Express 8 (4), 045013

Transient photodetection studies on 2D ZnO nanostructures prepared by simple organic-solvent assisted route
A Verma, P Chaudhary, RK Tripathi, BC Yadav
Sensors and Actuators A: Physical 321, 112600

Effect of annealing temperature on a highly sensitive nickel oxide-based LPG sensor operated at room temperature
P Gupta, K Kumar, NK Pandey, BC Yadav, SH Saeed
Applied Physics A 127 (4), 1-15

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

Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: strategic implementation and challenges
R Kothari, A Vashishtha, HM Singh, VV Pathak, VV Tyagi, BC Yadav TIDEE:
TERI Information Digest on Energy and Environment 20 (1), 43-43

A review on the polymers with shape memory assisted self-healing properties for triboelectric nanogenerators
GI Dzhardimalieva, BC Yadav, IE Uflyand, CM Oliva González, ...
Journal of Materials Research 36 (6), 1225-1240

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

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

One-Pot Highly Effificient Synthesis of N-Enrich Graphene Quantum Dots as a Photocatalytic Platform for NAD+/NADP+ Reduction
AS Shivani Gupta, R. K. Yadav, A. K. Gupta, Balchand Yadav
Photochemistry and Photobiology 97, 1498–1506

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 Tripathi1, O. S. Panwar, Ishpal Rawal, C. K. Dixit, Arpit ...
Journal of Materials Science: Materials in Electronics 32 (32), 2535–2546

Evaluation of structural, dielectric and electrical humidity sensor behaviour of MgFe2O4 ferrite nanoparticles
DLS R. Shunmuga Priya a , Priyanka Chaudhary b , E. Ranjith Kumar c,* , A ...
Ceramics International, 1-14

Eosin-Y and sulfur-codoped gC 3 N 4 composite for photocatalytic applications: the regeneration of NADH/NADPH and the oxidation of sulfide to sulfoxide
P Singh, RK Yadav, K Kumar, Y Lee, AK Gupta, K Kumar, BC Yadav, ...
Catalysis Science & Technology 11 (19), 6401-6410

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

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

The functionalization of polyacrylamide with MoS 2 nanoflakes for use in transient photodetectors
A Verma, P Chaudhary, RK Tripathi, BC Yadav

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

Prof. Devesh Kumar

Biotransformation of BPA via epoxidation catalyzed by Cytochrome P450 R
Yadav, N Awasthi, D Kumar
norganic Chemistry Communications 139, 109321

A theoretical investigation of nonlinear optical and electronic molecular parameters of hexabutyloxytryphenylene and halogenated hexabutyloxytryphenylene molecules using … B
Pal, M Mishra, D Singh, D Kumar
Physica Scripta

Materials Science and Molecular Modeling A
Kumar, SP Goutam, D Kumar Emerging
Domains of Material Science 1, 13

Oxidative dehalogenation of halophenols by high-valent nonheme iron (IV)-oxo intermediates U
KumaráBagha, J KumaráSatpathy, SP áde Visser
Faraday Discussions

Metabolism of 8-aminoquinoline (8AQ) primaquine via aromatic hydroxylation step mediated by cytochrome P450 enzyme using density functional theory
N Awasthi, R Yadav, D Kumar
Journal of Organometallic Chemistry 957, 122154

Interplay between two degenerate spin state determines the hydroxylation of 4-nitrophenol catalyzed via Cytochrome P450
N Awasthi, R Yadav, A Shukla, D Kumar Inorganic
Chemistry Communications 132, 108857

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

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

Efficient anticarcinogenic activity of α-Fe2O3 nanoparticles: In-vitro and computational study on human renal carcinoma cells HEK-293
G Abbas, KB Singh, N Kumar, A Shukla, D Kumar, G Pandey
Materials Today Communications 26, 102175

Computational Investigations on Interactions Between DNA and Flavonols A
Shukla, R Mishra, R Yadav, N Awasthi, D Kumar

Jordan Journal of Physics
S Chaudhary, N Kumar, P Singh, KB Thapa, D Kumar
Jordan Journal of Physics 14 (1), 79-87

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

Interaction of Nucleic Acid Bases (NABs) with Graphene (GR) and Boron Nitride Graphene (BNG)
A Kumar, D Kumar
Journal of Molecular Structure 1222, 128889

iii. Dr. Ramesh Chandra

Nuclear transition matrix elements for neutrinoless double- decay of Ge 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 (01), 2150004

iv. Dr. Anil Kumar Yadav

Green TiO2–ZnO nanocomposite stimulator for the growth of Solanum lycopersicum in aquaculture
R Diptarka, YA Kumar
Applied Nanoscience

Assessment of Available AMBER Force Fields to Model DNA-Ligand Interactions M
Misra, AK Yadav

Molecular docking studies on binding specificity of 3, 6-and 2, 7-carbazoles with DNA duplexes
A Pandey, M Misra, AK Yadav
European Journal of Biological Research 11 (1), 14-23

v. Dr. Devendra Singh

A theoretical investigation of nonlinear optical and electronic molecular parameters of hexabutyloxytryphenylene and halogenated hexabutyloxytryphenylene molecules using.
B Pal, M Mishra, D Singh, D
Kumar Physica Scripta

vi. Dr. Khem B. Thapa

Improved room temperature liquefied petroleum gas sensing performance of Ni0. 5Zn0. 5Fe2O4@ Cl–doped polypyrrole nanoweb
A Bhaduri, S Singh, KB Thapa, BC Yadav Materials
Science and Engineering: B 279, 115660

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

Analysis of Photonic Band Structure Tunability for TE and TM Modes in a Silicon and Polymer Based Ternary Photonic Crystal for Visible Range Devices
GN Pandey, N Kumar, P Singh, KB
Thapa Silicon, 1-8

Theoretical investigation of coupling of surface plasmons in one-dimensional periodic structure of SiO2 and TiO2 with defect of nanocomposite of liquid crystals and core-shell … V Gupta, P Singh, KB Thapa

Long-range surface plasmon resonance biosensors with cytop/Al/Perovskite and cytop/Al/MoS2 configurations
M Kumar, KB Thapa, P Singh
Physica Scripta 97 (5), 055501

Theoretical investigation of optical properties and Faraday rotation of one-dimensional periodic structure of magneto-optical material with a defect electro-optical material …
VK Nautiyal, P Singh, P Upadhyay, KB
Thapa Indian Journal of Physics, 1-10

Analysis of multichannel reflectors using one dimensional photonic crystal with symmetric and asymmetric micro-plasma defects
AK PANDEY, GN PANDEY, N KUMAR, KB THAPA, JP PANDEY
Optoelectronics and Advanced Materials-Rapid Communications 16
(January

Visible light-induced, highly responsive, below lower explosive limit (LEL) LPG sensor based on hydrothermally synthesized barium hexaferrite nanorods
A Bhaduri, S Singh, KB Thapa, BC Yadav
Sensors and Actuators B: Chemical 348, 130714

Omnidirectional Reflectance of Superconductor-Dielectric Photonic Crystal in THz Frequency Range
GN Pandey, B Suthar, N Kumar, KB Thapa
Journal of Superconductivity and Novel Magnetism 34 (8), 2031-2039

Simulation of 2D Interference Pattern Structure for Rectangular and Circular Slits Using Dual Beam Interference Technique
GN Pandey, AK Shukla, KB Thapa, M Singh, RC Singh
Macromolecular Symposia 397 (1), 2100001

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

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

Co-precipitation Synthesis with a Variation of the Sulphur Composition of Kesterite Phase Cu_2ZnSnS_4 (CZSS) without Annealing Process
K Pal, DK Maurya, P Chaudhary, KB Thapa, BC
Yadav Journal of Physical Science 32 (2), 27-39

Jordan Journal of Physics
S Chaudhary, N Kumar, P Singh, KB Thapa, D Kumar
Jordan Journal of Physics 14 (1), 79-87

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

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

Attended /Participated in conference/seminar/workshop/Webinar inside country

Prof. B. C. Yadav 03

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

- *0* Prof. B. C. Yadav 01

Details of invited lecture inside the country :

- *0* Prof. B. C. Yadav : 07
- *I* Dr. Khem. B. Thapa : 01

Details of invited lecture outside the country.

- *0* Prof. B. C. Yadav: 01

Details of Research Project (Major/Minor):

- *0* Design and fabrication of Biosensors based on breath analysis technique using nanostructure meta loxide thin films for the detection of diabetes and others diseases, PI, Prof. B. C. Yadav, Funding Agency, Council of Science & Technology, Amount,11.19/- 2021-20211
- *I* Preparation and Properties of slef -healing polymer based nanohybrid materials for energy harvesting application" PI, Prof. B. C. Yadav, Funding Agency, DST, Amount,15,44,800/- 2022.

Students Achievements:

i. Ph.D. awarded during the year:-

S.No	Name of Students	Guide	Co-guide	Title	Fellowship availed/availing
1.	Shivani Chaudhary	Prof. Devesh Kumar		—Electro-optical properties of liquid crystal molecules by quantum mechanical methods _‘	UGC-

2.	Priyanka Chuadhary	Prof. B. C. Yadav		Investigations on Nanometallopolymers and Quantum dost with their Humidity and Gas Sensing Applications	UGC
3.	Nidhi Awashti	Prof. Devesh Kumar		Understanding the metabolism of drug like Molecules by Heme & Non-Heme Modeled Enzymes Using Quantum Mechanical Tools	UGC
4.	Rolly Yadav	Prof. Devesh Kumar		Quantum Mechanical Study of Modelled/Biomimetic Heme and Non-Heme type Metalloenzymes	Inspire Fellowship
5.	Kirshan Pal	Dr. Khem. B. Thapa		Synthesis and Characterization of Functional Materials for Energy 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.	Shakti Singh	Prof. B.C. Yadav		Synthesis and Characterization of self-healing Nano- Materials and their Applications	UGC-
5.	Anamika Shukla	Prof. Devesh Kumar		—Quantum mechanical/Molecular Mechanical (QM/MM) studies of DNA Binding Drugs _‘	INSPIRE Fellowship
6.	Mritunjay Mishra	Prof. Devesh Kumar		Study of Molecular Interaction and Electro-Optical properties of Liquid Crystal Molecules using Density Functional Theory	UGC
7.	Monu Gupta	Prof. B.C. Yadav		Synthesis of metal oxides nanocomposites and their relevance in the detection of diabetes and other diseases	UGC

8.	Deeptarka Roy	Dr. Anil Kumar Yadav		Synthesis and Characterization of Nanostructures' with Functional Properties for the Novel Applications	UGC-
9.	Abhisikta Bhaduri	Dr. Khem. B. Thapa		Investigation of Micro and Nan ferrites and their Applications	UGC-
10.	Bhavna Pal	Dr. Devendra Singh		Electro–optical and Physical Properties of Liquid Crystal Molecules Studied by Quantum Mechanical Methodology	UGC-
11.	Abhishek Prakash Tiwari	Prof. B.C.Yadav		Fabrication of Metal Oxide based Nanomaterials and Their Application for Antimicrobial Activity	Nil
12.	Prashasti Sinha	Dr. Anil Kumar Yadav		Study of Novel Potential Antiviral Drug Candidates Using Computational Tools	UGC
13.	Varsha Gautam	Prof. Devesh Kumar		Molecular Spectroscopy of Organic and Inorganic Liquid Crystals Studied by Computational Method	UGC
14.	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:					
1.	Sachin Kumar Yadav	Dr. Anil Kumar Yadav		SYNTHESIS AND CHARACTERIZATION OF GRAPHENE OXIDE BASED NANOFLUIDS & STUDY OF ITS THERMAL CONDUCTIVITY	UGC
2.	Sumit Tiwari	Dr. Devendra Singh		—QUANTUM MECHANICAL STUDY OF LIQUID CRYSTALS‖	UGC
3.	Varsha Gautam	Dr. Khem B. Thapa		Synthesis and characterization of doped ZnO nano-material for removing hazardous impurity of Arsenic in water	UGC
iv. M.Phil. Pursuing					
1.	Manas 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 :-

Number of students Completed their/Graduation/ Diploma	M.Sc. Physics	32
	M.Sc. Nuclear Technology	05
	M.Phil.	03
Number of student pursuing higher studies	03 in Ph.D.	
Number of students NET/JRF any other	02 NET, 04 GATE	

fellowship		
Number of students selected on other government jobs	Govt. Job	01
	Teaching Job	01
	Private Job	05
	Projects	01

Google scholar profile of the faculty members:-

Prof. Bal Chandra Yadav

	All	Since 2017
Citations	5000	3442
h-index	38	33
i10-index	126	103

Prof. Devesh Kumar

	All	Since 2017
Citations	8682	3351
h-index	51	29
i10-index	85	67

Dr. Ramesh Chandra

	All	Since 2017
Citations	622	220
h-index	11	9
i10-index	12	9

Dr. Anil Kumar Yadav

	All	Since 2017
Citations	412	365
h-index	6	6
i10-index	6	3

Dr. Devendra Singh

	All	Since 2017
Citations	119	112
h-index	5	4
i10-index	2	2

Dr. Khem B Thapa

	All	Since 2017
Citations	1019	711
h-index	14	11
i10-index	21	12

vii. Dr. Ajeet Kumar Maurya

	All	Since 2017
Citations	468	328
h-index	14	11
i10-index	17	13

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.

Courses offered/New Courses:-

P.G. Programme (M.Sc. in Statistics)
M.Phil. in Statistics
Ph.D. in Statistics

Facilities available in the Department:-

Computer Lab (with 20 computers & 01 projector)
Research scholar's room
Class rooms
Rooms for faculty members

Details of the Faculty:-

0 **Dr. Surinder Kumar**
Designation:- Head & Professor
Teaching & Research Experience:- Teaching- 22 Year, Research-26 Years
Area of Specialization:- Reliability Theory, Sequential Testing, Bayesian Analysis

I **Dr. Madhulika Dube**
Designation:- Professor
Teaching & Research Experience:- Teaching- 36 Years, Research-38 Years
Area of Specialization:- Econometrics, Biostatistics/Medical Statistics, Regression

II **Dr. Madhulika Dube**
Designation:- Professor
Teaching & Research Experience:- Teaching- 36 Years, Research-38 Years
Area of Specialization:- Econometrics, Biostatistics/Medical Statistics, Regression

III **Dr. MadhulikaDube**
Designation:- Professor

Teaching & Research Experience:- Teaching- 36 Years, Research-38 Years
Area of Specialization:- Econometrics, Biostatistics/Medical Statistics, Regression

Dr. Subhash Kumar Yadav
Designation:- Associate Professor
Teaching & Research Experience:- Teaching- 16 years, Research-16 years
Area of Specialization:- Sampling, Regression Analysis, Operations Research

Dr. Rahul Varshney Designation:-
Assistant Professor
Teaching & Research Experience:- Teaching- 10 Years, Research-16 Years
Area of Specialization:- Sampling Theory, Mathematical Programming, Optimization

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

Dr. Minakshi Mishra Designation:-
Assistant Professor
Teaching & Research Experience:- Teaching- 4 Years and 8 months, Research-10 Years
Area of Specialization:- Regression Analysis, Design of Experiment and Soft-Computing Techniques

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

Online Seminar on Benefits of Carrer at Virtue Analytics Inc.by Mr. Ajeet Kumar (05.02.2022).

Other Department Level Academic Activities

Online Orientation Programme for batch 2021-23 (05.01.2022)
Online Interaction of current batch students with alumni from corporate sectors (08.01.2022)
Online Alumni Meet (27.03.2022)

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

0 **Dr. Surinder Kumar**

0 DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
I BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
II School Board Member, School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow
III RDCU member Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.
IV BPGS Member, Department of Statistics, Beer Bahadur Singh Purvanchal University, Jaunpur

I **Prof. Madhulika Dube**

a) Coordinator, International Student's Centre, BBAU -2019- till date
External Member, PG Board of Studies in Statistics, NEHU, Shillong- 2021-23

External Expert, Academic Planning Board, Indira Gandhi University, Meerpur Rewari, Haryana-2020-22
Honorary Advisor & Expert, Institutional Research and Development Committee, Saraswati Dental College, Lucknow- 2020- till date
External Expert, Academic Council, **Indira Gandhi University, Meerpur** Rewari, Haryana-2020-22

Membership of Associations and Scientific Bodies:

Member, Data Analytics Core Group
Life Member Indian Bayesian Society
Life Member Indian Science Congress Association.
Life Member Indian Statistical Association.
Life Member the Indian Econometric Society.
Life Member Indian Society of Information Theory and Applications.
Life Member Forum for Interdisciplinary Mathematics

Dr. Subhash Kumar Yadav

Administrative Warden, Ashoka Boys Hostel, BBAU, Lucknow
DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow
Member of NIRF Committee, BBAU, Lucknow
Assistant PIC, Store and Purchase, BBAU, Lucknow
Convener, International Student Centre, BBAU, Lucknow
Departmental Coordinator, NAAC, BBAU, Lucknow
Member Atal Ranking Committee, BBAU, Lucknow

Dr. Rahul Varshney

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

Dr. Amit Kumar Misra

Student member of Institute of Actuaries of India
Lifetime member of Indian Society for Medical Statistics
Lifetime member of Indian Science Congress
Member, DRC,Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Member, Students Grievances Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Member, Departmental Council, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Member, Departmental Purchase Committee, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Member, Departmental IQAC, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Departmental Coordinator, Alumni Cell, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow

Member, RDCU, Babasaheb Bhimrao Ambedkar University, Lucknow
Coordinator and Mentor for SWAYAM Courses, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Member, BPGS,Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Minakshi Mishra

Life Member of Society for Application of Statistics in Agriculture and Allied sciences
Life Member of Crop &Weed Science Society, BCKV.
DRC member, Department of Statistics BabasahebBhimraoAmbedkar University, Lucknow
BPGS member, Department of Statistics BabasahebBhimraoAmbedkar University, Lucknow
BUGS member, Department of Commerce, Babasaheb Bhimrao Ambedkar University, Lucknow

Details of Books written/ Edited :-

Dr. Minakshi Mishra

- ***0*** Title of the chapter:- An Overview of Artificial Neural Networks (ANNs): Concepts and Applications, Name of the author:- Minakshi Mishra, Ratan Kumar Thakur and Chandni Kumari,
- ***I*** Title of the book:- Advance Research Trends in Statistics and Data Science, 65-75. ISBN: 978-81-949305-4-9, Year of publication:- 2021
- ***II*** Title of the chapter:- Simultaneous Equation Models: An Overview , Name of the author:- Minakshi Mishra, Ratan Kumar Thakur and Chandni Kumari ,
- ***III*** Title of the book:- Recent Research in Mathematical, Statistical and Computational Sciences, Year of publication**:-** 2021

Papers published during the year:-

Prof. Surinder Kumar:-

- ***0*** N. Okendro Singh, Ch. Basudha, N. Gopimohan Singh and Surinder Kumar Modeling seasonal growth of Tor tor (Hamilton 1822) in pond environment Indian Journal of Fishries 68(4):142-145 (2021)
- ***I*** Surinder Kumar, Premlata Gautam and Vaidehi Singh Inference on positive exponential family of distributions (PEFD) through transformation method Journal of reliability and statistical studies 13(2-4):363-384 (2021)
- ***II*** Surinder Kumar, Vaidehi Singh and Premlata Gautam Bayesian estimation for the scale parameter of a family of lifetime distributions under different priors Thailand Statistician 19(4):677-697 (2021).

Prof. Madhulika Dube:-

- ***0*** Madhulika Dube, Vishwajeet Singh & Subhash Kumar Yadav An Application of Multivariate Method for Evaluation of Regional Disparities in Infrastructural. Development: A Case Study. International Journal of Ecological Economics and Statistics.43 (1), 1–11.(2022)
- ***I*** Madhulika Dube, Subhash Kumar Yadav & Vishwajeet Singh Uncovering Regional Disparities in Infrastructural Development of Uttar Pradesh: An Exploratory Factor Analysis. Journal of Reliability and Statistical Studies. 15(1), 1-16.(2022)

Dr. Subhash Kumar Yadav:-

- ***0*** Yadav, S.K. and Akhter, Y. Response: Commentary: Statistical Modeling for the Prediction of Infectious Disease. Dissemination With Special Reference to COVID-19 Spread. Frontiers in Public Health (2022).

Yadav, S.K., Zhao, S. and Akhter, Y. Response to Comments on —Preliminary estimation of the basic reproduction number of novel. Corona virus (2019- nCoV) in China, from 2019 to 2020: a data-driven analysis in the early phase of the outbreak International Journal of Infectious Diseases (2022).

Sharma, D.K., Yadav, S.K. and Sharma, H. Improvement in estimation of population variance utilizing known auxiliary parameters for a decision-making model International Journal of Mathematical Modelling and Numerical Optimization (2022).

Yadav, S.K., Sharma, D.K. and Sharma, H. Use of Known Population Median of Study Variable for Elevated Estimation of Population Mean International Journal of Applied Management Science (2021)

Yadav, S.K. and Akhter, Y. Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special. Reference to COVID-19 Spread Frontiers in Public Health (2021).

Yadav, S.K., Sharma, D.K. and Alade, J.A. Computation of Improved Searls Estimation of Population Variance Using Robust Auxiliary . Parameters Recent Advances in Computer Science and Communications (2021).

Yadav, S.K., Sharma, D.K. and Baghel, S. Upgraded Family of Estimators of Population Mean using Known Parameters of Auxiliary and. Study Variables International Journal of Mathematical Modelling and Numerical Optimization (2021).

Yadav, S.K., Sharma, D.K., and Brown, K. New Class of Estimators for Enhanced Estimation of Average Production of Peppermint Yield. Utilizing Known Auxiliary Variable International Journal of Mathematics in Operational Research (2021).

Yadav, S.K., Sharma, D.K., and Mishra, S. S.New modified ratio type estimator of population mean using known median of study variable International Journal of Operational Research (2021).

Yadav, S.K. and Zaman, T. Use of some conventional and non-conventional parameters for improving the Efficiency of ratio-. type estimators Journal of Statistics & Management Systems (2021).

Yadav, S. K., Sharma, D.K., Alade, A.J. and Shukla, A.K. Naive Regression Growth Models for Prediction of Peppermint Yield Production Journal of Reliability and Statistical Studies (2021)

Sharma, D.K., Yadav, S.K. and Sharma, H. Advanced class for variance estimation utilizing known quartiles of the auxiliary variable International Journal of Applied Management Science (2021)

Yadav, S.K., Sharma, D.K., and Kadilar, C. New family of estimators for population mean using regression-cum-ratio exponential estimators International Journal of Mathematics in Operational Research (2021).

Yadav, S.K. and Baghel, S. A redefined class of ratio estimators using auxiliary information for the estimation of population mean under simple random sampling scheme Revista Investigacion Operacional (2021).

P.P. Mishra, T. Poongodi, S.K. Yadav and S.S. Mishra Algorithmic approach to time-cost analysis of queued commodity flowing through critical path International Journal of Mathematics in Operational Research (2021).

Dr. Rahul Varshney:-

Abdullah Ali H. Ahmadinia, Rahul Varshney, Mradula, Irfan Ali On multivariate multiobjective stratified sampling design under probabilistic environment: A fuzzy programming techniqueJournal of King Saud University – Science 33(5) 101448 (2021).

Dr. Amit Kumar Misra:-

- Misra, A. K., Gupta, V. and Misra, N. Residual Stochastic Precedence Order Probability in the Engineering and Informational Sciences, Volume 35, Issue 3, pp. 496-512. ISSN: 0269-9648 (Print), 1469-8951 (Online) (2021).
- 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, Volume 48, Issue 10, pp.1798-1815. ISSN: 0266-4763 (Print), 1360-0532 (Online), Published online (2021)
- Misra, A. K., Gupta, V. and Chanchal, R. Inactivity Stochastic Precedence Order Communications in Statistics-Theory and Methods, Volume 51, Issue 8, pp. 2590-2609. ISSN: 0361-0926 (Print), 1532-415X (Online), Published online (2022)

Dr. Minakshi Mishra:-

- 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), 533-538. Impact Factor 0.050. (2021)

Attended/Participated in Conferences/ Workshops inside Country:

Dr. Subhash Kumar Yadav

- 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.
- 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. Rahul Varshney

- Participated in Online ―Two Week Refresher Course in Statistics‖ on the theme ―Applications of Statistical Techniques in Real World‖ held during May 01 – 15, 2021 organized by Teaching and Learning Centre, Ramanujan College, University of Delhi.

Invited Lectures inside country:-

Prof. Surinder Kumar:-

- Delivered a Lecture entitled ―Parametric and Non-parametric, Tests-I and Tests-II‖ on 23-11-2021 in Intermulti Disciplinary Refresher Course on ―Role of Statistical Methods in data Analysis and Research (17-11-2021 to 01-12-2021)‖ at UGC HRDC, Dr. Hari Singh Gour Vishwavidyalaya.

Dr. Subhash Kumar Yadav:-

One Week Online Faculty Development Program on Advanced Research Methodology Applicable in New Education Policy organized by Digvijai Nath Post Graduate College, Gorakhpur and Science Tech Institute, Lucknow from 22nd June-28th June, 2021.

National Conference on Advancement in Interdisciplinary Research (NCAIR-2021), Jointly organized by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021.

Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 04.08.2021 on the topic ‗Data Collection-Designing of Questionnaire and sample size determination‘.

Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for Newly Appointed Assistant Statistical Officers on 07.09.2021 on the topic ‗Basic Statistics and its Applications'.

Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for Newly Appointed Assistant Statistical Officers on 21.09.2021 on the topic ‗Time Series and Econometric Analyses'.

Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 21.12.2021 on the topic ‗Data Collection-Designing of Questionnaire and sample size determination'.

International Workshop on Advance Statistical Data Analysis Using SPSS on 26.01.2022 during 21-27 January, 2022 on the topic ―Cluster Analysis‖ organized by Science Tech Institute, Lucknow, UP India.

One Week Online Faculty Development Program (FDP) on Advanced Research Methodology during 21-27 March 2022 on the topic ―Data Collection and Visualization‖
organized by Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute, Lucknow.

Ten Days Workshop Sponsored by ICSSR on the topic ―Research Methodology‖ during 21st - 30th March 2022 on the topics ―Sampling Techniques in Research and Factor Analysis‖ organized by Department of Rural Management, Babasaheb Bhimrao Ambedkar University, Lucknow.

National Conference on Advanced Statistics and Applied Sciences (Asas-2022) during 30th-31st March 2022 organized by Ramanujan Center of Applied Mathematics & Research Ramanujan College, University of Delhi, Delhi, India.

Dr. Rahul Varshney:-

Delivered an invited talk on ―Computation with R‖ in Seven days online workshop on research methodology in mathematical sciences organised by Department of Mathematics and Statistics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur during July 04-10, 2021. (Online)

Delivered an invited talk on ―Survey Technique, Sampling and Non Sampling Error‖ at Training Centre, State Planning Institute, UP, Lucknow on Aug 04, 2021.

Delivered an invited talk on ―Application of Statistics‖ at Training Centre, State Planning Institute, UP, Lucknow on Sep 07, 2021.

Delivered an invited talk on ―Vital Statistics‖ at Training Centre, State Planning Institute, UP, Lucknow on Sep 07, 2021.

Delivered an invited talk on ―Demography and Population studies with special emphasis on Demographic Statistics: Theory & Practice‖ at Training Centre, State Planning Institute, UP, Lucknow on Sep 27, 2021.

Delivered an invited talk on ―Design of Sample Survey‖ at Training Centre, State Planning Institute, UP, Lucknow on Sep 27, 2021.

Delivered an invited talk on ―Graphics with R‖ in AICTE Training and Learning (ATAL) FDP on Data Analysis Using R, Lucknow during Oct 25-29, 2021. (Online FDP)

Delivered an invited talk on ―Application of Statistics‖ at Training Centre, State Planning Institute, UP, Lucknow on Nov 20, 2021.

Delivered an invited talk on ―Vital Statistics‖ at Training Centre, State Planning Institute, UP, Lucknow on Nov 20, 2021.

Delivered an invited talk on R-Software in Training on ―Computational Innovation in Technology in the field of Statistics‖ organized by School of Basic Sciences & Technology, IIMT University, Meerut on Dec 04, 2021.

Delivered an invited talk on ―Demography and Population studies with special emphasis on Demographic Statistics: Theory & Practice‖ at Training Centre, State Planning Institute, UP, Lucknow on Dec 08, 2021.

Delivered an invited talk on ―Design of Sample Survey‖ at Training Centre, State Planning Institute, UP, Lucknow on Dec 08, 2021.

Delivered an invited talk on SPSS-Software in Training on ―Computational Innovation in Technology in the field of Statistics‖ organized by School of Basic Sciences & Technology, IIMT University, Meerut on Dec 17, 2021

Delivered an invited talk on ―Sampling and Non Sampling Error‖ at Training Centre, State Planning Institute, UP, Lucknow on Dec 21, 2021.

Delivered an invited talk on ―Introduction and Computation with Software R‖ at Training Centre, State Planning Institute, UP, Lucknow on Dec 21, 2021.

Delivered an invited talk on ―Measures of Central Tendency, Dispersion, Skewness and Kurtosis‖ in FDP on Research Methodology, organised by Department of Rural Management, B.B.A. University, Lucknow on March 24, 2022. (Online FDP)

Delivered an invited talk on ―Optimization with R‖ in online workshop on research methodology in mathematical sciences organised by Department of Mathematics and Statistics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur on March 28, 2022.

Dr. Amit Kumar Misra:-

Resource person for a two-week online workshop entitled ―Tools and Techniques in Statistical Analysis‖organized by Acharya Narendra Dev College, University of Delhi, during Apr. 06-19, 2021.

Resource person for the Two-week Refresher Course in Statistics on ―Applications of Statistical Techniques in Real World‖ organized by theDept. of Statistics, Ramanujan College in collaboration with TLC, Ramanujan College, University of Delhi, during May 01-15, 2021.

Resource person for the ATAL Academy Online Elementary FDP on ―Research Confront and Document Preparation using LaTeX ‖ held at NIT, Kurukshetra, during Aug.02-06, 2021.

Resource person for a One-Week virtual National Faculty Development Program on ―Scientific Documentation using LaTeX (SDL-2021)‖ organized by the Dept. of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram, A.P., during Aug. 09-14, 2021.

Delivered lectures on the topic Real Analysisduring online ‗National Level Training Programme in Statistics for Competitive/Entrance Examinations' organized by the Dept. of Statistics, Panjab University, Chandigarh,during Aug. 02-31, 2021.

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.25-30, 2021.

Resource person for the Three Days Online Workshop on LaTeX held at Dept. of Statistics, Panjab University, Chandigarh, during Jan.05-07, 2022.

Resource person for the UGC-HRDC Refresher Course of Statistical Computing in Social Science (Online)held at UGC-HRDC Centre, University of Rajasthan, Jaipur, during Jan. 24 to Feb. 05, 2022.

Delivered a Guest Lecture on the topic Non-Parametric Analysis using SPSSorganized byASLA, Amity University, Jaipur,onFeb. 25, 2022.

Resource person for the Short-Term Training Programme on ―Research Methodologies and Scientific Research Writing using LaTeX‖held at Dept. of Electronics and Communication Engineering, NIT, Kurukshetra, during Mar.12-16, 2022.

Students Achievements:-

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

S. No.	Name of Student	Name of Supervisor
1	Aditi Chaturvedi	Prof. Surinder Kumar
2	Mradula	Dr. Rahul Varshney
3	Ruby Chanchal	Dr. Amit Kumar Misra
4	Vaishali Gupta	Dr. Amit Kumar Misra

ii. Faculty wise supervision of the Ph.D. Degree submitted:

S. No.	Name of Student	Name of Supervisor
1	Ankit	Prof. Surinder Kumar

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	Arun Pal	Dr. Rahul Varshney	-
3	Ravi Shanker Sharma	Dr. Rahul Varshney	-
4	Vishwajeet Singh	Dr. Subhash Kumar Yadav	Prof. Madhulika Dube
5	Ratan Kumar Thakur	Dr. Minakshi Mishra	-
6	Pushpraj	Dr. Minakshi Mishra	-
7	Anuj Kumar	Dr. Minakshi Mishra	-
8	ShivendraPratap Singh	Dr. Amit Kumar Misra	-
9	Diksha Arya	Dr. Subhash Kumar Yadav	-

Accomplishments of students:

0 Number of students completed their masters: 18
I Number of students selected in civil services: 01
II Number of students selected in other government jobs/banking/school teaching etc.: 03
III Number of students awarded SLET/NET/JRF/any other fellowship: 03

Any other special achievement recorded by the students:

0 01 student Qualified GATE & 02 students qualified ISS examination

Students Publications :-

Book Chapter

a) Ratan Kumar Thakur

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

Simultaneous Equation Models: An Overview	**Minakshi Mishra**, Ratan Kumar Thakur and Surinder Kumar	Recent Research in Mathematical, Statistical and Computational Sciences	2021

ii. Book Chapter

Title of the paper	Name of the author(s)	Title of the journal	Year of publication
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), 533-538. Impact Factor 0.050	2021
Comparative analysis of Artificial Neural Network and Multiple Linear Regression Model for the prediction of noise level in the industrial zone of Lucknow.	Minakshi Mishra and Ratan Kumar Thakur	International Journal of Agricultural Statistical Sciences Vol. 18 (1). Impact Factor 0.050 (**Accepted**)	2022
Prediction of Noise Level for Industrial Zone using Bayesian Regularization Neural Network Training Algorithm	Minakshi Mishra and Ratan Kumar Thakur	International Journal of Ecological Economics & Statistics **(Accepted)**	2022

Google Profile of the faculty Members:-

Prof. Surinder Kumar:

Cited by

	All	Since 2017
Citations	97	53
h-index	4	4
i10-index	3	1

Prof. Madhulika Dube:

Cited by

	All	Since 2017
Citations	218	148
h-index	9	5
i10-index	9	4

iii. Dr. Subhash Kumar Yadav

	All	Since 2017
Citations	498	413
h-index	12	11
i10-index	15	13

Dr. Rahul Varshney:
Cited by

	All	Since 2017
Citations	249	111
h-index	6	4
i10-index	5	2

Dr. Amit Kumar Misra:
Cited by

	All	Since 2017
Citations	139	79
h-index	6	5
i10-index	5	3

Dr. Minakshi Mishra:
Cited by

	All	Since 2019
Citations	09	09
h-index	02	02
i10-index	0	0

INTEGRATED B.SC.- M.SC. (BASIC SCIENCE)

About the Course –

This course of Integrated Basic Sciences was initiated in the year 2013 under Innovative and Contemporary Programme. The syllabus of the course is designed on the patterns of IISER and it's a five year Integrated programme with the option to exit after three years with a graduation degree. This course encompasses different disciplines from biological sciences to mathematical sciences as the foundation with diversification from the third year in their field of specialization. This basis in also there in the New Education Policy.

Objectives of B.Sc./ M.Sc. Basic Science programme: The courses offered in the Integrated UG, PG programme at Babasaheb Bhimrao Ambedkar Central University, Lucknow form part of a comprehensive programme that will enable the students to understand the basic laws of nature and develop necessary skills to apply them to any desired area or discipline. The program is planned as a student centric collaborative learning. Students get trained for a career in basic sciences or any related applied science or technology.

General Pattern The courses offered during the first two years (Semesters I to IV) are meant as basic and introductory courses in Biology, Chemistry, Mathematics and Physics. These are common and mandatory for all students. They include four theory courses and three lab courses from each stream. These courses are meant to give a flavor of the various approaches and analyses and to prepare the students for advanced courses in later years of study. In addition, there will be Interdisciplinary Courses for computational skills and mathematical methods as well as Trans-disciplinary Courses on Scientific Inquiry and Conceptual Inquiry. In the third and fourth years (Semesters V-VIII), students have the freedom to choose advanced courses based on their interest and inclination. The courses offered in the first two years would help them to make an informed judgment to determine their real interest and their aptitude for a given subject. The fifth year will be devoted to a thesis by research, which completes the requirements of the program. Credits and Coursework Every student has to register for approximately 24 credits in a semester. During Semesters I-IV, she/he has to register for all the courses offered. During Semester V-VIII, she/he can register for up to 30 credits per semester, the minimum being 24. Each credit earned requires 4 hours of study per week.

Semester IX-X During the final two semesters of the program, students do an extended project for six credits that result in the M.Sc. thesis.

Course Offered:

Integrated B.Sc. - M.Sc. (Basic Sciences)

Details of the faculty:-

Prof. Rajesh Kumar

Professor & Co-ordinator

Specialization - Bioremediation of Hydrocarbon Stem nanogel Bioremediation **Qualification-** M. Sc.(Microbiology), Ph. D.

Other Departmental level Academic Activities:-

Special Lecture organized by the Department on Various Occasions.

Visitors of Department from inside the country:-

Prof R.M.Naik

Ex-Professor, Department of Chemistry
Lucknow University

LUCKNOW, UP, India

Prof R. R. Yadav
Professor, Department of Maths and Astronomy
Lucknow University
LUCKNOW, UP, India

Prof. O. P. Singh
Professor, Department of Physics
Institute of Engineering and Technology
(IET) Lucknow

Prof. Pankaj Mathur
Professor, Department of Maths and Astronomy
Lucknow University
LUCKNOW, UP, India

Dr. Alok Kalra
Ex-Director
Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) Kukrail Picnic Spot Road, LUCKNOW

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.

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

Prof Rajesh Kumar

PROFESSIONAL SOCIETIES MEMBERSHIP

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

Details of Books chapter in edited volume:-

Prof Rajesh Kumar

Rastogi, S., Ratna Sheel, Said Olfa Ben and Kumar Rajesh (2021). Physiological and molecular aspects of retrieving environmental stress in plants by microbial interactions. In: Microbes and signaling biomolecules against plant stress-startegies of plant -microbe relationships for better survival (Ed) Sharma A. ISBN 978-981-15-7094-0 pp107-126.

Ratna Sheel, Rastogi, S., and Kumar Rajesh(2021). Phytoremediation: a synergistic interaction between plants and microbes for removal of unwanted chemicals-contaminants.

In: Microbes and signaling biomolecules against plant stress-startegies of plant -microbe relationships for better survival (Ed) Sharma A. ISBN 978-981-15-7094-0 pp199-222.

Book Chapter of Resource Person/Guest Faculty

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.

Paper published during the year by the faculty members :-

i. Prof Rajesh Kumar

Ratna, S. and Kumar, R., 2022. Production of di-rhamnolipid with simultaneous distillery wastewater degradation and detoxification by newly isolated Pseudomonas aeruginosa SRRBL1. *Journal of Cleaner Production*, p.130429 **(IF:9.732).**

Anirudha Kumar, Asha Lata Singh, Rajesh Kumar and Prashant K. Singh (2022). Desulphurization of Dibenzothiophene by Different Bacterial Strains: An Eco-Friendly Approach to Obtain Clean Fuel from Coal. Geomicrobiology (in press).

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)**

Swati Rastogi, Shweta Tiwari, Sheel Ratna and Rajesh Kumar (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).**

Sheel Ratna, Swati Rastogi and Rajesh Kumar (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).**

Shweta Bharti, Rajesh Kumar, Sanjeeva Nayaka (2021). Evaluation of some traditional therapeutic properties of *Usnea longissimi* (Ascomycota, lichenized fungi): Antimicrobial, antiquorum and antioxidant. Journal of Microbiology, Biotechnology and Food Science.

Shweta Ambust, Amar Jyoti Das and rajesh Kumar (2021). Bioremediation of petroleum contaminated soil through biosurfactant and *Pseudomonas* sp. SA3 ammended design treatments. Current Res. Microbial Sc. Volume 2, December 2021. https://doi.org/10.1016/j.crmicr.2021.100031. (IF:

Amar Jyoti Das, Shweta Ambust, Tripti Singh and Rajesh Kumar (2021). Biosurfactant assisted design treatments for remediation of petroleum contaminated soil and metabolomics based interactive study with *Brassica nigra* L. Environmental Challenges ISSN: 2667-0100, Vol 4, August, 2021 https://doi.org/10.1016/j.envc.2021.100080

Resource persons/Guest Faculty Publications

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.

A. Singh, S. Sikarwar, A. Verma, B.C. Yadav (2021)The recent development of metal oxide heterostructures based gas sensor, their future opportunities and challenges: A review Sens. Act. A: Phy. Vol. 332, 113127. (I.F.3.4)

V. Manikandan, S. Sikarwar, B.C. Yadav, S. Vigneselvan, R.S. Mane, J. Chandrasekaran (2021) Ultra-sensitive behaviour of ruthenium-doped nickel ferrite thin film humidity sensorJ. Exp. Nanoscience Vol. 16, 44-51. (I.F.3)

N. Chaurasiya, U. Kumar, S. Sikarwar, B.C. Yadav,P.K. Yadawa (2021)Synthesis of TiO_2 nanorods using wet chemical method and theirphotovoltaic and humidity sensing applicationsSensors International.Vol. 2, 100095

P. Chaudhary, A. Singh, S. Sikarwar, B.C. Yadav(2022) One pot synthesis of phosphine free indium selenide (InSe) QDs and their structural characterization for LPG and humidity sensingJ Mater Sci: Mater Electron. (I.F..2.4)

L.K. Gupta,K. Kumar,S. Sikarwar, B.C. Yadav, N.D. Golubeva, G.I. Dzhardimalieva, Shripal(2022)Frontal polymerization synthesis of scandium polyacrylamide nanomaterial and its application in humidity testingColloid and Polymer Science. Vol. 300, 191-202.

Students Achievements.

- ***0*** Kayenat Akram of batch 2016-2021 secured highest score in Master‘s in basic sciences.
- ***I*** **Eighteen** students completed their master‘s degree in Basic Science.
- ***II*** **Ten** Students pursuing higher studies/Professional studies.

SCHOOL OF PERFORMING ARTS

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DEPARTMENT OF MUSIC

Introduction of the Department

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

Facilitate and promote the overall development of the personality of the students.
Sensitize the youth about the country‘s cultural diversity and rich heritage and thus inculcate respect for and pride in it.

To make students aware and recognition of the local art forms.

To make students aware of the primary music forms of India.

SCHOOL OF YOGA, NATUROPATHY AND COGNITIVE STUDIES

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DEPARTMENT OF YOGA

Introduction of the Department

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: From Session 2021-22
Certificate Course in Yoga INTAKE: 50 students
Title of the Programme: —Certificate Course in Yogall(CPY)

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

Duration of the course:

The duration of the CPY course will be SIX months (1 semester).
Eligibility of the candidate seeking admission: The candidate should have completed 12th Standard from a recognized board or equivalent.

SCHOOL OF SANSKRIT & INDIC STUDIES

DEPARTMENT OF SANSKRIT AND VEDIC STUDIES

Introduction of the Department:

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

Objectives of the Department:

Negotiate between, and bring together, through interactive projects, the traditional scholars /scholarships and the mainstream University scholars/scholarship.
Undertake maintenance and preservation of heritage texts and manuscripts.
Constitute and expound theoretical framework from the primary intellectual texts of the Sanskrit tradition , and
Extend and validate the classical theories by applying them both to contemporary Indian reality (modern Indian Languages, Literature, etc.)
And to contemporary European Languages and literature (to reverse the existing data – theory relationship between the Indian academy and to recover theory status for the Indian thought),
Undertake comparative research in Indian and western traditions of thought in linguistics ,literacy and cultural theory, philosophy including philosophy of language, metrics and prosody, sociological thought, polity, gender ,and ethnic studies and culture.
The school of Sanskrit and Indic Studies currently has M.A., Ph.D. Programs Courses in Sanskrit, Pali, Sanskrit Computational Linguistics, Philosophy and Vedic Culture. The school is planning to start several new courses and programs soon.

Course offered:

M.A. in Sanskrit and Vedic Studies

Programme Outcome:

Imparting wide ranging knowledge to students reflecting interdisciplinary dimensions
Make students awareness and develop the sense of Prepare Morality
Students for entry into higher education and research work
Inculcate in the students an approach of rational and scientific thinking
Develop in them a capability to take responsibilities in the discharge of their concerned duties.

Preparing them for multiple roles as the current of Sanskrit world demands multi-dimensional persona

Make them understand the significance of communication for the longevity and sustenance of any organization. This will make them communicate and interact productively with a diverse social groups and citizenry

Ensure that they understand what it means to be a responsible citizen and uphold the —Rule of Lawll, respect the Sanskrit Language, have a sense of Nationhood, Justice, Equality, Liberty and Fraternity.

Faculty details:-

S. No.	Name	Designation	Qualification	Area of Specialization
1.	**Prof. Ripu Sudan Singh**	Dean & Coordinator	M.A, M. Phil, Ph.D.	International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics

Resource Person:-

S. No.	Name	Designation	Qualification	Area of Specialization
1.	**Dr. Sudhanshu Chaubey**	Guest Faculty	Yoga Diploma, MA, Ph.D., PDF (ICSSR)	Sanskrit Sahitya, Linguistic
2.	**Dr. Sudha Srivastava**	Guest Faculty	MA, NET, Ph.D.	Sanskrit Sahitya, Linguistic

Academic Activities of the Faculty:

Prof. Ripu Sudan Singh

Dean & Coordinator

Details of the Seminar/Conference/Webinar organised by the Department:

Online Lecture on "ीि मानमेंसोस्कृि की उन्नयोर्गिा" organized by Prof. Ripu Sudan Singh On 06th February, 2021.

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

Course Offered:
B.Tech. Civil Engineering

Facilities available in the department:
04 Lecture Hall,
02 Civil Engineering Laboratories

Faculty Details - Resource Person (RP) :-

0 **Rtd. (prof.) V.K. Garg**
Resource Person, Deptt. of Civil Engg.
Specialization: Civil Engineering
Qualification: M. Tech.
Teaching Experience: 40 Years
Mail ID: vkgbbdu@gmail.com

(ii) Mr. Navendu Pratap Singh

Resource Person, Deptt. of Civil Engg.
Specialization: Seismic Design
Qualification: M. Tech.
Teaching Experience: 02 Years
Mail ID: navendusi@gmail.com

(iii) Mr. Islamuddin
Resource Person, Deptt. of Civil Engg.
Specialization: Environmental Engineering
Qualification: M. Tech.
Teaching Experience: 06 Years
Mail ID: islamgayas@gmail.com

(iv) Mr. Maaz Allah Khan
Resource Person, Deptt. of Civil Engg.
Specialization: Environmental Engineering
Qualification: M. Tech.
Teaching Experience: 06 Years
Mail ID: maazallah@rediffmail.com

(v) Mr. Abhishek Yadav
Resource Person, Deptt. of Civil Engg.
Specialization: Structural Engineering
Qualification: M. Tech.
Teaching Experience: 2.5 Years
Mail ID: yadavshek0001@gmail.com

(vi) Mr. Rohit Pandey
Resource Person, Deptt. of Civil Engg.
Specialization: Geoinformatics
Qualification: M. Tech.
Teaching Experience: 02 Years
Mail ID: rohit.panday23@gmail.com

5. Number of students completed their Masters/Graduation/Diploma:32

DEPARTMENT OF COMPUTER ENGINEERING

The Department of Computer and Engineering was established in 2013 to address the needs of the 21st century where the boundaries between traditional science and engineering disciplines are blurring. Since its inception, the department is dedicated to education, and overall excellence providing a superior teaching environment for its students to flourish in. With globalization of the Indian economy, vast opportunities of growth have been thrown open for the computer software and hardware industry. Software being one of the largest growing sectors of the Indian economy, the department of computer engineering is at the forefront of churning out software engineers. It continues to foster and engender the innovation and breadth of vision necessary to excel in the blooming software industry.

Besides imparting theoretical knowledge, a lot of stress is laid on hands-on training and overall, development of the individuals personality. The Department has the adequately equipped computing equipment to support the teaching learning activities

Course Offered:

B.Tech. Computer Engineering

Facilities available in the department:

Lab
Classroom
Washroom(Male, Female)
Water Cooler

0 **Details of Faculty:**

Dr. P. D. Saxena
Specialization: Decision Science
Qualifications: PhD [CS], M.Phil.[CS], PGDOM, M.B.A, CDM, M.C.A, B.Sc.

Dr. Sanjay Kumar Tiwari
Specialization: Plant Real Time System
Qualifications: BSC, PGDCA, MCA, MSC.CS, PhD

Dr. Virendra Singh
–
Specialization: Software Engineering
Qualifications: B.C.A, Msc. IT, PhD

Ms. Prachi Tandon Specialization:
Computer Network Qualifications:
M.Tech, B.TECH.

Dr. Vandana Rani Verma
Specialization: Computer Network
Qualifications: B.SC., MCA, M.Tech, PhD., Post Phd.

Ms. Hemani
Specialization: Information Technology
Qualifications: B.Tech., M.Tech.

Mr. Imran Khan
Specialization: Information Technology
Qualifications: B.Tech., M.Tech.

Mr. Ram Sanger Verma
Specialization: Computer Science & Engineering
Qualifications: B.Tech., M.Tech.

Mr. Hanuman Maurya Specialization:
Software Engineering Qualifications:
B.Tech., M.Tech.

Student"s achievements:

0 **Accomplishments of Students**

Number of students completed their Masters/ graduation/ Diploma	B. TECH.	26

DEPARTMENT OF ELECTRICAL ENGINEERING

Courses offered-

B.Tech. (Electrical Engineering)

Facilities available in the Department.-

2 Laboratories,
4 Lecture Halls,
2 Washrooms (Both male and female),
3 Water Coolers

Details of Faculty:

Dr. Imran Khan Specialization:
Power system **Qualification:**
Ph.D
Teaching & Research experience: 29 years
E-Mail: Pe.imran@gmail.com

Mr. Pramesh Kumar
Specialization: Hydro Power
Qualification: M.Tech
Teaching & Research experience: 15 years
E-Mail: Pramesh0000@gmail.com

Mr. Anwar Ahmad Specialization:
Power System Qualification:
M.Tech
Teaching & Research experience: 13 years
E-Mail: Anwara931@gmail.com

Mr. Vinamra Kumar Govil Specialization:
Electrical Engineering **Qualification:**
M.Tech
Teaching & Research experience: 8 years
E-Mail: Vinamragovil1985@gmail.com

Mr. Satyendra Vishwakarma
Specialization: Electrical Power & Energy Systems
Qualification: M.Tech
Teaching & Research experience: 5 years
E-Mail: Satyendrav89@gmail.com

Mr. Arun Kumar Singh
Specialization: Power system
Qualification: M.Tech
Teaching & Research experience: 4 years
E-Mail: Arunkumarsingh023@gmail.com

Mr. Jayanta Kumar Sahni

Specialization: Power System
Qualification: M.Tech
Teaching & Research experience: 4 years
E-Mail: jayantakumarsahni@gmail.com

Students achievements:-

Number of student completed their Masters/Graduation/Diploma Graduation- 22

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.

Head of the Department: Name: Dr.
Surinder Kumar **Designation:**
Professor **Department:**
Statistics **Mob No.:**
9410334706 **Email:**
surinderntls@gmail.com

Coordinator: Name: Dr.
Raj Shree
Assistant Professor: Department of Information Technology
Mob No.: +91-8562988463
Email: rajshree.bbau2009@gmail.com

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.

Course offered:

- ***0*** B.Tech Electronics & Communication Engineering

Facilities available in the Department:

- ***0*** 1 Lab,
- ***I*** 4 Classrooms,
- ***II*** 2 Washrooms (Both male and female)
- ***III*** 3 Water Coolers.

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

Resource Person:-

Dr. Vivek Shukla

Specialization: Digital Image Processing
Qualification: M.Tech. & Ph.D.
Teaching Experience: 9.6 years
Mail ID: vshukla110@gmail.com

Dr. Gyan Prabhakar

Specialization: Micro Electronics(VLSI) Design
Qualification: M.Tech. & Ph.D
Teaching Experience: 8.5 years
Mail ID: gyanprabhakar@gmail.com

iii. Dr. Vivek Kumar Singh

Specialization: Management/Economics
Qualification: Ph.D
Teaching Experience: 17 years
Mail ID: uniquevivek@gmail.com

Mr. Sandeep Saraswat

Specialization: Electronics Design and Technology Qualification:M.Tech
Teaching Experience:7 years
Mail ID: sandeepsaraswat55@gmail.com

Mr. Ankit Kumar Patel

Specialization: Communication Technology
Qualification: M.Tech
Teaching Experience: 6 years
Mail ID: ankitkrpatel@gmail.com

Mr. Aishwarya Chandel

Specialization: Instrumentation Engineering, Transducers & Sensors, Power plant Instrumentation, Remote Sensing & GIS engineering
Qualification: M.Tech
Teaching Experience: 1.6 years
Mail ID: aishwaryasingh1106@gmail.com

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

Member of Editorial Board:

Prof. B. C. Yadav

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

Details of Book Chapter in edited volume:

Dr. Pawan Kumar Chaurasia

Pawan Kumar Chaurasia, R A Khan (2019): —Improving Reliability of Object Oriented Designll,Verlag/Publisher, Scholar Press Deutschland, GERMANY(ISBN: 978-613-8-52436-6).

7. Paper Published during the year by the faculty :-

Prof. B.C. Yadav

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

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

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

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

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

Synthesis and structural characterizations of HAp–NaOH–Al_2O_3 composites for liquid petroleum gas sensing applications S K Avinashi, A Hussain, K Kumar, BC Yadav, C Gautam Oxford Open Materials Science 1 (1), itab006

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

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

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

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

Polymer chemistry underpinning materials for triboelectric nanogenerators (TENGs): recent trends GI Dzhardimalieva, BC Yadav, VL Tat'yana, IE Uflyand European Polymer Journal, 110163

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

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, B C Yadav Sensors and Actuators B: Chemical 2020, 129116-26

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Self-assembled carbon nitride/cobalt (III) porphyrin photocatalyst for mimicking natural photosynthesisU Chandani Singh, Surabhi Chaubey, Pooja Singh, Kavita Sharma, Shambhavi Diamond & Related Materials 101 (220), 107648-53

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

Resource Person Name:

Dr. Gyan Prabhakar

Paper Title MOS capacitor based Dickson charge pump and ripple cancellation techniques using an LC circuit ISSN 1327-2314/20/$35.00c 2020 – IOS Press.

Attended/ Participated in conference/ seminar/ workshop inside country- 03
Attended/ Participated in conference/seminar/workshop/outside country: 01
Details of invited inside the country: 02
Details of invited lecture outside the country: 03
Details of Research Projects (major/minor): 02
Student achievements:
Number of students completed their Graduation: 20

Google profile of the faculty:
Prof. B. C. Yadav

All Since 2016		
Citations	4202	3138
h-index	34	31
i10-index	110	95

i. Dr. Pawan Kumar Chaurasia

All Since 2016		
Citations	76	52
h-index	6	4
i10- index	0	0

ii. Dr. Gyan Prabhakar (RP)

All Since 2016		
Citations	29	21
h-index	3	2
i10- index	1	1

DEPARTMENT OF MECHANICAL & AUTOMOBILE ENGINEERING

The Department of Mechanical Engineering is offering four years Bachelor Degree. The department was established in year 2013 and later in year 2018, the department was renamed as **"Mechanical Automobile Engineering".** The department has a comprehensive curriculum on topics related to all aspects of Mechanical & Automobile Engineering with an emphasis on practical learning. Mechanical & Automobile Engineers engage in research, design, development and testing of Mechanical equipment used in various industries. Further the department of Mechanical & Automobile Engineering has adequate infrastructure and workshop along with experienced Resource Persons to deliver lectures.

Courses offered-

0 B.Tech. (Mechanical Engineering)

Facilities available in the Department-

0 2 Laboratories
I 4 Lecture Halls
II 2 Washrooms (Both male and female)
III 3 Water Coolers

Details of Faculty:-

0 **Prof. Beer Singh Bhadauria**
Head of Department, Mechanical & Automobile Engineering.
Specialization: Fluid Mechanics, Nanofluids, Mathematical Modelling, Numerical Methods
Qualification : Ph.D.(JNVU), D.Sc. (BHU, Varanasi)
Experience : Teaching - 24 Years Research - 26 Years
Contact : +91-9453641182
Email ID : mathsbsb@yahoo.com, drbsbhadauria@rediffmail.com

Dr. Sunil Kumar Singh
Coordinator, Mechanical & Automobile Engineering.
Specialization : Wavelet Analysis, Integral Transforms and Distribution Theory
Qualification : Ph.D.(BHU, Varanasi)
Experience: Teaching - 12 Year Research - 7 Year
Contact : +91-9436895841
Email ID : sks_math@yahoo.com

Resource Person:-

Mr. Shailendra Singh
Specialization: Thermodynamics, Solar Energy
Qualification: M.Tech; Ph.D. (Pursuing)
Experience: 06 year

Mr. Deepak Singh
Specialization: Engineeirng Mechanics, Strength of Materials
Qualification: M.Tech; Ph.D. (Pursuing)
Experience: 06 year

Mr. Gaurav Bafila
Specialization: Material Science, Metrology

Qualification: M.Tech
Experience: 04 year

MR. Sarthak Verma
Specialization: Measurement & Metrology, Operation Research
Qualification: M.Tech
Experience: 2.5 year

Mr. Himanshu Gaur
Specialization: Kinematics Of Machines, Automobile Engineering
Qualification: M.Tech
Experience: 2 year

Mr. Chandra Kumar Dubey
Specialization: Thermal Energy **Qualification:** M.Tech
Experience: 1 year

Mr. Piyush Gupta
Specialization: Machine Designing
Qualification: M.Tech, Ph.D
Experience: 2 year

Students Achievements:-

Number of student completed their Masters/Graduation/Diploma Graduation- 22

BBAU SATELLITE CENTRE

About Satellite Centre:-

The Centre was established as a Satellite Centre, BBAU on 16th June, 2016 at Tikarmafi, Amethi situated 130 kms away from Lucknow. Keeping in view, the vision and mission of the University, the general milieu of this area, to promote educational and economic welfare of the general population, specially the marginalised and deprived sections of the society, the Centre was established specially to cater to the academic, social and economic upliftment of the people of Amethi and its nearby Districts in particular and others in general.

The Satellite Centre had started with three departments viz Department of Social Science & Commerce, Department of Languages & Vocational Studies and Department of Computer Science Information Technology. Presently, the departments have been restructured and analogues with the University departments, now, Department of Computer Science, Information Technology, Food Nutrition, English, Commerce, History, Political Science, Public Administration, Economics and Sociology are running at Satellite Centre, Amethi and all the Departments have been placed under the existing respective Schools in the main campus.

The Amethi Satellite Centre comprises the following Departments:-

Computer Science
Information Technology
History
Commerce
Political Science
Public Administration
Food & Nutrition
English

DEPARTMENT OF COMPUTER SCIENCE

Description of Department-

The Department of Computer Science (CS) 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.

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.

No of Course:-

Bachelor of Computer Application (BCA)

Facilities available in the Department:-

Computer Lab

Detail of Academic Activities:-

Workshop/Seminar/Event

During Session 2021-22, Department of Computer Science organized different workshops and technical events in collaboration with coding agencies for student welfare and enrichment of their co-curricular academic activities. All events are sponsored by industry and consultancy agencies for BCA and Bsc.IT Students of our University. The coordinators of events are Dr. Aditya Khamparia and Dr. Neeraj Tiwari. The details of events are mentioned below in tabular format.

S. No	Event Name	Event Type	Sponsored Agency/Collaboration	Date of Event	Resource Person	No. of Participants	Certificates Given to Students
1	Development of an Android Stop Watch	Workshop -One day	TekNavigators StaffingPvt. Limited, Lucknow, India	11/09/2021	Mr. Animesh Mishra	57	Yes
2	Exploring Tools of Distributed Denial of Services Attacks	Workshop -one day	Makryto Innovation Pvt. Limited, Amravati, Maharashtra	18/09/2021	Mr. Sagar Pande	84	Yes
3	Quarantea	Workshop	Code	04/10/2021	Dr. Aditya	53	Yes

	m Hack		Academy		Khamparia		
4	Code Shift	Online Coding Event	Code Chef	28/10/2021	Dr. Aditya Khamparia	421	Yes
5	Let's Code	Online Coding Event	Coding Ninja	18/11/2021	Dr. Aditya Khamparia	67	Yes
6	Data Science Online Seminar	Seminar	Esteems Tech	15/01/2022	Ms. Jasleen Kaur	82	Yes
7	Importance of Python in real world applications	Workshop	Tech Navigators	12/01/2022	Mr. Animesh	92	Yes
8	Ethical Hacking and Penetration Testing	Workshop	BBAU Amethi	29/01/2022	Mr. Apoorv Tripathi Ethical Hacker	53	Yes
9	Digital Marketing and Technologies	Online Seminar	Sheikh Computer Association-Jammu	22/01/2022	Dr. Tariq Hussain	76	Yes
10	Networking trends and their impact	Online Seminar	Department of CS, BBAU	09/03/2022	Ms. Pooja Agarwal	84	Yes

Detail of Faculty:-

Dr. Aditya Khamparia

Assistant Professor& Coordinator – Department of Computer Science
Education: B.E, M.Tech, Ph.D.

Publications:-

Ashish Khanna, Poonam Rani, Puneet Garg, Prakash Kumar Singh, **Aditya Khamparia**, —An Enhanced Crow Search Inspired Feature Selection Technique for Intrusion Detection Based Wireless Network System‖, Wireless Personal Communications, Springer (1.67SCI) 2021, https://link.springer.com/article/10.1007/s11277-021-08766-9.

Sagar Pande, **Aditya Khamparia**, Deepak Gupta, —Feature selection and comparison of classification algorithms for wireless sensor network‖, Journal of Ambient Intelligence and Humanized Computing, 2021(SCI IF: 7.1) https://link.springer.com/article/10.1007/s12652-021-03411-6.

Aditya Khamparia, Babita Pandey, Fadi Al-Turjman, PrajoyPodder, —An intelligent IoMT enabled feature extraction method for early detection of knee arthritis‖, Expert System, Wiley (2.587 SCI), 2021, https://onlinelibrary.wiley.com/doi/abs/10.1111/exsy.12784.

Neha Yadav, Sk Md Alfayeed, Aditya Khamparia, Babita Pandey, Dang NH Thanh, Sagar Pande, —HSV model-based segmentation driven facial acne detection using deep learning‖, Expert System, Wiley (2.587 SCI), 2021, /onlinelibrary.wiley.com/doi/abs/10.1111/exsy.12760

DEPARTMENT OF INFORMATION TECHNOLOGY

Description of Department

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.

Course offered:-

B.Sc. IT

Facilities available in the department:-

Computer Lab

Detail of Faculty:-

Dr. Neeraj Kumar Tiwari
Assistant Professor

Academic Ascensions

- ***0*** Member Board of Studies of Institute of Diploma Studies, Shri Ramswaroop Memorial University, Lucknow
- ***I*** Member of the Programme Assessment Committee (PAC) of the Department of Information Technology, SRMCEM, Lucknow.
- ***II*** Member Board of Studies of Dr. Ram Manohar Lohia Awadh University, Ayodhya

Detail of Academic Activities

Workshop/Seminar/Event

During Session 2021-22, Department of Computer Science organized different workshops and technical events in collaboration with coding agencies for student welfare and enrichment of their co-curricular academic activities. All events are sponsored by industry and consultancy agencies for BCA and Bsc.IT Students of our University. The coordinators of events are Dr. Aditya Khamparia and Dr. Neeraj Tiwari. The details of events are mentioned below in tabular format.

S. No	Event Name	Event Type	Sponsored Agency/Collaboration	Date of Event	Resource Person	No. of Participants	Certificates Given to Students
1	Development of an Android	Workshop -One day	TekNavigators StaffingPvt. Limited,	11/09/2021	Mr. Animesh Mishra	57	Yes

	Stop Watch		Lucknow, India				
2	Exploring Tools of Code Distributed Denial of Services Attacks	Workshop	Makryto Innovations Pvt. Limited, Amravati, Maharashtra	18/09/2021	Mr. Sagar Pande	84	Yes
3	Quaranteam Hack	Workshop	Code Academy	04/10/2021	Dr. Aditya Khamparia	53	Yes
4	Code Strife	Online Coding Event	Code Chef	28/10/2021	Dr. Aditya Khamparia	421	Yes
5	Let‘s Code	Online Coding Event	Coding Ninja	18/11/2021	Dr. Aditya Khamparia	67	Yes
6	Data Science Online Seminar	Seminar	Esteems Tech	15/01/2022	Ms. Jasleen Kaur	82	Yes
7	Importance of Python in real world applications	Workshop	Tech Navigators	12/01/2022	Mr. Animesh	92	Yes
8	Ethical Hacking and Penetration Testing	Workshop	BBAU Amethi	29/01/2022	Mr. Apoorv Tripathi Ethical Hacker	53	Yes
9	Digital Marketing and Technologies	Online Seminar	Sheikh Computer Association-Jammu	22/01/2022	Dr. Tariq Hussain	76	Yes
10	Networking trends and their impact	Online Seminar	Department of CS, BBAU	09/03/2022	Ms. Pooja Agarwal	84	Yes

DEPARTMENT OF COMMERCE

About the Department:

The Department of Commerce was established in 2020 with the objective to provide basic knowledge of Commerce, Trade and Industry. Presently, the department is offering full time Bachelor of Commerce Programme (BCom) through effective and holistic learning environment to enable the students to enhance their knowledge in the field of Commerce & Trade. Holistic development of the students is aimed and therefore the department organizes number of academic and cultural activities which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. Also as part of Social inclusion the students are taught to give back to the society by way of charitable events organised by the department.

Course Offered:

Bachelor of Commerce (B.Com.)

Facilities available in the department:

Spacious classrooms
Conducive environment for dynamic and focused studies.
Well-equipped library.
Recreation and Sports facilities.
Reading hall
Canteen

Details of faculty:

Dr. Leena Sharad Shimpi

Associate Professor & Director (I/c) of BBAU Satellite Centre,
Coordinator of Department of Commerce.
Specialization: Finance & Accounting
Qualification: FCMA, Ph. D, MBA(F), M Com

Sports & Extra- Curricular Activities:

Date	Time	Topic
28.02.2022	11:30 AM.	Investor awareness Program
02.03.2022	11:30 AM.	Wrong side on the road
28.03.2022	12:30 AM.	Overseas admission and Scholarship Opportunities
31.03.2022	11:30 AM.	Preparing for a GD/Presentation/PI
01.04.2022	11:00 AM.	Pariksha pe Charche

Academic Progress Details Journal

Publication:

Sr. No.	Title with Details	Journal Name	ISSN/ ISBN No.
1.	A Conceptual Study Of Government Initiatives Through ‗Atmanirbhar Bharat Abhiyan' To Support Indian Agriculture In The Covid-19 Pandemic World Health Crisis	International Journal of Research in Economics and Social Sciences(IJRESS) Available online at: http://euroasiapub.org Vol. 11 Issue 02, February - 2021 **Impact Factor: 8.018**	2249-7382

2.	An application of Data Envelopment Analysis to evaluate the technical efficiency and the performance of selected commercial banks from the Indian banking sector	International Journal of Management, IT & Engineering (Peer Reviewed Refereed) Vol. 10 Issue 12, December 2020 pg. 49 -62 **Impact Factor: 7.119**	2249-0558
3.	A Comparative study of Technical Efficiency of Selected Indian Commercial Banks by Data Envelopment Analysis based CCR and BCC Models	International Journal of Research in Social Sciences (Peer Reviewed Refereed) Vol. 10 Issue 12, December 2020 Pg. 105-116 **Impact Factor: 7.081**	2249-2496
4.	Measuring Technical Efficiency Of Indian Private Banks Using DEA Based - CCR Model	International Journal of Creative Research Thoughts (IJCRT) Volume 8, Issue 9 September2020 Pg. 3234-3237 (Peer Reviewed Refereed) **Impact Factor –7.97**	2320-2882

Faculty Development Programme Attended:-

7 days FDP on ‗Innovative Method for Virtual Classroom Teaching: A Road to MOOCs'; organised by Punjab Commerce & Management Association during 10-16 July 2020

7 days National FDP on —Time Series & Panel Data Analysisǁ organised under MHRD PanditMadan Mohan Malaviya National Mission on Teachers & Teaching; by Ramanujan College (Delhi) in association with IAA (NCR chapter) during 20-26 July 2020

One week Faculty Development Program on —Skill Set in Turbulent Time: Industry Experiences & Challengesǁ ; Organized by Chaudhary BansiLal University, Bhiwani, India & United International University, Dhaka, Bangladesh during 27th April to 1st May, 2020.

One week Faculty Development Program on —LaTeX&Xfigǁ organised by IQAC, A N College, Patna in association with Indian Institute of Technology (IIT) –Bombay under the initiative of National Mission on Education through ITC, MHRD- Govt. of India, during 11th to 17th May 2020.

Webinars Attended

List of Webinars Attended & Papers Presented

2 day's international seminar on —ĀPAD-DHARMA: Moral Imperative and COVID-19 organised by Department of Philosophy DAV PG college Varanasi during May 17-18, 2020.

International Webinar on —Stress Management'' by DSN PG College, Unnao held on 03rd June 2020

International webinar on Covid-19 Challenges And Perspective organised by department of Botany Digvijaynath Post Graduate College Gorakhpur UP on 3rd June 2020

National Symposium on Covid-19 And Higher Education: Challenges, Opportunities & Strategies organised by the Department of Commerce and Economics, Government College For Girls Palwal- Kurukshetra under the Aegis of Directorate of Higher Education Haryana, Panchkulaon May 9th- 10th 2020

National Seminar on ‗Physical and Mental Hygiene: A Practical Approach Towards Pandemic Prevention' organised by IQAC and Department of Sports, Psychology Home Science, Government EVPG College Korba Chhattisgarh on 28 May 2020.

2 Days National seminar on ―Managing Personal Finance During Covid-19‖ organised by Government PG College ObraSonbhadra UP in Association with IAA Mirzapur branch on 6th -7th May 2020

One Day International Virtual Conference on ―Novel Corona And Novel Challenges: Life Ahead With Covid-19‖ organised by UGC cell of Sri Guru Gobind Singh College Punjab University Chandigarh on 3 June 2020.

International Webinar on Epidemic, Society & Environment in India: A Historical Overview organised by Department Of History, Faculty of Social Sciences, Banaras Hindu University, Varanasi on 27 to 29 May 2020

International Webinar on ―Research Reinvented‖ organised by the Department of Commerce and Management, Indian Academy Degree College on 29 May 2020

National Webinar on ―Impact of Covid-19 on Global Economy‖ organised by INSPIRA Research Association (IRA) Jaipur and Indian Accounting Association (IAA) Jaipur chapter on May 15 2020

National Webinar on ―Impact Of Covid-19 Pandemic On MSME in India: A Key To Surviving the Catastrophe‖ organised by Shri Jai NarainMisra PG College (KKC) Lucknow UP on 18th May 2020.

National Webinar on ―Socio Economic Changes In India Due To Covid-19‖ organised by Department of Commerce, Rajendra College- Jai Prakash University Chhapra Bihar and Indian Accounting Association (IAA) Patna Branch on 7th June 2020.

International Webinar on ―COVID-19 LIFE AND LIVELIHOOD‖ organised By The School Of Commerce And Economics KIIT University on 5th and 6th May 2020

National E-seminar on ―Post Covid-19 Business Opportunities In India With Lessons From 1918 Pandemic‖ organised by Department of Business Management and Entrepreneurship in collaboration with Institute of Engineering and Technology, Dr Ram Manohar Lohia Avadh University, Ayodhya - Uttar Pradesh on 5th May 2020

National Webinar on ―Post Covid-19 Innovative Approaches For Rural Transformation‖ organised by Faculty of Engineering and Technology, Mahatma Gandhi Chitrakoot GramodayaVishwavidyalaya Chitrakoot, Satna -Madhya Pradesh on 16th may 2020. Paper presented on Topic ―Pandemic Covid-19 Its Effect On Rural Economy - Realignment A Long Journey‖.

National Level Webinar on ―Digitalization For Building Business Continuity And Resilience During And After Covid-19‖ organised by Institute of Commerce Nirma University, Ahmedabad on 27 May 2020

National Webinar on —Global Opportunities For Indian Pharmaceutical Industry Post Covid-19‖ organised by Dr. M C Saxena Group of Colleges Lucknow on 31st May 2020.

National Webinar on —Building Self Reliant India In Post Covid Regime‖ organised by Department of Commerce under IQAC Cell, Shivaji College - University of Delhi on May 19 2020

National Webinar on —Covid-19 Changing Dynamics Around The Globe‖ organised by Sunbeam Women's College Varuna, Varanasi - UP held on May 9th and 10th 2020; Paper presented titled —Covid-19 A Theoretical Understanding Of The Pandemic And Its Effect Around The Globe.‖

International Webinar on —How To Motivate Yourself During The Time Of Hardship?‖ organised by Shri Vaishnav College of Commerce, Indore- MP on Saturday 30th May 2020

International Webinar on —Bhavishya of India after covid-19‖ organised by IQAC and B Com (Accounting and Finance), Thakur College of Science and Commerce, Mumbai on 2nd May 2020

2 Days National Webinar on —Realigning The Indian Economy In Post Covid-19 Era‖ organised by Department of Economics, Vasanta College for Women, KFI, Rajghat-
Varanasi on 11th and 12th May 2020. Presented paper entitled —pandemic covid-19 its effect on Indian economy- Realignment A Long Journey‖ on 11th and 12th May 2020.

DEPARTMENTS OF FOOD AND NUTRITION

Brief Description

Babasaheb Bhimrao Ambedkar University, Satellite Centre established at Amethi in 2016. It is a part of Babasaheb Bhimrao Ambedkar University Lucknow. Keeping in view, the vision and mission of the University, the general milieu of this area, to promote educational and economic welfare of the general population, specially the marginalized and deprived sections of the society, the Centre was established specially to cater to the academic, social and economic upliftment of the people of Amethi and its nearby Districts in particular and others in general

Considering the huge demand of the specialized human resource for the fast growing sectors of Food industry, Babasaheb Bhimaro Ambedkar University (A Central University) has established a fully functional department in the year of 2016 at BBAU Satellite Centre, Amethi. The vision of the department is to produce highly skilled, competent and motivated technical manpower for the food processing and allied industries. Along with this the department looks at the new propose of exploitation of novel technique and technologies to maximize the use of the Food resources. The goal of the department is to promote the integration of teaching, research and extension in food processing by serving as a premier educational and research institute in the field of food processing in Uttar Pradesh as well in India.

Course offered:-

B.Sc. (Food Science and Technology)

Facilities available in the department:

Microbiology Lab
Food science Lab
Bakery Lab
Smart Classroom
Library
Conducive environment for dynamic and focused studies

Details of Faculty:

Dr. Harsh Sharma
Assistant Professor & Coordinator of
Department Qualification:- B.tech,M.tech. Ph.D

Mr. Murali Naik
Assistant professor
Qualification:- B.Tech , M.Tech

Mrs. Komal Singh
Assistant Professor
Qualification: B.Sc. B.ed, M.Sc. M. ed, Pursuing Ph.D.

Research Publication :

Arunima Mukherjee, Anurag Nema, Harsh Prakash Sharma and Sh Akbari (2021). Standardization of during technique for the production of powder from Shankhpushpi leaves. The Pharma innovation journal, 10(6), pp: 13-16.

Chapter:

Dr, Amee Ravni, Dr. Harsh Prakash Sharma (2022). Meat Based Functional Foods. Functional Foods. Scrivener publishing LLC, Pages: 235-287.

ISBN (online): 9781119776345

Achievements:-

Building Sustainable and resilient Food security and Food Processig systems from 25/10/2021 to 29/10/2021 at College of Food and Dairy Technology.

Processing of Novel Materials from 20/09/2021 to 24/09/2021 at Indian Institute Of Technoloogy (Bhu) Varanasi.

Recents trends in Nonthermal Processing: Prospectus and Challenges from 04/10/2021 to 08/10/2021 at Indian Institute of Food Processing Technology.

DEPARTMENT OF ENGLISH

The Department of English, as a stand-alone department, came into existence in 2020 after restructuring of the Department of Languages and Vocational Studies under BBAU Satellite Centre, Amethi. The Department of Languages and Vocational studies was established in the year 2016 under BBAU Satellite Centre, Amethi. The department offers undergraduate and postgraduate courses, i.e. B.A. (Optional subject- English) and M.A. (English). The department is currently in the process of developing its different facilities to offer quality education in diverse areas of English literature and language.

1. Details of Courses:-

S.NO.	Name of Course	Duration	Intake	Eligibility Criteria	Tuition fees per Semester	Enrolments in the session 2021-22
01	MA English	02 Years	74	Graduation degree with 50% marks (45% for SC/ST/PwD) from a recognized University/ Institution.	Rs 1500/- (Semester)	01
02	BA English	03 Years	74	Intermediate in any subject with 50% marks (45% for SC/ST/PwD) from recognized Board	Rs 1500/- (Semester)	11

Details of Academic Activities:

The department is proud to welcome its first batch of UG students in the session 2021-22. Also, the MA English course has witnessed some enrolments which in due course is expected to increase.

Details of Faculty:

Published a book chapter —Of Nation and Masculinity in Bollywood Sports Biopics: Recontextualizing *Bhaag Milkha Bhaag* and *Dangal*‖ in *Hero and Hero-making Across Genres* (ed) published by Routledge.

Completed a two-week Online Refresher course in *Film Studies* from 23 August to 4 September 2021 organised by Teaching Learning Centre,Ramanaujan College, New Delhi under the aegis of PMMMNTT.

Completed a one-week online FDP on *E Content Development: Concepts and Tools* from 06 to 12 November 2021 organised by TLC, Ramanujan College (DU) under the aegis of PMMMNTT.

Students Achievements:

Kumari Gunjan

I have got two NSS certificates on the International Women‘s Day in 2019 and 2021.
Received four certificates for participation in Drama, skit and folk dance in Inter college youth festival, 2019.

DEPARTMENT OF HISTORY, POLITICAL SCIENCE, PUBLIC ADMINISTRATION, SOCIOLOGY, ECONOMICS, ENGLISH

1. Brief Description:-

The Department of History, Political Science, public Administration, started functioning From the Academic Session 2016-17 and Sociology, Economics, English Started functioning From the Academic Session 2020-21 at the newly established BBAU Satellite Centre, Amethi.

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.

Course offered:-

B. A. (Optional – History, Political Science, Public Administration, Economics, Sociology, English).
Integrated B.A.& M.A. (History).
M. A. History.

Facilities Available in the department:-

Class Room
Central Library
Canteen
Reading Room
Photocopy/ Xerox facility
Auditorium (Common for Campus)
Computer & internet facility at central library
Mess
Jim
Play Ground Sports

Detail of Faculty:-

Dr. Sushil Kumar Pandey
Assistant Professor, Coordinator Department of History, Public Administration **Qualification:-** NET Ph.D (History)

Dr. Hariom Singh
Assistant Professor, Coordinator Department of English **Qualification:-** Ph.D

Dr. Sankar Kumar Lal
Assistant Professor, Coordinator Department of Sociology
Specialization: Rural Sociology, Gender Studies, Sociology of Dalits **Qualification:-** NET Ph.D, PDF

Details of Academic Activities:-

Republic Day 26 January 2021
Student Orientation Program 2021-22
Alumni Meet (2016-21,2018-23)
Swachhta Pakhwara (2021-22)
Carrier Counselling
Invite Lecture

Details of 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.

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:

Prof. Shilpi Verma (DLIS)	**Chairperson**
Dr. Sufia Ahmad (DL) Dr.	**Member**
Taruna (DRM) Dr. Preeti	**Member**
Gupta (DC) Dr. K. Sharmila	**Member**
(HDFS) Dr.Sapna	**Member**
Kuahwaha (DPh) Dr.	**Member**
Manjari Raj Oraon (DPS)	**Member**
Ms. Alambusha Tripathi	**Member & Convener**

Gender Champions Committee (GCC) at BBAU has been set under UGC's guidelines to promote gender equality and to create a more gender sensitive environment in the university campus. The committee is headed by Prof. Shilpi Verma, other members are:-

Prof. Shilpi Verma (DLIS)	**Chairperson**
Prof. Jaya Srivastava (DS)	**Member**
Prof. U.V. Kiran (HDFS)	**Member**
Dr. Sandhya (DZ)	**Member**
Dr. Namita Jaisal (DH)	**Member**
Dr.Subhash Mishra (DE)	**Member**
Dr. Vinit Kumar (DLIS)	**Member**
Dr. Rachana Gangwar (DMCJ)	**Member & Convener**

The Gender Champions of the university are as follows:-

Year 2019-20
Ms. Rohini Dahiya (Deptt. of Political Science)
Ms. Poorvi (Deptt. of Library & Information Science)
Mr. Abhishek Agnihotri (Deptt. of Human Right)

Year 2020-21, 2021-22
Mr. Anurag Sharma (Deptt. of Education),
Ms. Himanshi Singh (Deptt. of Economics)

Gender Champion Committee conducted various events .These events included introductory session, Poster making Competition, Essay writing competition webinar etc. and activities to sensitize BBAU fraternity at large and organized various events outside the campus in slum and adopted village too.

Event/Webinar/Competition/Activities conducted in 2021-2022

Online Poster, Kavita & Essay Competition on the topic: Swadeshi se Aatmnirbhar Bharat Dt: 05/05/2021to 05/06/2021

National Webinar on —Ek Bharat Shrestha Bharatǁ Saptah 8th phase with collaboration of CBFW,ABSB, AKAM

Fit India —Freedom Runǁ with collaboration of Azadi ka Amrut Mahotsav on 13th Aug. 2021.

National Webinar on —Faculty Excellence: Covid-19 Experienceǁ On the occasion of Teachers Day on 5th Sep. 2021.

Awareness program about Safety, Health & Domestic Violence with collaboration of CBFW, GCC & AKAM on 13th Sep. 2021.

National Webinar on Poshan Maah — Nutritional Health, Low Cost Diet and Nutrition During Covid-19 for Rural Women in Indiaǁ on 30th Sep. 2021 supported by NCW.

Village Visit on the occasion of 152nd Birth Anniversary of Mahatma Gandhi & Lal Bahadur Sastri on 02nd Oct. 2021.

Capacity Building & Personality Development Programme(CB&PDP) on 22nd Nov. to 24th Nov. 2021 supported by NCW.

Sensitization Programme —Empowerment of Women In Independent Indiaǁ on 10th December 2021

National Webinar to celebrate National Girl Child Day on the topic of "भारतीय परिपेक्ष्य में बालिका सुरक्षा एवं सशक्तिकरण" on 24th Jan. 2022.

National Webinar on International Women's Day on 08th March 2022.

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.

Prof. Shilpi Verma
Chairperson
Committee of Basic Facilities for Women
&
Gender Champions Committee
Mob. - 8004000567
Email- shipoo.lko@gmail.com

GAUTAM BUDDHA CENTRAL LIBRARY (GBL)

Brief note of the Library

The Gautam Buddha Central Library of Babasaheb Bhimrao Ambedkar University (BBAU), was established in January 1998 to promote knowledge and its application through effective dissemination of knowledge and information.

Figure 1: Gautam Buddha Central Library

The Library is governed by LAC (Library Advisory Committee). The LAC is an apex policymaking body which functions under the chairmanship of Vice-Chancellor. Presently, followings are the member of LAC:

Hon'ble Vice-Chancellor or his/her Nominee - Chairman
Prof. Shubhini A. Saraf, (Dean, SPS) - Chairperson (Hon'ble VC Nominee & Dean)
Prof. Sarvesh Kumar Singh (Head, Dept. of Hindi)- Member as Head
Prof. K. L. Mahawar, (DLIS) - Member as a Neither Head nor Dean
Dr. Sunil Kumar Singh, (Dept. of Math) - Member as a Faculty
Dr. Vijaykumar, M. R. (Dept. of Pharma. Sc.)- Member as a Faculty
Dr. D. K. Singh, Librarian, BHU - Member Special Invitee
Students Nominees/Representatives - As per Academic Council's nominees
Dr. Sunil Goria, Librarian - Member & Secretary

The Library provides information services and facilities to meet the requirement of teaching, research and training programs of the University. The seating capacity of the Library is more than 360 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 63620 documents and it provides access to 7820 full-text online journals & 2104 perpetual access e-books. In addition, the Library is also a member of DELNET consortium and getting access of 242 full text e-journals for Pharmaceutical Sciences. During the period, the Library was opened for 244 days for users'.

1.1 Location

The Library has been functioning in its two floors of newly constructed four storied building which is central place of the University. The Library building consists of an area of 7917 sq.m.

1.2 Opening Hours

The Library remains open on each working day from 8:00 AM To 8:00 PM for its readers. On Saturday 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.

1.3 Sections of the Library

1.3.1 **Acquisition Section:** This section is responsible for acquisition of all the books, monographs, government documents, gifts and other reading material relevant to the requirements of teaching and research programs of the University. The section helps the faculty members in selecting the new documents for procurement in the Library through latest announcements, publisher's catalogues and bibliographies. During the year, the section has acquired 1203 documents. Total collection available in the Library is 63620 books/ documents. 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, Orient BlackSwan, BSP Books/PharmaMed Press, Sage, Wiley, etc.

Table 1: Books purchased during 2021-22

S. No.	Items	Total
1	Total Number of Books/collection in the Library as on 31/03/2022	63620
2	Print Books Purchased	1203
3	E-Books purchased on perpetual access	447
4	o"kZ esa Ø; dh x;h fgUnh iqLrdkas dh la[;k	111
5	Books Received by Donations (Gratis)	355

1.3.1.1 Procedure for Purchasing of Books: The following procedure has been adopted for procurement of books for the Library.

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 in the Library.

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.

Empanelment of Vendors: The Library empanels vendors for every two years on certain terms and conditions. The recommended books are purchased form empanelled vendors.

1.3.2 Technical Section: After acquisition of documents, technical processing work i.e. classification and cataloging has been done by technical section for easy access of the documents. Classification of documents has been carried out through DDC 23rd edition. During the year the section has processed 1646 documents including book, gratis books and theses. 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.

1.3.3 Circulation section: The section provides membership to the students, faculties and other staffs of the University. Books are issued from circulation section to the library users according to their privileges on all working days. The section has enrolled/renewed 5433 total members of the Library. The details of membership are mentioned in Table-2 and borrowing privileges are mentioned in Table-3. The books issued and consulted are mentioned in Table-4.

Table 2: Total Membership of the Library as on 31st March 2022

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	1159	652	1811
2	P.G. Students	1523	1256	2779
3	Ph.D. Scholars	277	216	493
4	M. Phil Scholars	30	20	50
5	Faculty	134	47	181
6	Non-Teaching	105	14	119
Grand Total		**3228**	**2205**	**5433**

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 2021-22-

S. No.	Items	Total
1	Book issued	**9376**
2	Books consulted in the Library	**123758**
3	No. of users consulted the Library	**30081**
4	Miscellaneous Charges collected in rupees	**43226**
5	Total Membership	**5433**

1.3.4 Periodical section: The section subscribes journals, newspapers, and magazines. The section subscribed 69 print journals, 25 magazines and 21 newspapers for the year 2021-22. An amount of Rs. 27525/- 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, 995 users visited in the section. The Library has received 28 journals through gift. The Library purchased journals and magazines by spending Rs. 339044 for the year. The details of periodicals are given in Table-5.

Table 5: Print Magazines, Newspapers and Journals for the year 2021-22

S. No.	Items Available	Language Hindi	English	Urdu	Total
1	Newspapers	11	8	2	21
2	Magazines	07	18	-	25
3	Print Journals	01	68	-	69
4	Print Journals (Gifted)	6	22	-	28
5	Annual Reports & Survey	2	09	-	11
6	Faculty Publications	0	167	-	167
Total		**27**	**292**	**2**	**321**

1.3.5 e-Library/Cyber Section: The 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, **1464** students visited in the section.

1.3.6 Thesis and Dissertation Section: The Library has a separate theses section to organize theses collection of the University. A total number of 1841 (PhD: 648 and Master/M.Phil:1193) theses/dissertations are available in this section of various departments of the University. During the year, a total number of 88 theses and dissertations are processed and 307 students and other visitors have visited the section. The section has submitted 435 e-thesis in the Shodhganga repository of INFLIBNET.

1.3.7 Braille Section: The Central Library is well equipped with the facilities for the PWDs (Person with Disabilities i.e. Divyangjan) students and staff. The Library has two ramps in both sides of entry gates of library for the PWDs. The Library has two lifts for moving one to another floor of the Library that gives priorities for 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.
(i)	Brailler	2
(ii)	Next Generation Brailler	2
(iii)	Screen Reader with Super Nova Software for Magnifier & Book Reader with	3 users
(iv)	Large Print Key Board	5
(v)	Clevy Keyboard	5
(vi)	Desktop Video Magnifier with Speech (with 17ll or above coloured monitor)	1
(vii)	Refreshable Braille Display (40 cell) with 32 GB SDHC card	1
(viii)	Daisy player & Recorder with Hindi TTS	5
(ix)	Close-up & Near Distance Digital magnifier with image saving 5HD	4
(x)	Mouse magnifier	4
(xi)	Thermoform Machine with 200 Braille on Sheets	1
(xii)	Computer System with Installation of Speech Software with Internet	5

1.3.8 RFID Project: Radio-frequency identification (RFID) along with Electromagnetic (EM) system has been implemented in the Central Library. The Library has installed RFID and EM equipments/items (Table-7). 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 all the documents have done in the Library. The BBAU logo has also pasted on all the documents for protection of 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 and Self Check out Kiosk through library smart cards. The Library is fully functional with RFID and EM system. The RFID Kiosk and Library security gate is shown in the Figure-9.

Table 7: RFID Equipment

S. No	RFID Supports Peripherals		Qty.
1	RFID staff workstation		2
2	EM staff Workstation		1
3	Library Security Gate		1
4	Hybrid (RFID+EM) Self Check-in and Check-out Kiosk		1
5	Portable Handheld RFID Reader with Antenna Cordless Assistant	Digital Library	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

1.3.8.1 Smart ID cum Library Card: The library smart cards are essential for all the library users for self-issue-return of documents in the RFID system. The Central Library has taken initiatives for combining of student smart identification (ID) cards with smart library cards under 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 **1907** 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-10.

1.0 Facilities and services available in the Library:-

2.1 Reprography or Xeroxing: The Library provides Xerox facilities in the library premises at a nominal cost of Rs. 0.80 per page through private firm. Print out from digital files has also been provided through this service.

2.2 Circulation: Issue and return of library documents' service is provided to the users from circulation counter of the Library. The staff of circulation section helps to the users in self-issue-return of library documents through RFID systems.

2.3 Document Delivery Service (DDS): The Library provides a hard/soft copy of articles to the users under DDS.

2.4 Hindi Prakosth: The Library has also extended its services in the form of *„HindiPrakosth"* for encouraging use of Hindi collection of books.

2.5 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.

2.6 E-resources access service: E-Resources access facility has been provided to the University fraternity through e-Library/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 INFED remote access system.

2.7 Reference service: Reference service is provided to students, faculties & other users for locating of required documents and consultation of various digital resources of the Library.

2.8 Research Floor: This service is provided to 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.

2.9 Toppers" corner: This service is unique in its nature. The answer sheets of the students, who are the topper in their department, are kept in this section for the consultation by the library users.

2.10 New Arrival: The Library has been providing new arrival facility through display of the newly acquired documents. Information of new arrivals have also been provided through OPAC.

2.11 Faculty Publication: This service dedicated to the faculties of the University, where they can display their research publications. The 167 articles including book chapters have been displayed in the section during the year.

2.12 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 users through INFLIBNET. IThenticate/Turnitin software for plagiarism detection is subscribed on the requirement of all the departments of the University. User ID and password of Urkund and iThenticate have been provided to all the faculty members of the University. The Library has been checking plagiarism/similarity for e-thesis and e-articles of the University fraternity. During the year, plagiarism of **1055** documents has checked through Urkund. In the iThenticate software, 3195 documents were checked by the faculties/Library.

2.13 Information Literacy Program: Under information literacy program, the Library has been provided library orientation/training to the students and research scholars about the library services and library resources. Under this program, various trainings have been organized by the Library for students, research scholars and faculties of the University. The Library has organized following training/workshop programs for students and faculties during 2020-21 as details given below:

Table 8: Information Literacy and Training Programs:-

Sl. No.	Date	Name of the Online training workshop	No. of Participants
1	07/05/2021	Training on Turnitin/iThenticate plagiarism detection software.	62
2	19/05/2021	Webinar on SCOPUS Database.	232
3	11/06/2021	Training on ILMS (e-Learning System) through INFLIBNET.	52
4	22/06/2021	Training on 'How to Access and Use JOVE Videos Journal'.	141
5	12/08/2021	On the occasion of ‗National Librarian's Day' the Library has organized an online workshop on ―How to Publish Research Articles in Cambridge Journals‖.	119

2.14 Library Automation: The Library is automated by using KOHA Open Source Software. Automation work in several sections such as circulation, technical and periodical section has been done with the help of KOHA. Retrospective conversion of all the documents in MARC-21 through KOHA Library Management System is done by in-house staff. The Library catalog through Web-OPAC is accessible for the users from the web address https://www.gbl.bbau.ac.in:8090/cgi-bin/koha/opac-main.pl. The Library has implemented RFID system and smart library card system in the Library.

2.15 Website of the Gautam Buddha Central Library: The Library has developed a website of the Gautam Buddha Central Library. All the e-resources of the Library have been integrated with the website for easy access to the users (Figure:11). The website is accessible through https://www.gbl.bbau.ac.in/. During the period **29408** online visitors visited the website. The library website is linked with the BBAU website for convenience of the users.

2.16 BBAU Institutional Repository: Institutional Repository of Babasaheb Bhimrao Ambedkar University (BBAU) has been developed by covering of research publications of BBAU in the form of articles, thesis, dissertations, annual reports, etc. In the repository, 435 e-theses and dissertations have been uploaded. During the year, 141 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.

2.17 Use of e-Resources: The usage of e-Resources has been obtained from InfiStats of INFLIBNET. The data shows that during the period, **126130** documents/articles have download/used in the University from various e-resources provided by the INFLIBNET under e-ShodhSindhu consortium and subscription of the Library (Table-9). In the SCOPUS databases, 951316 items/records are investigated by the users (Table-9.1).

Table 9: Usage of e-Resources

Resource/Months	APR'21	MAY'21	JUN'21	JUL'21	AUG'21	SEP'21	OCT'21	NOV'21	DEC'21	JAN'22	FEB'22	MAR'22	Total
American Chemical Society	364	89	255	426	436	426	533	423	565	745	139	1240	5641
Institute of Physics	8	6	10	16	14	4	12	9	26	16	0	36	157
JSTOR	927	836	1429	1099	785	1109	813	1024	1136	866	1029	1607	12660
Nature	157	139	153	191	158	211	283	293	292	218	123	218	2436
Oxford University Press	131	20	67	120	117	177	207	139	207	155	205	158	1703
Project Muse	7	17	7	3	75	3	16	4	25	83	14	7	261
Science Direct	399	302	383	445	2189	8102	4057	559	702	828	856	678	19500
Springer Link	1482	1972	2094	2064	1912	2287	2109	1888	2485	3170	3129	1584	26176
Taylor and Francis	348	406	436	431	463	605	571	457	741	680	715	845	6698
Wiley-Blackwell	286	168	401	372	441	449	446	374	471	486	416	746	5056
e-Books	-	-	-	-	-	-	-	-	-	-	-	-	9560
Total	**4109**	**3955**	**5235**	**5167**	**6590**	**13373**	**9047**	**5170**	**6650**	**7247**	**6626**	**7119**	**89848**

Table 9.1: Usage of SCOPUS Database

Resource/Months	APR'21	MAY'21	JUN'21	JUL'21	AUG'21	SEP'21	OCT'21	NOV'21	DEC'21	JAN'22	FEB'22	MAR'22	Total
Items	78620	58419	49837	103050	51628	66402	112154	143883	45575	118057	63119	60572	**951316**
Searches	417	1348	1040	773	833	1,223	1,074	855	869	1,192	671	826	**11121**

2.18 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 (Figure-13) for BBAU fraternity to seamlessly access of these full-text e-Journals/e-Resources from out campus of 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 INFED is maintained in the Central Library. The e-Resources have been linked with this website for easy access to the user from off-campus. Username and password have provided to the **4605** 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 specially during lockdown period due to COVID-19.

3.0 Online E-resources

The Library provides access to 3 bibliographic databases (Table-10) and 7 full-text journals/databases (Table-11) in various subjects like Science, Social Science, Arts & Humanities, Engineering, Law, etc. to the University fraternity through E-ShodhSindhu. During the period, access of 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-12.

Table 10: Bibliographic Database

S. No	Name of the Bibliographic Database
	Institute for Studies in Industrial Development (ISID) Database
	J-Gate Plus (JCCC)
SCOPUS	

Table 11: Full-Text Online Databases

S. No.	E-resources	No of Full-Text Journals
(i)	American Chemical Society	72
(ii)	Economic & Political Weekly	1
(iii)	JSTOR	3165
(iv)	Oxford University Press	262
(v)	Project Muse	676
(vi)	Springer Link	2565
(vii)	Taylor and Francis	1079
Total Full-Text Journals		**7820**

Table 12: 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

4.0 The Library at a Glance

The statistics at a glance of the Library for the year 2021-22 has given in the following table-13.

Table 13: Library at Glance

S. No.	Items	Total
(i)	Total Number of Books as on 31/03/2022	**63620**
(ii)	Books Purchased	**1203**
(iii)	E-Books Subscribed	**447**
(iv)	ि षिमेंक्रय की गयी हहन्दी नस्ि कों ु की सोख्या	**111**
(v)	Books received by Gratis	**355**
(vi)	Full-text online journals accessible	**7820**
(vii)	Print Journals Subscribed	**69**
(viii)	Newspapers subscribed	**21**
(ix)	Magazines subscribed	**25**
(x)	Number of days Library opened	**244**
(xi)	Seating capacity of users	**360**
(xii)	Number of Registered users	**5433**
(xiii)	Books issued	**9376**
(xiv)	Users consulted in the Library	**30081**
(xv)	Number of articles/documents downloaded/used from e-Resources	**89848**
(xvi)	Documents checked in URKUND and iThenticate Plagiarism Detection Software	**4250**
(xvii)	Theses Received from Examination Section	**88**
xviii)	Expenditure on Print Books (In Rs.)	**2550777**
(xix)	Expenditure on Journals (In Rs.)	**339044**
(xx)	Expenditure on e-Resources (Perpetual Access) (In Rs.)	**3800288**
(xxi)	Approximate value for received Gratis books (In Rs)	**153176**

5.0 Library Staff

Dr. Sunil Goria, University Librarian – Overall administration, supervision and management of the University Library System, Implementation of ICT in the Library, etc.

Dr. Om Prakash Saini, Assistant Librarian - In-charge of Acquisition Section, Periodical Section, Circulation Section, Photocopy Service, Braille Section and Maintenance of the Library.

Dr. Nitesh Kumar Verma, Assistant Librarian -In-charge of Reference Section, Cyber Section, Library Websites, CCTV, Library Automation work and Maintenance of the Library.

Mr. R.K. Gupta, Personal Secretary to the Librarian - All the works related to the Library Office and management of library files.

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.
Mrs. Rina Kumari, Library Assistant - Assist in Acquisition and Technical Processing,
Mrs. Avinash Kaur, Library Assistant - All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders, reference service.
Mrs. Satvinder Kaur, Library Assistant -All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders, reference service.
Mr. Daya Shanka, Library Attendant - Replacement of books.
Mr. Deewan Singh, MTS.

6.0 Publications/Membership

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.*

UNIVERSITY WORKS DEPARTMENT

CAMPUS DEVELOPMENT

COMPOSITION OF THE BUILDING COMMITTEE FOR THE FINANCIAL YEAR 2021-2022

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. Sunita Mishra, BBAU (Prof. nominated by Vice-Chancellor)	-do-	Department of Human Development and Family studies, 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.	ChiefArchitect,UPPublicWorks 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

Status of Financial & Physical Progress of works awarded to CPWD during financial year 2021-22:-

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation In Rs in Lakhs	Funds released up to financial year 2018-19 (Rs in Lakhs)	Funds released during 2019-20 (Rs in Lakhs)	Funds released during 2020-21 (Rs in Lakhs)	Funds released during 2021-22 (Rs in Lakhs)	Status of work as on 31-03-2022
1.	Construction of Students Activity Centre	**987.22**	507.00	91.68	388.31	00.00	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	58.00	50% work are completed
3.	Construction of 100 seated OBC Girls' hostel	**328.00**	32.80	76.53	25.66	58.00	60% work are completed
Total (Rs. in lakhs)			**572.60**	**244.74**	**439.63**	**116.00**	

Various works undertaken directly by the University (Financial Year 2021-22)

Civil Works:

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
1.	Repairing of damaged underground G.I. waterline at type-B-2 residence with demolishing at CC road and making same	16223.00	Completed	5(457)/2015 Part-2
2.	Repairing and Maintenance of External Damaged plaster and settled plinth protection and creaks surrounding building of Central Library	43236.92	Completed	5(580)/2016 Part-3
3.	Construction of Boundary wall around overhead tank and underground tank park	1821856.00	Completed	5(586)/2018
4.	Construction of 2m wide internal pathway of Botanical garden	3122765.00	Completed	5(585)/2015
5.	Providing and fixing Wire Mesh Shutter of Doors and Windows at Yashodhara Girls Hostel	2127546.00	Completed	5(618)/2016
6.	washing of curtains of Auditorium in Convocation	8240.00	Completed	5(27)/Elect./16
7.	For Inaugural Stone	48750.00	Completed	5(656)/2018
8.	Painting of Girls Hostel of BBAU Satellite Centre At Tikarmafi Amethi	2485332.57	Completed	5(638)/2020 Part-2
9.	Painting of Girls Hostel of BBAU Satellite	2485332.57	Completed	5(638)/2020 Part-2

	Centre At Tikarmafi Amethi			
10.	602m aluminium ladder multipurpose	12299.00	Completed	5(708)/21 Part-2
11.	Supply and fixing of wire mesh shutter 03 nos and angle iron frame at VC Residence	21538.50	Completed	5(196)/2008 Part-5
12.	Supply of the one piece commode in VC Residence and Proctor Office BBAU University Lucknow	15300.00	Completed	5(196)/2008 Part-5
13.	Painting & Putti work for Safe House	7500.00	Completed	5(196)/2008 Part-3
14.	Supply of Painter	24662.00	Completed	5(636)/2017 Part-1
15.	Additional supply and fixing of flex banner for 9th convocation	8490.00	Completed	5(729)/2019 Part-03
16.	Repairing of Damaged wall tiles of toilets & leakage of Guest House	95515.04	Completed	5(491)/2014
17.	Replacement of damaged PVC water tank in old adm block for proctor office0	8985.00	Completed	5(636)/2017 Part-2
18.	Supply and Fxing of flex banner for 9th convocation of the University schedule on 26.08.2021 at Gate no. 1,2 & 3 with stand at Dais & Arch of the gate BBAU Campus.	53520.00	Completed	5(729)/2019 Part-02
19.	Construction of 02 Nos. M.S. cage for water cooler at UIET	28892.00	Completed	5(685)/2018 Part-02
20.	Replacement of signage with revised matter on existing signage board and new signage sheet in University Campus	467844.47	Completed	5(423)/2020 Part-03
21.	Supply of Road marking paint & synthetic enamel paint and sundries for painting works of kerb stones & dividers around Auditorium, Central Library, Guest House, VC Residence and from Gate No. 01 to Gate No. 02 at BBAU Lucknow	148023.56	Completed	5(376)/13
22.	Replacement of damaged wooden flooring of stage affected by termite and partially pest control of wooden wall panelling of Auditorium Hall	494722.30	Completed	EO/BBAU/235
23.	Painting of plateform and flag hosting pole at SES ground for independence day	5405.40	Completed	5(253)/07
24.	Construction of CC pathway and repairing of damaged boundary wall and barbed wire fencing with concertina coil around girls hostel at satellite campus amethi	1688239.29	Completed	5(658)/2018 भाग 2
25.	Additional maintenance work in Auditorium BBA University Lucknow	23685.00	Completed	Nil
26.	Repairing and maintenance work in Auditorium at BBAU	243795.00	Completed	EO/BBAU/2018
27.	Internal painting of proctor office & DSW office at BBAU	43829.00	Completed	5(662)/2018
28.	Replacement of damaged 2000 ltr water storage tank at terrace of Central Library	22287.00	Completed	5(599)/2016

29.	Construction of Cabin for Prof. R P Gangwar, Dept. of Hindi at Central Library and Shifting of Glass Partition at top panel of existing partition at Dept. of Hindi	89571.40	Completed	5(580)/2016 Part-4
30.	Supply and fixing water tank of 5000 ltr. On terrace of Ashoka Boys Hostel	36770.00	Completed	5(624)/19 Part-2
31.	Painting of servant quarters and other places at VC Residence, BBAU University Lucknow	9975.00	Completed	5(196)/2018 Part-6
32.	Replacement of false ceiling at Deptt. Of Library Science & Deptt. Of Hindi at Central Library	83133.00	Completed	5(480)/14
33.	Maintenance of SAS Building	185625.00	Completed	5(526)/14
34.	Petty maintenance work in patch regarding NAAC visit in various building i.e. Old Adm Blocj, SBBT, Legal Studies, SES & Health Centre etc	244151.00	Completed	5(457)/2019 Part-3
35.	Replacement of Damaged flush door shutter by MS Door Shutter at Central Library	68867.00	Completed	5(580)/15 Part-1
36.	Painting of MS fencing of children park, sports ground near A-type Residence and Repairing of children park instrument at BBAU Campus Lucknow	184724.28	Completed	5(479)/2014
37.	Replacement of damaged glass panes of windows of all hostels, academic buildings old adm. building	147882.50	Completed	5(457)/2019 Part-6
38.	Fixing of Aluminium grill in window of Prof. M. P. Singh at Central Library	6700.00	Completed	5(457)/2019 Part-5
39.	Repairing of Seepage in The room of GAD, replacement of MS window and damaged flush doors at Rearing House, Construction of Ramp for Handicapped for legal Building 01 Nos, repairing of cup boards, chairs, Supply & fixing of curtains of SES Hall, Supply & fixing of curtain at IGB Cell, Repairing of Aluminium door shutterofMicrobiologylaband Replacement of damaged board of Dr. Pranav Anand's office	173016.00	Completed	5(643)/17
40.	Repairing of 350mm sluice valve	8680.00	Completed	5(647)/17
41.	Supply and installation 2x2 grid false ceiling lights & painting work	231987.50	Completed	
42.	Repairing of water leakage at guest house and repairing of false ceiling at guest house	23848.60	Completed	5(457)/2019 Part-1
43.	Replacement of damaged spider glazing at Central Library at BBAU Lucknow	34600.00	Completed	5(580)/15 Part-3
44.	Repairing of MS stairs at Canara Bank	23000.00	Completed	5(662)/2018

	BBAU			
45.	Replacement of damaged 72 Nos. flush shutters and 02 Nos Cup Board shutter at Sanghmitra Girls Hostel Phase-1	229981.00	Completed	5(710)/2019 Part-2
46.	Painting of platform and flag hosting pole at SES ground for independence day	5159.00	Completed	5(253)/07
47.	Providing of Towels	3600.00	Completed	5(708)/21 Part-2
48.	Various construction/maintenance work of Bodhi Park	230620.00	Completed	5(627)/16
49.	Repairing of Door shutter and fixing of granite top in the Bakery & confectionary	6000.00	Completed	5(460)/2014
50.	Construction of Vermi Compost Unit with shed at Botanical Garden, BBAU, Lucknow	97346.40	Completed	5(576)/2015
51.	Dismantling of brick wall and repaired and finishing as it is at Department of Rural Management	8000.00	Completed	5(700)/2018
52.	Construction of C.C. Basket Ball Court and C.C. Lawn Tennis Court with pole at Sports Ground in front of Health Centre at BBAU Lucknow	1285250.00	Completed	5(762)/21
53.	Repairing of sewage leakage problem of all toilets at SBBT Phase –II and SBBT Phase-III	6700.00	Completed	5(693)/21 Part-3
54.	Construction of covered Light Vehicle Parking shed at Chitralekha Girls Hostel and Ashoka & Kanishka Boys Hostel at BBAU	2420574.00	Completed	5(712)/19
55.	Construction of Lecture Hall Complex including IEI & B Fans, Fire Alarm System, DG Set and Lift including furniture	16223.00	Completed	5(723)/19

(Financial Year 2021-22)

Electrical Works:

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
1.	Supply, Installation, Testing and commissioning of new indoor Lt main Distribution panel etc. at Sub-1	16,97,765.00	Completed	5(105)/Elect/2018
2.	Replacement of Old sodium vapour 150 watts street light with 72 watt LED based street light around Girls hostel area and from Gate no 1 to Gate no. 2 near V.C residence in campus	14,93,715.00	Completed	5(43)/Elect/16
3.	Supply installation testing and commissioning of solar LED stands area light in combined of Girls and Boys hostel	9,31,150.00	Completed	5(43)/Elect/16

4.	supply & laying of cable substation no. 3 SES building outdoor panel and purchase of various items for power cables maintenance jobs	31,07,419.00	Completed	5(508)/14
5.	Purchase of Exide by back 12 volt battery Amethi D.G. set	24,800.00	Completed	5(65)/Elect/2016
6.	Repairing of Amplifier and power supply	10,000.00	Completed	12064/2
7.	Supply of Electrical Goods	17,148.00	Completed	5(38)/Elect/2014 Part-II
8.	Repairing of CCTV setup near statue situated at Ambedkar Bhawan and Auditorium	11,743.00	Completed	EO/BBAU/87
9.	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./2017
10.	Reparing and Maintenance of 20 KVA DG set at SES Building (Compute Centre)	24,103.00	Completed	EO/BBAU/32
11.	Purchase of EP-EP cable for Sound system in Auditorium	7,328.00	Completed	5(96)/Elect/2017
12.	Repairing of ceiling speakers Changing Transformer, spider & cone complete in running condition at SAS auditorium	5,782.00	Completed	1092/2
13.	Cable Fault locating work in Ashoka Panel to Siddhartha Hostel	24,000.00	Completed	5(412)/15 part-2
14.	Supply, Installation, Testing and commissioning of TPMCCB 400 Amp. At Substation no. 2	21,498.00	Completed	5(535)/2015 Part-II
15.	Purchasing of Diesel for DG set	10,000.00	Completed	5(27)/Elect./2020 Part-IV
16.	AMC of Central Library 02 nos. lift payment in months of 1 Jan to 30 June 2021	1,58,613.00	Completed	584/2015 Part-2
17.	Payment of Solar electricity bill	2,96,039.82	Completed	5(111)/Elect/2020 Part-II
18.	Servicing of 320 KVA DG set (Make Supernova) installed atAmbedkar Bhawan, BBAU, Lucknow	87,883.00	Completed	5(106)/Elect./2018
19.	Purchasing of Decorative LED light (Jhalar)	24,662.00	Completed	5(15)/Elect/16
20.	Purchasing of Bell with battery and fancy light fitting 30 watt	1,630.00	Completed	5(27)/Elect./16 Part-2
21.	Supply and Installation of Exhaust fan at Auditorium	11,589.00	Completed	9229/R
22.	Locating of fault, dismantling, laying & cable jointing of Underground main cable between Substation no. 3 to Ambedkar Bhawan	16,580.00	Completed	5(412)/13
23.	Repairing of sound system Panch Box etc.	15,671.00	Completed	5(590)/2016
24.	Hiring of Mixture for sound system on occasion of Convocation-2021	24,190.00	Completed	EO/BBAU/147
25.	AMC of Pumps (17 nos.) 06.12.20 to 06.06.21	1,50,550.00	Completed	5(51)/Elect/2016
26.	S.I.T.C. of CCTV Camera setup with buyback provision of Old non-functional Camera setup at VC camp office, BBAU,	1,17,932.74	Completed	5(86)/Elect/2017

	campus			
27.	Supply & Fixing of L.E.D. based [illegible] & Panel Erection work at various Location of BBAU University, Lucknow	7,13,741.00	Completed	5(10)/Elect/2017
28.	Installation of Tata sky setup in VIIP room at 40.Auditorium	3,800.00	Completed	5(27)/Elect./16 Part-2
29.	Purchasing of Exhaust Fan in A-2/1-2 residence of Registrar Sir	2,700.00	Completed	5(27)/Elect./16 Part-3
30.	Reimbursement of amount for filling of Diesel for DG set VC residence cum camp office	5,000.00	Completed	5(27)/Elect./2020 Part-IV
31.	Supply & Installation of cctv camera setup at Auditorium	2,49,590.60	Completed	5(125)/elect./21 4844/2
32.	Repairing of VCB Substation no-1	29,500.00	Completed	5(12)/Elect./16 7984/R
33.	Supply of round sheet sunmica sheet and fancy light fitting bulb for guest house	9,250.00	Completed	5(42)/Elect./16 t/c
34.	Hiring of podium mike and 50 metre cable on occasion of convocation	11,800.00	Completed	5(1)/Elect./16 7880/R
35.	Repairing and Servicing of split AC installed at Computer Centre SES Hall	24,750.00	Completed	5(71)/Elect./BBAU/19 Part-5 1732/2
36.	Rewinding of 1/1.5 HP mono block pump replacing of	4,928.00	Completed	5(250/Elect./16 Part-II
37.	Repairing and Servicing AC at Auditorium	24,957.00	Completed	5(71)/Elect./BBAU/19 Part-4 1732/2
38.	Supply and installation of fresh air fan and wall fan with proper connection of Central Library basement gym etc.	53,533.00	Completed	5(40)/Elect./18
39.	2Supply and installation of 8 core shield data signal wire and 8 pin male female connector unit	8, 791.00	Completed	1090/2
40.	Supply and installation at float switches of RO plant	7,965.00	Completed	EO/BBAU/255 Part-2
41.	Purchase of RO pre pipe and distilled water	2,000.00	Completed	5(27)/Elect./16 TC
42.	Supply & fixing of Recess mounting LRD square fitting for the square fitting for the dept. Of School of Earth and Env. Science	22,064.00	Completed	5(42)/Elect./16 t/c
43.	Supply of Electrical items for making power point in SES ground floor lab (Dr. Narendra Kumar)	8,580.00	Completed	5(535)/2015 part 3 6772/R
44.	Rewinding of HP mono block pump of RO Plant	2,200.00	Completed	5(25)/elect/2016 Part-II
45.	Supply and Installation of Earthing of CU for Lab and associated equipment at Deptt. of Pharmaceutical Science SBBT block	80,050.00	Completed	5(49)/Elect./2022
46.	Supply and Installation of LED down light at lift car at Ambedkar Bhawan	8,600.00	Completed	5(131)/Elect./2022
47.	Supply of Electrical Materials	9,980.00	Completed	8229/R
48.	Repairing of CCTV Camera setup installed at Guest house in BBAU Campus	28,712.00	Completed	EO/BBAU/187
49.	Rewinding of fans at BBAU Campus	7,360.00	Completed	5(271)14 Part-3
50.	Laying of cable from Ashoka biys Hostel outdoor panel to Sddhartha indoor panel	1,26,978.00	Completed	5(412)/15 Part-II

51.	SITC of vaccume circuit breaker at 14,22,22 substation no. 2	2.00	Completed	5(12)/Elect./16 7984/R

***Note*: Data prepared on the basis of records available in the Engineering Section.**

Miscellaneous works

Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.

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.

Proposal for additional requirements were prepared and sent to U.G.C. for consideration.

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.

LOCATION

University Health Centre is located in the premises of Vidya Vihar near gate no. 3 in vicinity to the Boys hostels.

STAFF

University Health Centre comprises of :-

1. Prof. B.N. Dubey - Prof I/c Health Centre
2. Dr. Vikas Srivastava - Medical Officer
3. Dr. Rakesh Pradhan - Senior Medical Consultant
4. Mrs. Sunita Pal - Senior Technical Assistant

Apart from the above-mentioned staff:-

Physiotherapist
Nurses
Attendants
Safaiwala has been provided by the outsourcing agency.

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.

Medicines - Medicines are distributed to all the patients as per University rules. Procurement is done through Pradhanmantri Bhartiya Jan Aushadhi Yojna.

Detention room - Health Centre also provide the facility of detaining the serious patients who requires monitoring for short duration.

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.

Ambulance - An ambulance along with driver is always present for transportation and early evacuation of the referred patients during emergencies.

Organization of campus – Health centre is actively involved in organizing various camps –
Covid-19 Vaccination camp (08/06/2021 & 11/09/2021)
RTPCR for COVID-19 camp (22-26/08/2021)
Awareness on Health & Hygiene in adopted villages (02/10/2021)
Online awareness class on Post Covid management (07/07/2021)

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.

Doctors are also involved in community services (Under Unnat Bharat Abhiyan) via taking classes on first aid, visiting nearby villages and spreading awareness campaign along with various departments & N.S.S. from time to time.

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.

We have 01 physiotherapist who also perform his duties accordingly.

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.

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.

02 Ayurvedic doctors from State Government also visits Health Centre for 03 hours 04 days a week to provide their valuable services to all.

Biggest challenge was providing all Healthcare facilities during ongoing Pandemic & 3rd wave of COVID-19.

Separate Health Dairies have been designed for staff as well as for students.

Online awareness lectures were delivered to all the dependants for increasing knowledge about COVID-19 disease, prevention, treatment and vaccination.

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 contributions of members of Steering Committee especially in compiling AQAR Data for the academic year 2019-20 and 2020-21 was outstanding.

Major Achievements:

Some of the major activities carried out by IQAC during the period of 2021-22 by Internal Quality Assurance Cell (IQAC) are as follows:

The IQAC has organized its meetings on 17.08.2021 and 27.10.2021 to strengthen the various academic activities of the University.

The IQAC constituted various committees viz. Data Collection Committee, Data Validation Committee and Data Uploading Committee for uploading AQAR 2020-21.

IQAC has successfully uploaded the Annual Quality Assurance Report for the academic year 2019-20.

IQAC has successfully uploaded the Annual Quality Assurance Report for the academic year 2020-21.

Several meetings of Steering Committee held for strengthening the IQAC activities as and when required.

The IQAC has organized two-week training programme for Lab Attendants.

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-213), dated 15/09/2021 to 21/09/2021. & Combined Annual Training Camp (CATC-223), dated 22/11/2021 to 29/11/2021. 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 2021 – 2022 are as given below.

An Anti- Terrorism pledge taking Ceremony was organized by NCC unit on 21 May 2021
World no Tobacco Day on 31 May 2021
International Yoga Day on 21 June 2021
EK BHARAT SHRESHTA BHARAT SAPTAH PHASE VIII on 26 July to 31 July 2021
Azadi ka Amrit Mahotsav on 10 August 2021
Guard of Honor to Honorable Vice- Chancellor on 15August 2021
DG NCC commendation Card with badge on 23 August 2021
National webinar on the topic — Faculty Excellence : Covid -19 Experiences‖ on the occasion of Teachers Day on 05 September 2021
National webinar on the topic —Approaches to Utility ‖ During Swachhata Pakhawada on 09 September 2021
Covid -19 Vaccination Awareness Abhiyan on 11 September 2021
Skill Development Training Program for Village on 04 October 2021
Mission Shakti from 21 October to 13 November 2021
Run for Unity on 31 October 2021
The Birth Anniversary of Birsa Munda ji as —JANJATIYA GAURAV DIWAS ‖ on 22 November 2021
Combined Annual Training Camp (CATC-223) in BBAU on 22/11/2021 to 29/11/2021
SWARNIM VIJAY VARSH celebration on 10 December 2021
Seminar organized by NCC unit of BBAU, Lucknow on 23 December 2021
Neta ji Subhas Chandra Bose Birthday celebration on 23 January 2022
National Girls Child Day on 24 January 2022
Guard of Honor to Honorable Vice- Chancellor on 26 January 2022
International Day for Women and Girls in Science on 11 February 2022
International Women Day on 8 March 2022

Beti Bachao Beti Padhao Abhiyan on 13 March 2022
Shaheed Diwas on 23 March 2022

Capt. (Dr.) Raj Shree
ANO, NCC, BBAU, Lucknow

NCC GIRLS WING & NCC BOYS DIVISION BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY LUCKNOW-226025

Events Conducted For The Academic Year 2021 -22

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NSS

The National Service Scheme (NSS) is an Indian government-sponsored publicservice program conducted by the Ministry of Youth Affairs 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 Youll and Volunteers at NSS Cell of BBAU following the motto in true spirit.

NSS at BBAU:

NSS at BBAU started in 2016 with One unit,. Today At BBAU, there are 04 unite of NSS enrolling 400 Students volunteers from all the departments of the University. We at NSS cell of BBAU have major focus on following objectives:

Community Service by educating them on healty and hygienic life stule
Makin poor and rural people and others aware about varuis government schemes for their welfare.
Understanding the society where they live
Personality development of Volunteers
To further —LoPN Hkkjrll mission to every part of society
Celebrate important National and International days

NSS Program Officers:

Dr. Ramesh Kumar Chaturvedi
Dr. Taruna
Dr. Sushil Pandey Amethi Campus
Dr. Pranav kumar Anand

Achievements of NSS cell:

Two Volunteer's Ms. Swati Yadav, M.Sc Zoology and Mr. Aradhya Divedi, DRM (B.Com) of NSS has been selected for Pre-Republic day parade and attended camp in Patna (Bihar) for 10 Days.
Volunteer Ms. Swati Yadav, M.Sc zoology of NSS has been selected Republic day parade Delhi.

Some Important Activities by NSS Cell BBAU

Participating Republic Day Parade at University Level
Campaign for Fit India Movement
Campaign for —स्िच्छ भारिll many times during the year by actively taking of cleaning activities at Campus and nearby areas, Organising Poster, Slogan making competitions etc.
Tree plantation drives many times during the academic year.
Celebrating important Days such as Constitution day, Youth Day, Women Day, Literacy, world Environment, Yoga day and many others.
Helping local governments and NGOs by NSS Volunteers at place of their residence during Lock Down in managing Covid-19 situation.

Special NSS Camp

A 7 Days Special NSS camp from 22-28th march 2022 has been organised for session 2021-22. Due to scheduled camp in March, 2021 NSS camp has been conducted and all required activities of a NSS camp were conducted such as:

NSS CELL

Hkhejko fo'ofo|ky; }kjk }kjk 2021&22 fu;fer o f'kfoj dk fooj.k%&

क्रम स0	वर्श	दिनांक	कार्यक्रम का नाम
1.	2021&22	06 2021	ekLd forj.k tkx:drk vfHk;kuA
2.		21 2021	u'kk vfHk;ku
3.		05 2021	fo'o .k fnol
4.		21 2021	v,uykbu A
5.		13 vxLr 2021	vktknh dk ¼fQV ÝhMe ju½A
6.		17 flrEcj 2021	vktknh dk ¼uekfe A
7.		21 flrEcj 2021 26 flrEcj 2021 rd	/;ku vkRe fodkl
8.		02 2021	vktknh dk Dyhu
9.		18 2021	LoPNrk vfHk;ku
10.		21 2021	vktknh dk ;k=k Lokxr
11.		31 2021	,drk fnol
12.		26 uoEcj 2021	fnol ij 'kiFk
13.		14 tuojh 2022	mRlo
14.		24 tuojh] 2022	ckfydk fnol
15.		22 2022 28 2022 rd	fnu @jkf= f'kfoj A

प्रगति रिपोर्ट–

दिनांक– 06.04.2021

बी.बी.ए.यू. एनएसएस द्वारा आयोजित किया गया "मेरा मास्क मेरा अभिमान"

ch-ch-,- - 6 fnu Hkkjr ljdkj
fn'kk ij ekLd vfHkeku dk fd;kA
,u,l,l 50 Vhe lkFk vf/kdkjh M,å ok M,å
r#.kk]lgk;d th fo'ofo|ky; vkl ikl mifLFkr ok
ekLd forj.k djk;k x;k lkFk bl .k dh lykg nh x;h

lekiu fo'ofo|ky; Nk= dY;k.k vf/k"Bkrk ch -,l lHkh rFkk ekLd] ljdkj fn'kk dk ikyu ok dh 'kiFk A

प्रगति रिपोर्ट (2)

ch-ch-,- - -05-2021 }kjk v,u&ykbu ek/;e u'kk नशा मुक्त अभियान fd;k x;k mä ,u-,l-,l çfrHkkx fd;kA bl u'kk lekt fy, ,u-,l-,l uk vf/kdkjh M,å M,å r#.kk tkx:d fd;k 'kiFk fo'ofo|ky; Mh0 ,l0 ch- ,l - th Hkh fd;k|

प्रगति रिपोर्ट (3)–

7th International Yoga Day

21 जून 2021

fnol 21 leLr fo'o euk;k tkrk vr% Hkhejko fo'ofo|k;y; Hkh fnol dk egkekjh dkj.k v,u&ykbu fd;k x;kA ek/;e ,u-,l-,l- Nk= ok Hkh v,u&ykbu Hkkx fy;kA Nk= o }kjk Hkh dh A

प्रगति रिपोर्ट (4)

आजादी का अमृत महोत्सव

फिट इंडिया फ्रीडम रन

13.08.2021 Hkhejko fo'ofo|ky; }kjk Hkkjr ljdkj i= &32&46/ 13 vxLr 2021 vktknh dk i= fQV ÝhMe ju dk fd;k x;kA dk ikyu 60 çfrHkkx fd;kA bl dk leLr dh Hkkouk ok 'kkjhfjd ekufld :i fQV j[kukA bl –"Vxr dk fd;k x;kA &500 eh0 jLlh vkfn çfrHkkx fQV dk çek.k fn;kA jkå vf/kdkjh M,å r#.kk o M,å fo'ofo|ky; leLr dh mifLFkfr ;g

Progress Report (5)-

AZADI KA AMRIT MAHOTSAV

NAMAMI GANGE

17-09-2021

}kjk vktknh dk pj.k ¼ukekfe &17-09-2021 v,u&ykbu lEiUu mä dh v/;Nrk vf/kdkjh M,- r#.kk o M,-

dhA ek/;e ,u0,l0,l0 viuh mifLFkfr dh fp= Hkh fd,A

नामामि गंगे कार्यक्रम d ll ;& bl ll ; fd cpkuk k tkx:d djuk fd u ;fn thou pkfg, .k o pkfg,A

çkph MBA] RM fp= ek/;e fd dh f'ko tVk fudy dj thou ifo= djrh dk egRo leku fd djuk gekjk A

jkt ek/;e fn;k fd thou vktknh dk vkrk rHkh ge vkRe A

ek/;e lekt tc gekjh lgh rHkh ll ; .

राष्ट्रीय सेवा योजना
प्रगति रिपोर्ट (6)
हार्टफुलनेस ध्यान और आत्म विकास कार्यक्रम
दिनांक–28.09.2021

Hkhejko fo'ofo|ky; }kjk 21-09-2021 27-09-2021 v,uykbu vkt /;ku vkRe fodkl dk fd;k x;kA bl dk ekufld o djuk FkkA bl çfrfnu tkrk FkkA y[kuÅ }kjk çf'kf{kr ek/;e fuR; çfrfnu tkudkjh çnku fd;k Jh okrkoj.k lkQ vkfn Hkh viuh ekufld dh FkhA JhokLro]jkT; leUo;d ifjlj]y[kuÅ }kjk bl dh :i lHkh bldk ykHk fey bl fy, bl bl fd;k x;kA Hkhejko fo'ofo|ky; ,u-,l-,l- vf/kdkjh o çfrfnu çfrHkkfxrk dh] ftldk fooj.k ij A

प्रगति रिपोर्ट (7)
02 अक्टूबर, 2021
आजादी का अमृत महोत्सव

Hkkjr ljdkj }kjk çkIr i= & 32&46@jk- -- -fu-@y[k@2021&22 fo'ofo|ky; }kjk &02 2021 vktknh dk pj.k Dyhu dk fo'ofo|ky; fd;k 30 fo'ofo|ky; ifjlj lkQ – fd;k lkQ dk fy;k Abl fo'ofo|ky; jk- - - vf/kdkjh mifLFkfr fd;k x;k mäk dhA

प्रगति रिपोर्ट (8)
स्वच्छता अभियान
दिनांक– 18.10.2021

Hkkjr ljdkj }kjk çkIr i= &05&12/ dk Hkhejko fo'ofo|ky; leLr dLck ¼tkxhj½ y[kuÅ LoPNrk vfHk;ku dk fd;k LFky dk çkFkfed fo|ky; Fkk | vfHk;ku pyk;k x;k mifLFkr leLr o LoPNrk çfr tkx:d fd;k x;k ij lc .k Nk= iBu& ikBu | bu LoPNrk dh tkudkjh nh dh tc rc vki crkb, dh Hkkjr ljdkj }kjk çfr tkx:d fd;k tk jgk vki | ge lc LoPN

fy; ,d re tk dj gekjk LoPN | }kjk fd, x, dh ij

प्रगति रिपोर्ट (9)

"आजादी का अमृत महोत्सव साईकिल यात्रा"

दिनांक–21.10.2021

Hkhejko fo'ofo|ky; 21.10.2021 cukjl pydj fnYyh rd tk jgh vktknh dk ;k=k dk Lokxr fd;kA

vf/kdkjh M,å r#.kk]M,å p SLO- jk- - - mÙkj M,å] fo'ofo|ky; DSW ch-,l- çkDVj ch-ch- efyd]iou o ,u-,l-,l- mifLFkr ;k=k Vhe dk .k dj Lokxr fd;k mudk Hkh dh ij A

dh çfrek ij .k fd;k x;k ;k=k dk çfrfuf/krRo dj cukjl fo'ofo|ky; jk- - - vf/kdkjh M,å ckyk th i çnku dj Lokxr fd;k x;kA

bl ;k=k dk .k çfr viuh fuHkkuk] /kjrh gjk –Hkjk j[kuk] .k lekt dk .k lekt tkx:drk dk çpkj çlkj djuk Fkk A

राष्ट्रीय सेवा योजना

प्रगति रिपोर्ट (10)

,drk fnol fo'ofo|ky; }kjk ljnkj cYyHk dh t;Urh ,drk fnol :i euk;k x;kA

mä &31 . 10 . 2021 v,u& ykbu fd;k x;k A fo'ofo|ky; jk- - - çfr lPph Hkkouk dh dh liFk A

राष्ट्रीय सेवा योजना

प्रगति रिपोर्ट (11)

संविधान दिवस

दिनांक– 26.11.2021

Hkhejko fo'ofo|ky; }kjk fnol ij liFk dk fd;k x;kA leUo;d M,- iou o vf/kdkjh M,- r#.kk dh liFk çfr lPph fu"Bk dk Hkh djk;kA ge opu dh ge çfr fo'okl

राष्ट्रीय सेवा योजना

प्रगति रिपोर्ट (12)

राष्ट्रीय युवा उत्सव कार्यक्रम

दिनांक –14.01.2022

Hkhejko fo'ofo|ky; }kjk 12-01- v,u&ykbu ek/;e Lokeh th t;Urh 2022 fnol :i euk;k x;k | lekpkj ij çdkf'kr ij A

प्रगति रिपोर्ट (13)

राष्ट्रीय बालिका दिवस एवं फूड प्लानेट हेल्थ कार्यक्रम

दिनांक –24.01.2022

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Achievement

Rd-pared Delhi

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OFFICE OF THE PROCTOR

Introduction

Babasaheb Bhimrao Ambedkar University (A Central University) established the **office of Proctor** under the **provision of university act 1994**, **No. 53 of 1994**, which came into force from **10.01.1996** and was notified **February 1997**. The Proctor is a statutory officer of the University and head of the Proctorial board. The primary objectives of the Proctorial board are enforcing discipline and controlling the law and orders of the student community. The Proctor office comprises the Proctorial board, Anti-ragging committee, Anti-ragging squad and Anti-ragging cell as the primary committee to control discipline. Thus, the office of Proctor constituted three-tier organizations, i.e. Proctorial board, the second tier of Professor In-charge (Security) and Security officer, the third tier is the outsourced Security Staff with supervisor, guards and chowkidars. The University has two campuses, i.e. main campus at Lucknow and the satellite campus at Amethi. 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: -

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 kbouprtou@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

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

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

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	9057893336 maheriari@rediffmail.com
17.	Dr. Kunwar Surendra Bahadur	Member	8604611660 ksbuprtou@gmail.com
18.	Dr. Lata Bajpai Singh	Member	9899666257 drlatabajpai@gmail.com
19.	Dr. Ravi Shankar Verma	Member & Convener	9453966994 ravihort01@gmail.com

Proctorial Board has Seven Sub-Committee:-
Anti-Ragging Cell and Anti-Ragging Squad has seven Sub-Committee for 24X7:-
Three Sub-Committee has constituted for Girls & Boys Hostel:-

Profile of the Proctor

Name	**:**	**Prof. B. B. Malik**
Designation	:	Proctor
Qualification	:	M.A., M.Phil., Ph.D.
Teaching & Research Experience	:	24 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)

About 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 20 years of the journey since February 4th 2002 after its inauguration by Hon'ble Ex. Vice-Chancellor Prof. G. Nancharaiah. Since its inception, RCP is 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.

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.

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.

Coaching for Entry in service: To prepare students belonging to SC/ST/OBC (non-creamy layer) and Minority communities to get gainful employment in Group _A', _B' or _C' Central services, State services or equivalent positions in the private sector.

Objectives of the various coaching schemes

To offer quality coaching program to the aspirants belonging to SC/ST/ Minorities and Women category.

To improve the academic skills and linguistic proficiency of the students in various subjects.

To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.

To strengthen their knowledge, skills and attitude in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently and to reduce their failure and dropout rate.

To provide career guidance and psychological counseling for capacity building to those who are in need of such counseling.

- Introducing innovative teaching methods for spoken English and communication skills.

Upgradation of library facilities of the centre.

Strengthening of infrastructure of the centre.

Advisory Committee of RCP: An advisory committee has been formed recently to ensure effective implementation of schemes for the eligible students.

1.	Vice Chancellor	Chairman
2.	Prof. D.R. Modi	Member
3.	Prof. R. A. Khan	Member
4.	Prof. Kaman Singh	Member
5.	Prof. Ram Chandra	Member
6.	Dr. M. L. Meena	Member
7.	Ms. Manjari Raj Oraon	Member
8.	Dr. Venkatesh Kumar R.	Member
9.	Prof. K. L. Mahawar	Member Secretary

Administration Staff of RCP

S. No.	Name	Designation	Qualification	Specialization
1.	Prof. K. L. Mahawar	Coordinator	MLISc, CIC, Ph.D (Library and Information Science)	Academic Library and Information System, User Services/Needs, Information Sources, Systems and programmes
2.	Dr. Venkatesh Kumar R.	Deputy Coordinator	M.Sc. Ph.D.	Sericulture & Natural Product Research
3.	Abhishek Kumar	D.E.O. cum MTS (outsourcing)	Graduation, CCC,	MS Office, Hardware, Software and Typing.

Data summary of various Coaching Programs 2021-22

S. No.	No. of students enrolled under various UGC sponsored coaching programs		
	Remedial Coaching Programme	Coaching for UGC-NET Program	Coaching for Entry in Service
1.	No. of students admitted- 59	No. of Students admitted (Library Science UGC- NET)- 14	- NA-

Various Coaching Programs conducted by the RCP 2021-22

Remedial Coaching Programme (Spoken English):- Spoken English classes were taken by the faculty member of Department of English, satellite campus (Amethi), BBAU, Lucknow.

UGC-NET Coaching Programme (Library & Information Science):- UGC-NET (Library & Information Science) classes were taken by the faculty members of Department of Library and Information Science of BBAU, Lucknow.

Achievement of the Centre

Number of RCP students who have successfully Passed UGC –NET (Library Science) examinations 2021-22

S.No.	Name	Roll No.	Category	Subject	Month/ Year
1.	Nikhil Kumar Gond	UP08003759	ST	UGC- NET, Library Science	**2021-22**
2.	Anurag Vidyarthi	UP12007921	SC	UGC- NET, Library Science	**2021-22**

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 (2021-22)

Sl. No.	Name of the Department	No. of No- Dues issued
1	All University departments	1272 No- Dues Certificates has been issued by the Centre so far.

Details of the fund allocated for session 2021-2022 for various coaching programs

Sl. No.	Name of the account head	Fund Allocated (Rs. in Lakhs)
1	Remedial Coaching for SC/ST/OBC (Non Creamy layer) and Minority Community Students	NIL
2	Entry Into Service for SC/ST/OBC (Non Creamy layer) and Minority Community Students	NIL
3	Coaching for NET for SC/ST/OBC (Non Creamy layer) and Minority Community Students	NIL
4.	**Total**	**= NIL**

Expenditure details for the session 2021-2022

Amount spent from 1st April 2021 to 31st March 2022.

Sl. No.	Name of the Head	Expenditure in Rs.
1	Spoken English Program	NIL
2	Computer Coaching Program	NIL
3	NET Coaching Program	NIL
4	Advance Imprest for RCP	NIL
5	Telephone bill for RCP	NIL
6	Honorarium for Coordinator RCP	NIL

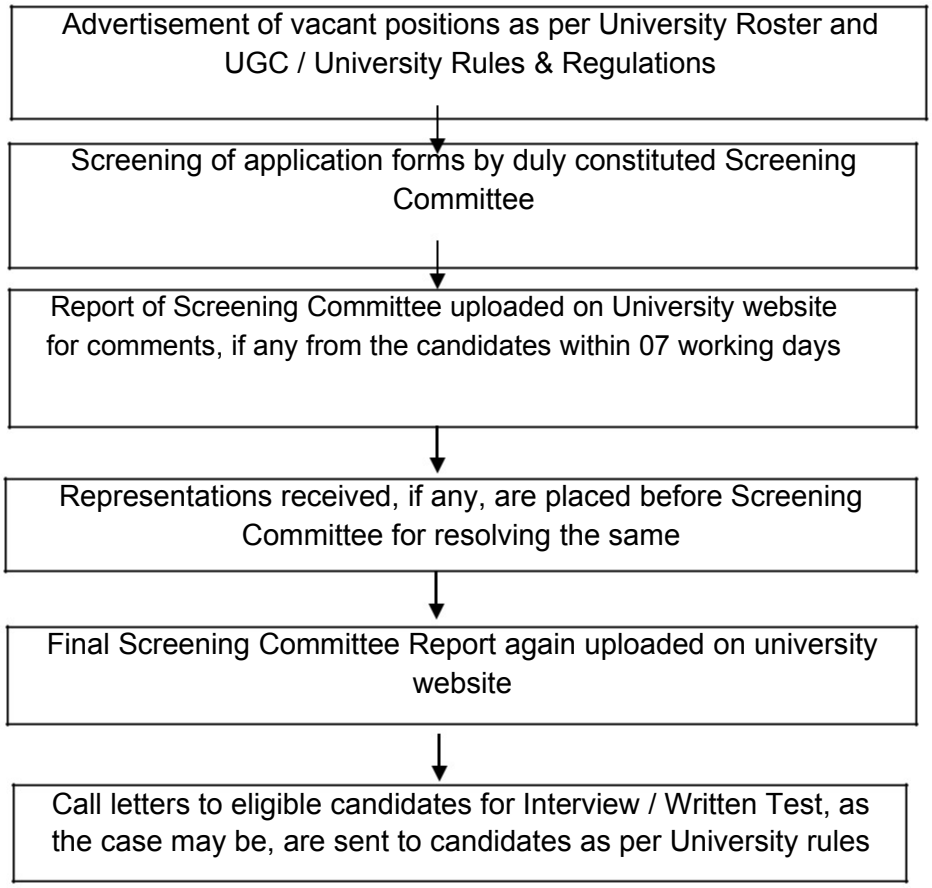
RECRUITMENT CELL

Recruitment Cell of BBAU is involved in activities related to appointments on regular vacant **teaching** and **non-teaching positions**.

During the year 2021-22, the Recruitment Cell continued the appointment on vacant teaching positions advertised earlier in December, 2019. A total of 03 posts of Assistant Professor, 01 of Associate Professor and 01 of Professor was filled. Further, advertisement for other vacant teaching positions is under process and appointment process for the same will be started shortly.

Also, advertisement for vacant non-teaching positions of Registrar, Finance Officer, Controller of Examination, Internal Audit Officer, Medical Officer and Executive Engineer was released in October, 2021. Screening of application forms has been completed and interviews for the said non-teaching positions will be conducted shortly.

The procedure followed for appointment on vacant teaching and non-teaching positions is fully transparent and is as below:



Other works

Advertisement for Homeopathic Doctor on Contract basis has been finalized and will be released shortly.

Advertisement for Ambedkar Chair Professor and Sri Atal Bihari Vajpayee Chair Professor was released and screening of application forms received has been completed. Interviews will be conducted shortly.

SPECIAL CELL FOR THE WELFARE OF SCHEDULED CASTES & SCHEDULED TRIBES (SC/ST CELL)

OBJECTIVES

To implement the reservation policy of GOI/MHRD/UGC/BBAU for SCs/STs in the University.

To collect the data regarding the implementation of the policies in respect of admissions, appointments to teaching and non-teaching positions in the University, and analyse the data showing the trends and changes towards fulfilling the required quota.

To take follow up measures for achieving the objectives and targets laid down for the purpose by the Government of India and the UGC.

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.

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. Sartik 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

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

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

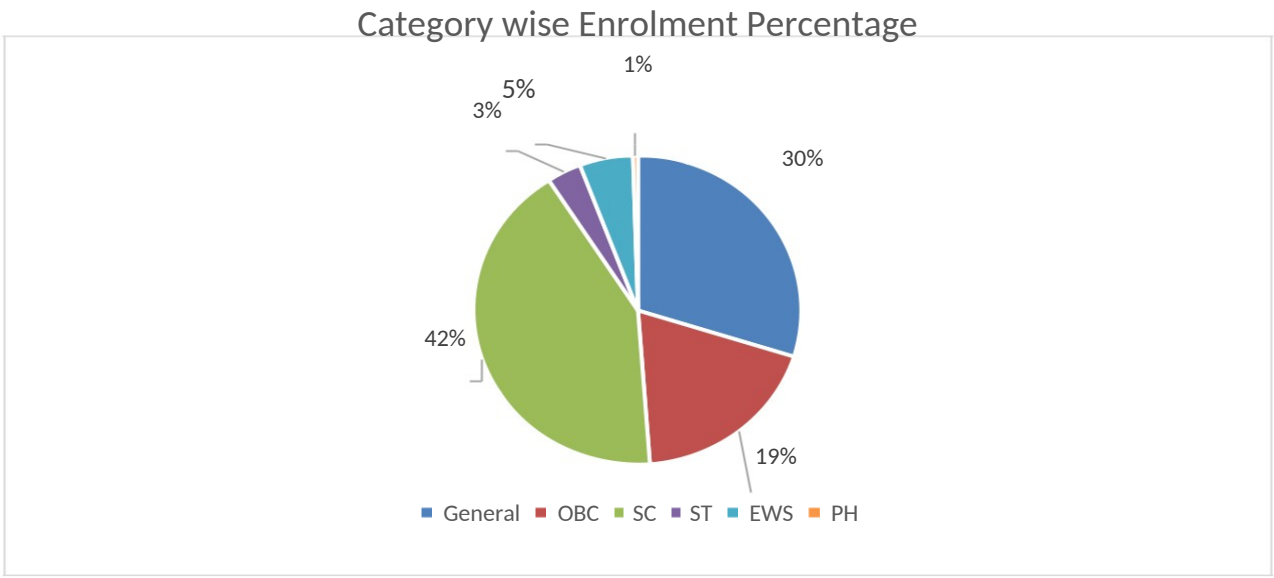
STATUS OF EQUAL OPPORTUNITY CELL MEETING HELD IN BBAU, LUCKNOW DURING ACADEMIC YEAR 2016-21

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

ONE PAGE STATISTICAL DATA TOTAL ENROLLMENT DURING 2021-22-

Category	Under Graduate	Post Graduate	5 years Integrated course	M.Phil	M.Tech	Ph.D	Certificate /Diploma	Total
Numbers of General Students	642	744	85	0	18	221	5	**1715**
Numbers of SC Students	1011	888	194	0	16	280	32	**2421**
Numbers of ST Students	79	70	3	0	0	41	1	**194**
Numbers of OBC Students	440	486	53	0	5	85	16	**1085**
Numbers of EWS Students	121	152	12	0	1	18	6	**310**
Numbers of PH Students	3	15	0	0	0	7	0	**25**
Numbers of Transgender Students	0	0	0	0	0	0	0	**0**
Total Strength	**2296**	**2355**	**347**	**0**	**40**	**652**	**60**	**5750**



DETAIL OF HOSTELLER STUDENTS (2021-22)

S. No.	Name of Hostel	Intake Capacity	EWS	Gen.	OBC	PH	SC	ST	Grand Total
1	Ashoka Boys Hostel	270	0	64	34	10	107	21	236
2	Kanishka Boys Hostel	136	0	60	0	5	41	21	127
3	Siddhartha Boys Hostel	100	0	26	0	7	40	7	80
4	Chitralekha Girls Hostel	100	1	38	9	0	36	6	90
5	Sanghmitra Girls Hostel	158	1	74	6	1	71	3	156
6	Sanghmitra Girls Hostel (Ext.)	314	5	165	12	1	110	15	308
7	Yashodhara Girls Hostel	206	2	90	32	0	83	5	212
	Grand Total	**1284**	**9**	**517**	**93**	**24**	**488**	**78**	**1209**

STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT ONLINE APPLICATIONS FORWARDED DURING 2021-22 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

	Total	General	SC	ST	OBC	Minority	Grand Total
Total Application forms available on Scholarship website	**1889**	520	881	7	395	86	**1889**
Hard Copy received by the University	**1889**	520	881	7	395	86	**1889**
Total applications verified by the University	**1866**	520	862	7	391	86	**1866**
Rejected Forms	**23**	0	19	0	4	0	**23**
Total applications Forwarded by the University to DIOS	**1866**	520	862	7	391	86	**1866**

STATUS OF VARIOUS FACILITIES BEING PROVIDED TO THE SC/ST AND PWD STUDENTS OF THE UNIVERSITY

University is providing 50% reservation as provided in Academic Ordinance of this University gazetted in official Gazette of India.

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.

Financial assistance of @ Rs. 2000/- is being provided to SC/ST students at Post Graduate level for preparation of dissertation.

Financial assistance of @ Rs. 3000/- is being provided to SC/ST Students at Post Graduate level for Study Tour.

Financial assistance of @ Rs. 3000/- is being provided to the SC/ST research scholars for preparation of Ph.D. thesis

SPORTS SECTION

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.

OBJECTIVES:

To promote students' sports participation and to create awareness about the benefits of Physical Education & Sports and to spread Sports Culture among students.

To search Sports Talent at the School/Departmental level and to groom them as better performers.

To Project the Potentials of University by organizing National Level Tournaments.

To provide Incentives and bestow Awards to Sportspersons to maintain sustained interest among students to participate and perform progressively.

To involve Alumni, N.R.I's & other Sports Agencies for rising funds for the Development of Sports Infrastructure.

To initiate measures to evolve Group/Individual Accident Insurance Scheme for Sportspersons taking part in the Inter-University Competitions.

To Develop Adequate and Standard Sports Infrastructure Facilities like Playing Fields, Gymnasium, Swimming Pool, Track & Field, and procure Quality Equipment.

To provide Systematic Coaching Programme by involving Qualified & Competent Personnel to groom University Teams & Sports Talent.

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fnukad 5 ebZ ls 5 twu 2021.

10. Anti - Terrorism pledge Taking ceremony Organize By NCC Unit of BBAU 21 May 2021.

International Day of Yoga(IDY) June 2021

1. **(NCC HQ)**The international day of Yoga 2021 presents an occasion to underline the health benefits of yoga, and motivate the public to take up the pursuit of yoga. All Gps will participate in IDY 2021 by doing the common Yoga Protocol (CYP) at home with their families on 21st June 2021.
2. On occasion of International Day of Yoga, BBAU & 67 UP BN is organizing Three days Distance Yoga Programme on the theme —Be with, Be at Homell (Yoga with Family) Programme Details From 19th June 2021 to 21st June 2021 08:00 am to 09:00 am.
3. Sports Section & NCC Unit of the University in Collaboration with Physical Education Foundation of India is Organizing E-Conference on Tokyo Olympics, 2020ll **A Hope for India** —22 July 2021.

Celebrating of National Sports Day Inter Faculty and Staff members Lawn Tennis Match. 29th August 2021 06: am at Sports Ground of the BBAU.

National Webinar on the occasion of teacher's day. 5 September 2021.

National Webinar on "Nutritional Health, Low Cost Diet and Nutrition during Covid-19 for Rural Women in India" Organized by Committee of Basic Facilities for Women, Gender Champions Committee, AKAM, UBA & NCC Unit of BBAU on 30th September 2021.

ckcklkgsc Hkhejko vacsMdj fo'ofo|ky; y[kuÅ }kjk vk;ksftr xzkeh.kksa gsrq dkS'ky fodkl çf'k{k.k dk;ZØe

Organized by Committee of Basic Facilities for Women, Gender Champions Committee, AKAM, UBA & NCC Unit of BBAU. On 2 October 2021.

Azadi Ka Amrit Mahotasav Team is organizing onlinhe quiz comptition on —75 lesser kno wn places of Indian independence॥ on 20 October 2021.

9. ckck lkgc Hkhejko Hkkjr dh ,drk fy, viuk cfynku dj ^Hkkjr jRu* Jh ljnkj th dh ,drk fnol^^ euk jgk bl miy{k .k 7%00 ^^Run for Unity^^ dk fd;k tk jgk .k dh O;oLFkk dh

Celebrate the Birth Anniversary of birsa Munda ji as ‗Janjatiya Gaurav Diwas॥ on 158th 15 November, 2021.

Online Quiz Competition on the Occasion of Janjatiya gaurav Diwas Tribals role in Indian freedom Struggle November 18th 2021.

Azadi ka amrit Mahotsav Committee 4& NCC unit of the University welcome you all in Valedictory Session of —Janjatiya gaurav saptah॥ With Theme —Contribution of Tribes in the Indian freedom Movement॥ on 22nd November 2021.

Celebrating75 Years of independence NCW Supported —Capacity Building & Personality Development programme (CB & PDP)॥ on 22nd Nov To 24th November 2021.

Participated at Inter University Volleyball Boys at Kurukshetra University, Kurukshetra 12th to 16th Dec. 2021.

Azadi ka Amrit Mahotsav Committee & NCC Unit of the University in collaboration with UBA & GCC —National Girls Child Day॥ on the theme "भारतीय परिपेक्ष्य में बालिका सुरक्षा सशक्तिकरण" Programme Date 24th January 2021.

National webinar on The theme **"Role of Sanskrit in mother Language"** on the occasion of International Mother Language day Celebration. 21st February 2022.

International Women's Day Celebration **8 March 2022.**

Participated at Inter University Volleyball Boys at Kurukshetra University, Kurukshetra 13th to 17th March 2022.

Celebrate —Saheed Diwas॥ 23rd March 2022.

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:

Scanning Electron Microscope (SEM), Model: JSM 6490 LV, Make: JEOL, Japan
X-Ray Diffraction (XRD), Model: D8 Advance Eco, Make: Bruker, Germany
Inverted Laser Scanning Confocal Microscope (ILSCM), Model: LSM900, Make: Zeiss, Germany
Preparative HPLC, Model: LC-20AP, Make: SHIMADZU, Japan
Fast Performance Liquid Chromatograph (FPLC), Model: AKTA 10, Make: GE-Healthcare Bio-Science, Hong Kong
Fourier Transform Infra-Red Spectrometer (FTIR), Model: Nicolet 6700, Make: Thermo-Scientific, USA

Apart from the above equipment the following minor equipment are available in USIC:

High Speed Centrifuge Machine (CM12-Plus Remi)
Vortex Mixer (CM101-Plus Remi)
Double Distillation Unit
Hot Air Oven, Deep Freezer (-40°C)
Deep Freezer (-40^{0}C)
Electrophoresis, UV Lamp
Ultrasonic cleaner
Microwave oven
Magnetic Stirrer with Hot Plat
Photoresist Spinner
Research Microscope
Refrigerator

1. Scanning Electron Microscope (SEM):-

A Scanning Electron Microscope (JSM 6490) scans a focused electron beam over a surface to create an image. The electrons in the beam interact with the sample, producing various signals that can be used to obtain information about the surface topography and composition. It can be use both under low & high vacuums depending on the nature of the specimens. Low vacuum with low kV (energy) provides the user the longer duration for scanning the material, the organic specimens, before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (INCA x-act) of OXFORD instruments, UK, which has enhanced the application range in a manner that any metal associated with the biological material or in isolation or in the form of alloy may be identified and also quantified. The SEM facility has also been supported with the two important preparatory units, viz., Sputter Coater of JEOL, Japan (JFC 1600, Auto Fine Coater) and Critical Point Dryer (CPD) Emitech K 850 of Quorum Technology of UK.

2. X-Ray Diffraction (XRD):

X-ray diffraction (XRD) is a powerful technique for characterizing crystalline materials. It provides information on structures, phases, texture, and other structural parameters, such as average grain size, crystallinity, strain, and crystal defects. The system equipped with Goniometer, X-ray source, Tube housing, Mount, Sample holder and Detector with Optics and Slit systems. The system has DIFFRAC.EVA evaluation software, DIFFRAC.TOPAS software for diffractogram analysis and ICDD PDF-4 Axiom 2020 database.

Inverted Laser Scanning Confocal Microscope (ILSCM):

Inverted Laser Scanning Confocal Microscope is a fluorescence-imaging technique that produces exquisitely sharp optical sections through biological specimens by exciting a laser over the sample and collecting emission data, point by point, and reconstructed with a computer, allowing three dimensional reconstructions of topologically complex objects. The ILSCM (ZEISS, LSM 900) equipped with multichannel fluorescence imaging Z-stack, colocalzation, time-lapse imaging. FRET, FRAP, Photo activation and conversion. It is capable of highly sensitive spectral confocal imaging of fixed as well as live biological samples.

4. Preparative HPLC:

Prep HPLC is used to separate and refine high-purity target compounds from a mixed solution. It is used to fraction high-purity compounds required for subsequent evaluation, analysis, and processes in the shortest possible time. The Preparative HPLC (SHIMADZU, Model: LC-20 AP) equipped with SPD-M 40A Photodiode Array Detector which wavelength rage is from 190-800nm, CBM 20A system controller, Fraction collector FRC-10A, C18 & C8 column and LabSol ADD PDA connect CS ready software.

5. Fast Performance Liquid Chromatograph (FPLC):

Fast Performance Liquid Chromatograph (FPLC) is a form of medium pressure chromatography that is used to analyze or purify mixture of proteins and other biomolecules. The FPLC (main AKTA 10) has been provided with other accessories which include Sephadex G75, Sephacry1 S – 200, Deae Sepharose Fast FL, CM Sepharose fast flow short & long column holders, AKTA user kit etc. to make the facility of broader usage.

6. Fourier Transform Infra-Red Spectrometer (FTIR):

Fourier Transform-Infrared Spectroscopy (FTIR) is an analytical technique used to obtain an infrared spectrum of absorption or emission of organic (and in some cases inorganic) materials. The FTIR has been supplemented with an accessory called Attenuated Total Reflectance (ATR) to enhance the use and application of the instrument in way that with this facility any form of material, i.e., filmy/pellet; liquid, including liquids of flammable nature may be studied; rather that its limited use of getting spectra of the solids on the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.

Usage of Instruments:

The sophisticated instruments are being used exhaustively by the research scholars and faculty members of the University. The details of the analysis are given below:

S. No.	Name of the Instrument	April 2021 to March 2022	
		No. of Samples Analyzed	Amount Received (Rs.)
1.	Scanning Electron Microscope	719	2,92,150/-
2.	Fourier Transform Infra-Red Spectrometer	356	75,600/-
3.	X-Ray Diffraction	328	1,11,600/-
4.	Prep HPLC	96	28,300/-
5.	ILSCM	64	22,750/-
6.	Photoresist Spinner	42	2400/-

Profile:

The USIC of the University has a Director/In-charge and an Advisory Committee consisting of 05 Professors of the science stream departments are also working.

Hands-on-Training/Workshop

University Sophisticated Instrumentation Center (USIC) is regularly organizing the Hands-on-Training/Workshop programme on instrumentation for students and faculty member of BBAU and Non BBAU.

Prof. (Dr.) Bal Chandra Yadav
Director/In-charge
University Sophisticated Instrumentation Center (USIC)
Babasaheb Bhimrao Ambedkar University,
Vidya Vihar, Raibarelly Road, Lucknow, Uttar Pradesh
Mobile: 9450094590
Email: usicbbau@yahoo.com; bcyadava@bbau.ac.in

INFORMATION & GUIDANCE BUREAU

About IGB Cell

Committee for I&GB:

Prof. Sangeeta Saxena (DBT)	Coordinator
Dr. Ravi Kumar Gupta (DEM)	Co-coordinator
Dr. V. M. Ravi Kumar (D.H.)	Member
Dr. Rashida Ather (HR)	Member
Dr. Jyoti Pandey (DAC)	Member
Dr. Pranav Kumar Anand (DE)	Member
Dr. Lata Bajpayee (DRM)	Member
Dr. Vineet Kumar (DLISc)	Member

Overview

As a yet another step in the continuous process of developing Babasaheb Bhimrao Ambedkar University, Lucknow to one of the best of its kind in the nation, it was decided to establish an Information and Guidance Bureau (I.& G.B.) 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.

Aims & Objective

Career guidance:

To collect and disseminate information regarding scholarships, fellowships, training facilities, admission and various professions etc.

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

1. To register post-graduate students and other University alumni for general as well as professional streams for employment assistance as and when suitable opportunities arise.

Employment and Business information

To help the University Placement cell in organizing campus interviews
Self-Employment
To impart vocational guidance to the students
To get enterprising unemployed youths acquainted with the facilities and incentives under self-employment scheme for the Registered unemployed.

Personal Guidance

Making the students understand their own personality traits. And making them aware of their interest, aspirations, aptitude, strengths and weaknesses.
Solution of specific personal problems of students.
Apart from above, students also receive constant academic counseling from the teachers at the departmental level.

Activities organized by I&GB in 2021-2022

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

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:

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.

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.

They also explained about the importance of biotechnology in our daily life and how we can apply biotechnologies to advance our living standard.

Prof. Sangeeta Saxena explained various fellowships available in India, Dr. Yusuf Akhtar explained about the opportunities available abroad after postgraduation and PhD in biotechnology and Dr. Monica Sharma explained the job opportunities available in India. Overall it was very informative and enthusiastic webinar for the students of different departments of BBAU.

Dr. Ravi Kumar Gupta, co-coordinator of the I&GB given the vote of thanks to the speakers, students and concluded the seminar.

More than 100 students join the program and given very positive feedbacks about the webinar.

Feedbacks of the students after attending the webinar:-
Topic: "EXPERT Talk ON „*ONE DISTRICT ONE PRODUCT' PROGRAM (ODOP)*"
Date &Time: Friday, 29 October, 2021 4:00 – 5:00pm
Venue: Seminar hall SES building
Conclusion:

Information & Guidance Bureau of Babasaheb Bhimrao Ambedkar University, Lucknow organized an invited talk on ‗ONE DISTRICT ONE PRODUCT' program by session expert, Mr. Gaurav Srivastava, ODOP Cell under the Ministry of Micro, small & Medium Enterprises and Export Promotion, Government of Uttar Pradesh along with Mr. Rajiv Pradhan Executive Director, Lucknow Management Association.

During the session, Mr. Srivastava deliberated on various schemes offered under ODOP program, including ODOP Margin money scheme, Market Development scheme, Skill development & toolkit distribution scheme, and common facility centre scheme.

The student and the faculty members attending the session were found session very informative.

The awareness session energized the students and many real life queries were raised by students to which Mr. Srivastava answered with practical examples based on Chikankari artisans from Lucknow, Carpet weavers from Bhadohi, Brass products from Moradabad, Banarasi Silk form Varanassi and many more.

During the session, Prof. Sangeeta Saxena, Coordinator, I&GB, Prof. Deepa H. Dwivedi from Department of Horticluture, Dr, Ravi Kumar Gupta, Co-coordinator I&GB and Dr. Lata Bajpai Singh were present. Prof. Sangeeta Saxena presented vote of thanks.

Topic: "Career aspects in Food Science and Technology‖
Date &Time: 15-03-2022, 11:30 AM
Venue: Online through Google meet link: https://meet.google.com/sao-bqcj-ibk
Conclusions:

Information & Guidance Bureau organized a webinar on the above topic for the graduate, postgraduate and PhD scholars on the said date and time. The webinar was well received from the university students and they actively participated in the event. More than 100 students were present in the webinar. Below are the main highlights of the event:

Prof. Sangeeta Saxena welcomed the speaker Prof. Sunita Mishra, Head (Department of Food and Nutrition), other faculty members of the school of home sciences, I&GB committee members and students present in the webinar.

Total 101 students from various departments of the BBAU were present in the webinar. Their name, contact details, department and feedback comments are present in the activity attendance register.

Prof. Sunita Mishra had given very fruitful knowledge and information to the students. She discussed about the importance of food science and technology in our daily life since food is the most basic necessity of life. She emphasizes the various career opportunities available in this subject area such as Food scientist, agriculture engineer, baking technician, culinary scientist, flavor chemist, health inspector, microbiologist, nutritionist, packaging engineer, quality assurance and teaching etc. She also discussed the limitations and opportunities present for the higher education and employment in this subject area.

She was very interactive with students and faculty members by asking their choices and questions regarding their career progression.

The feedback that we received from the students is very interesting though thoughtful. Some students mentioned it as the wonderful and informative webinar.

Overall it was very informative and enthusiastic webinar for the students of different departments of BBAU. Dr. Ravi Kumar Gupta, co-coordinator of the I&GB had given the vote of thanks to the guests, students and concluded the seminar.

CIIPP

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.

Highlights of the Departments –

A. Industrial collaboration of faculty and students-

1. K M Sugar Mills Ltd. (Prof. Ram Chandra, DEM).

Patents

Prof. Ram Chandra, Sonam Tripathi, Kshitij Singh, Sangeeta Yadav: Decolonization and detoxification of distillery waste water with combined use of bacteria and constructed wetland treatment, Application Number – 2021101010, Awarded, Australian Patent.

A K Singh, Dr. S. Saha: Indolo Fused Pyrido-oxazepine and its Synthisis for the Treatment of Hepatocellular Carcinoma. Application Number – 201611 016493, Awarded, Indian Patent.

Chandra, Ram; Yadav, Sangeeta; Tripathi, Sonam: Method for Solar Photo Decolourisation Of Bacterial Degraded Distillery Wastewater For Its Reuses In Agriculture.

Dr. P.S. Rajinikanth, Sneha Anand, Dilip Kumar Arya and Prashant Pandey filled ―Multifunctional Biomimetic Nanofibrous Scaffold For Rapid Diabetic Wound Healing‖, Indian Patent Application Number 202211000241 in 2022.

Dr. P.S. Rajinikanth, Sneha Anand, Dilip Kumar Arya, Prashant Pandey and Kumarappan Chidambaram filled ―A Nanofiber Loaded With Ferulic Acid For Enhanced Antimicrobial And Diabetic Wound Healing Activity‖, Indian Patent Application Number 202211010747 in 2022.

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 awarded.

Consultancies-

S.No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1.	Vetting fee 200 KLD STP with 150 KLD extension provision	M/S Saviour Envirotech, Lucknow	Prof. Ram Chandra	2022	1 Year	Consultancies project and Industrial Collaborations
2.	Vetting Fee Detail for 100 KLD Compact Unit (Pre fabricated) Sewage Treatment Plant	M/S Saviour Envirotech, Lucknow	Prof. Ram Chandra	2022	1 Year	Consultancies project and Industrial Collaborations

DEAN STUDENTS' WELFARE

Dean Students' Welfare, section is for the welfare of the students. At present Dean Students' Welfare offers 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.

Prof. B.S. Bhadauria, DSW
Dr. P. Mohanty, Dy.DSW (Women)
Dr. Anjani Kumar Tiwari, Dy.DSW (Male)
Dr. M.L. Meena, ADSW (Allotment)
Dr. Jay Shankar Singh, ADSW (Maintenance)
Dr. Siddhartha Shankar Rai, ADSW (Cultural)
Dr. Deepa Raj, ADSW (Allotment)
Dr. Taruna, ADSW (Maintenance)
Dr. Preety Choudhari, ADSW (Cultural)
One Data Entry Operator (DEO)
One Multi Tasking Staff (MTS)
One Carpenter
One Carpenters' Helper

ASHOKA BOYS HOSTEL

The hostel is a modern and refreshing building, built with the explicit purpose of offering a stimulating and enriching experience where inmates can learn to 'learn for life'. The caring and understanding support staff including assistants, housekeepers, gardener and maintenance staff, warden and of course the Dean Students Welfare pay special attention to the hostel inmates.

OBJECTIVES

Life in a hostel means a whole panorama of experiences that span from making 'friends for life', to gaining the confidence to face life independently. That is why we have laid a lot of emphasis in creating a warm, welcoming, invigorating and home-like atmosphere in our hostel. The hostel is a home away from home, where the inmates develop the 'confidence to be independent', be it friendships, food, belongings, rooms, joys, sorrows, challenges or any of the uncountable experiences of growing-up together.

The hostel is committed to develop thinking of global citizenship amongst the inmates. Through its various endeavors it encourages inmates to think beyond local, regional and divisive lines.

FACILITIES

The hostel has four storied building with lush Green, serene, pollution-free premises. Rooms are airy and spacious with good natural light and a balcony, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided in the hostel visiting lounge to apprise the inmates for any

notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Warden, DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of sixty students. The mess has privatized. Joining the mess is compulsory in the hostel. The mess provides good and healthy food to the inmates in order to maintain the culture of the university the mess menu is changed every month keeping in view of the requirements of different inmates from diverse backgrounds.

OTHER FACILITIES ARE-

AC Common Room
Study Hall
AC Parents Guest Room
Water geysers
Water Cooler with RO
LED T.V. with HD set top box
Indoor games room
Badminton Court
Wi- Fi
Medical facility available
On demand Ambulance facility
Disable Toilet for handicapped Inmates
Newspaper, Magazine facility
Amar Uajala
Times of India
Dainik Jagran
Front Line
India Today
Pratiyogita Darpan

HOSTEL OFFICE

In order to facilitate the administration and other day to day affairs, the hostel has office with support staff including one D.E.O. (Data Entry Operator) one office assistant, eight housekeepers, two Peon and security guard.

Administrative Warden	:	Dr. Subhash Kumar Yadav
Warden	:	Dr. Kunwar Surendra Bahadur
Warden	:	Dr. Loknath

KANISHKA BOYS HOSTEL

OBJECTIVE:-

Kanishka Boys Hostel is functioning since 2012. The hostel is committed to change the mindset of the inmates and orient them towards ethos of ‗cultural relativism' by means of inculcation of rational thinking and logical understanding beyond local, regional and fragmented lines. To develop universal thinking and scientific temper the hostel administration has been determined and dedicated for providing healthy living and global thinking to the inmates.

FACILITIES:-

Kanishka Boys hostel has been provided following facilities:-

Dining Hall

Furniture to accommodate sixty students at a time and insect killer machine has been provided. The student co-operative mess has providing good and healthy food to the students at a very reasonable rate.

Potable Water

Nine water coolers fitted with R.O. Plant have been installed to provide safe potable water to the inmates.

Common Hall

Common hall is there and 36 inch LED HD TV and a beautiful sofa with centre table have been given.

Parents/Guest Room

Hostel provided a parents/guest room with fully AC and one beautiful bed with mattress, bed sheet, blanket, pillow, beautiful sofa with centre table and other needful facility have been given.

Dormitory

One Dormitory is also there with fully AC and two beautiful beds with mattress, bed sheet; blanket, pillow, beautiful sofa with centre table and other needful facility have been given.

Games and sports

There are in-door and out-door games facilities in the hostel which include Table Tennis, Badminton, Chess, Carom, Ludo, Volleyball, Football and Cricket etc.

Gymnasium

A well equipped gym with running machine has been provided.

Security

One Security Guard always present in 24 hours.

Internet

Hostel is a place with WI-FI facilities. It has been there since last four year and the system has been working well.

Hostel Office

The hostel office staffs consisting of support staff including one data entry operator Cum Multi Tasking staff and Two housekeepers.

OTHER ACTIVITY:-

Plantation Drive

The plantation drives gets conducted on regular basis and as a result we have more than 200 plants since last one year.

Cleanliness Drive

The Cleanliness Drive gets conducted on regular basis and celebrates all university function like *"Swachhata Pakhwada"* and *"Clean Campus Drive"* etc.

Awareness Campaign

We are celebrates and conduct to awareness campaign on regular basis like to *"Gender sensitization; environmental awareness, water & waste management and single use plastic"* etc.

HOSTEL WARDEN

Dr. Ravi Kumar Gupta
Warden

Dr. Mukesh Kumar Awasthi
Warden

Dr. Anil Kumar Yadav
Administrative Warden

हिन्दी प्रकोष्ठ

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1- i=kpkj çfr'kr
2- jktHkk"kk vf/kfu;e 1963 /kkjk 3¼3½ dk
3- jktHkk"kk lfefr dh frekgh
4- frekgh dk
5- jktHkk"kk foHkkx frekgh çxfr dk v,uykbu .kA
6- fy, ij djukA
7- Hkk"kh çf'k{k.k dh O;oLFkk djukA

- हिन्दी प्रकोष्ठ की नवीनतम गतिविधियां–

1- foHkkxh; jktHkk"kk lfefr dh dk fu;fer A
2- lkFk gh fo'ofo|ky; jktHkk"kk vf/kfu;e fu;e dk lHkh tkjh djuk ç;kl djukA
3- fo'ofo|ky; dh fgUnh çxfr dh frekgh çxfr ekuo fodkl jktHkk"kk foHkkx fu;fer :i Øe'k% Mkd v,uykbu fu;fer :i tkukA
4- fo'ofo|ky; dh Nekgh if=dk ^^fu. çdk'kuk/khu
5- dk fu;fer
6- ek/;e dk fo'ofo|ky; leLr fd;k tkukA ij http://www.bhashaindia.com/ilit/ HindiPreInstall.aspx
7- uxj jktHkk"kk lfefr dh lfØ; HkkxhnkjhA
8- ç'kklfud ek/;e ljy 'kCnkoyh dk leLr .k fd;k x;kA
9- fgUnh dk djukA
10- Hkk"kh çf'k{k.k fnykukA

- अनुवाद –

1- dk vodk'k] vkfnA
2- fo'ofo|ky; lHkh ukeiê f}Hkk"kh fd;k tkuk A
3- fo'ofo|ky; ç'kklfud vU; lHkh dk fgUnh fd;k x;k ij fd;k x;kA
4- fo'ofo|ky; dh dk yxHkx 100
5- fo'ofo|ky; dh dk yxHkx 400
6- fo'ofo|ky; dh fofHkUu dk yxHkx 40 dk fgUnh fd;k x;kA
7- fo'ofo|ky; dh fd;k x;kA
8- le; ij fofHkUu i,oj lokbUV .k rhu ekg yxHkx 70 LykbM dk fgUnh fd;k x;kA
9- ijh{kk vU; okyh dk fgUnh fd;k tkukA
10- fofHkUu dh dk fgUnh

- 2- fo'ofo|ky; dk ¼yxHkx 100
- 3- thou gh dk A¼yxHkx 60
- 4- /kkjk 3¼3½ rgr tkjh dk ¼yxHkx 113
- 5- fofHkUu dk vodk'k] vkfnA
- 6- dh dk
- 7- fo'ofo|ky; fofHkUu ih-ih-Vh- A ¼yxHkx 50
- 8- fo'ofo|ky; dh lHkh uke dk .k A
- 9- }kjk çnku djuk A
- 10- çkfIr Qkby ij djuk A

- 1- fgUnh frekgh çxfr dk v,uykbu .kA
- 2- frekgh çxfr çkIr djuk dj ekuo fodkl jktHkk"kk foHkkx v,uykbu A
- 3- }kjk jktHkk"kk lEcfU/kr dk .k djuk A
- 4- frekgh foHkkxh; jktHkk"kk lfefr dh djuk jktHkk"kk ij djuk A
- 5- jktHkk"kk k tkjh djuk dh djuk /kkjk 3¼3½ dk lHkh ukeiê] vkfn f}oHkk"kh djukA
- 6- lHkh ij fy, miYkC/k djkuk A
- 7- ljy 'kCnkoyh dk ek/;e .k djukA
- 8- okyh fVlif. dk .k djuk A
- 9- i=koyh çcU/ku vkb-,l- - ç.kkyh dk fd;k tk jgk
- 10- fgUnhÙkj Hkk"kh f'k{k. Hkkjr ljdkj fgUnh f'k{k.k rgr çf'k{k.k dh O;oLFkk djukA

- 1- fgUnh i=kpkj dk çfr'kr
- 2- fgUnh dk fu;fer djukA
- 3- fgUnh frekgh fofHkUu le; ij çkIr djukA
- 4- fofHkUu dk le; ij djukA
- 5- flrEcj ekg dk
- 6- fofHkUue dk A
- 7- frekgh jktHkk"kk dk djuk A
- 8- frekgh jktHkk"kk lfefr dh dk djukA

- 1- jktHkk"kk lfefr lfØ; Hkkxhnkjh A
- 2- vf[ky Hkkjrh; jktHkk"kk HkkxhnkjhA

- 1- flrEcj ekg dk djukA
- 2- lh,th dk djukA
- 3- fgUnh dk fu;fer djukA
- 4- çi=] çfd;k vU; lkfgR; dk djukA
- 5- Hkk"kh çf'k{k.k ukfer djukA

- प्रशिक्षण— Hkk"kh .kd f'k{k. Hkkjr ljdkj dh f'k{k.k rgr dk çf'k{k.k fnyk;k x;kA
- çf'k{k.k dk fd;k x;kA

क्रम.सं.	नामित शिक्षक एवं कर्मचारियों की संख्या	नामित सदस्यों का पदनाम	प्रशिक्षण
1-	8	7 f'k{kd] 1	fgUnh çf'k{k.k

- हिंदी प्रकोष्ठ की भावी योजनाएं— Hkkjr ljdkj dh f'k{k.k rgr dk çf'k{k.k fnykukA
  2- dk fu;fer çdk'kuA
  3- i=kpkj çfr'kr
  4- lHkh .kd f'k{k. jktHkk"kk uhfr voxr djkukA
  5- fo'ofo|ky; çdk'ku djuk A

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