Annual Report
2018-19

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY

LUCKNOW

प्रज्ञा शील करुणा

ESTABLISHED 1996

Babasaheb Bhimrao Ambedkar University
(A Central University)
(Accredited 'A' Grade by NAAC)
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Visitor

Hon'ble president of India

Shri Ram Nath Kovind

Chancellor

Dr. Prakash C. Bartunia

Vice-Chancellor

Prof Sanjay Singh

Registrar	Prof. R. B. Ram (I/C)
Finance Officer(I/C)	Shri Ashish Rastogi, DR
Controller of Examination	Prof. Manish Kumar Verma
Librarian	Dr. Sunil Goria
Proctor	Prof. Ram Chandra
Dean Student's Welfare	Prof. B. S. Bhadauria
Dean Students's Welfare (women)	Prof. Sudarshan Verma
Director Public Relations	Dr. Rachana Gangwar

Deans of the School

School for Information Science Technology	Prof. R.A. Khan
School of Ambedkar Studies for Social Sciences	Prof. Ripu Sudan Singh
School of Life Sciences	Prof. D. R. Modi
School For Environmental Science	Prof. S. K. Dwivedi
School For Home Science	Prof. Sunita Mishra
School For Education	Prof. Arbind Kumar Jha
School For Legal Studies	Prof. Sudarshan Verma
School For Management Studies	Prof. M.S. Khan
School of Physical & Decision Sciences	Prof. Kaman Singh
School of Languages and Literature	Prof. Arbind Kumar Jha
School of Media and Communication	Prof. Gopal Singh
School of Economics and Commerce	Prof. N. M.P. Verma
School of Agriculture Sciences & Technology	Prof. R. B. Ram
School of Biomedical & Pharmaceutical Sciences	Prof. Shubhini A Saraf

Heads/Dirctors/Coordinators

Political Sciences	Prof. Ripu Sudan Singh
Sociology	Prof. B.N. Dubey
Public Administration	Prof. Ripu Sudan Singh
History	Dr. Shura Darapuri
Zoology	Prof. Dinesh Raj Modi
Bio-Technology	Prof. Dinesh Raj Modi
Environmental Sciences	Prof. Naveen Kumar Arora
Human Development & Family Studies	Dr. U.V. Kiran
Information Technology	Prof. R. A. Khan
Computer Science	Prof. Sanjay K. Dwivedi
Library & Information Science	Dr. M. P. Singh
Education	Dr. H. S. Singh
Human Right	Prof. Priti Saxena
CGPLIS	Prof. Priti Saxena
Law	Prof. Sudarshan Verma
Rural Management	Dr. M.S. Khan
Mathematics	Prof. B. S. Bhadauria
Chemistry	Prof. Kaman Singh
Physics	Dr. Devesh Kumar
Statistics	Dr. Madhulika Dube
Hindi	Dr. Sarvesh Kumar Singh
Mass Communication & Journalism	Prof. Govind Ji Pandey
Economics	Prof. Sanatan Nayak
Horticulture	Prof. Sanjay Kumar
Pharmaceutical Science	Prof. Shubhini A. Saraf
Microbiology	Prof. Rajesh Kumar
University Institute of Engineering and Technology(UIET)	Prof. R.A. Khan
Centre for Industry Institution Partnership Programme (CIIPP)	Prof. Rana Pratap Singh
Department of Social Exclusion and Inclusive Studies	Prof. R.B. Ram

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From Vice Chancellor Message

I take the privilege of presenting the 22nd Annual Report of Babasaheb Bhimrao Ambedkar University, Lucknow for the academic session 2018-19. This is my last message for the University's Annual Report. In the last five years, best efforts were put forth and which is made evident through the remarkable progress of the University in the frontier areas of teaching, research and institution building. With an unwavering commitment to academics, the University has grasped the extraordinary opportunities available through international collaborations and MOUs with various institutions of repute to forge its path to progress.

Babasaheb Bhimrao Ambedkar University has spread its horizons extensively adopting strategies for enhancing quality of teaching and research which focus towards fulfilling the vision of the dynamic and creative globally connected institution of excellence. The University has grown by leaps and bounds in the last few years, initiating many small, but significant success stories which have put the University on the track of rapid development. Inclusion and promotion of marginalised sections of the society has pushed for their societal and academic growth.

The University is offering more than forty two contemporary programmes in emerging areas of science & technology, social sciences and languages as well as many skill-based initiatives, in addition to the regular conventional courses. The University has adopted best practices, successfully implemented, numerous socially relevant and meaningful initiatives, and fostered vibrancy in the campus.

Rigorous reforms at all levels viz., academic, infrastructure, administrative and financial were undertaken and successfully fulfilled. The academic restructuring of the University is one of the most significant initiatives following better functioning of the university has been instrumental in better organisation of various new Schools and Departments. The recruitment on various teaching and non teaching positions was completed following the roaster system. New initiatives were also taken up to improve the infrastructure, faculty and student empowerment, and administrative and financial functioning of the University, developed renewed facilities for better co-curricular / sports and health infrastructure. The construction of student's activity centre is in process for multifaceted development of the student's fraternity. Two academic blocks were completed and inaugurated during the last year by the Chief Minister, Sri Adityanath. A State of the Art building dedicated for study and research on Dr. Bhimrao Ambedkar, has been completed. It's main objectives are to propagate Ambedkar's ideologies and is adequately equipped with a library, audio visual lab, seminar halls etc. The University has made a significant mark, being one among the five premier institutes for establishment of DST centre for policy research which is aimed at harnessing the innovative ideas of the grass root

innovators and transforming them meaningfully to a tangible output.

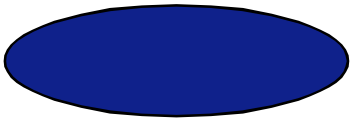
Under the aegis of the BBAU/ DST Policy Research Centre, an Innovators Exhibition inaugurated by the Hon'ble President of India was organized on 15th December, 2017. The faculty of the University actively organized and participated in various International and National Seminars and conferences during the last five years. The University has submitted proposals for initiating seven programmes under MOOCS and several programmes were organized in the last year as a part of the MHRD-GIAN programme.

BBAU is frontrunner to implement the policies of Govt of India and has actively participated in Swatchh Bharat Abhiyan, Centenary celebrations of Pt. Deen Dayal Upadhyay, Swacchatta Pakwada, Hindi Pakwada, Matrubasha Diwas, Patel Jayanti, National Science Day, Librarian's Day, National Sports Day, Ek Bharat -Sresht Bharat, Skill India initiative of the MHRD. Towards green campus drive, four parks were developed in the University during last year including the herbal garden and most of the programmes as proposed by MHRD are immediately initiated and successfully implemented.

The University is proactive in community services and strongly believes that the higher education institutes has a wide scope to work towards community upliftment and accordingly the University fraternity took up many initiatives through awareness camps, short films, training programmes and many more. The University implemented of various programmes for societal upliftment through its initiative of giving special reservations for Single girl child, Cancer, thalessemia patients; adoption & development of seven villages providing Legal, IT, healthcare awareness and support.

I am obliged to put on record that the University is determined to continuously endeavour to impart quality higher education and values relevant for the development of the society as perceived by Bharat Ratna, Dr. Babasaheb Bhimrao Ambedkar.

I express my sincere thanks to the Ministry of Human Resource Development (MHRD), University Grants Commission (UGC), Government of U. P., and other funding agencies for their generous support and co-operation. I take this opportunity to thank all sections of the University fraternity - faculty, officers, non-teaching staff and students for their continuous co-operation and support for the growth of the University and mission of sharing and creating knowledge and for contributing to the growth of not only our University but the society, nation and humanity at large.



(Prof. Sanjay Singh)
Vice-Chancellor

Board of Management

Prof Sanjay Singh
Vice Chancellor,
Babasaheb Bhimrao Ambedkar University Lucknow

Prof. Kaman Singh,
Dean SPDS,
Babasaheb Bhimrao Ambedkar University Lucknow

Prof. B. S. Bhadauria,
Head, Deptt. Of Mathematics,
Babasaheb Bhimrao Ambedkar University Lucknow

Prof. Kamal Jaiswal,
DAAS,
Babasaheb Bhimrao Ambedkar University Lucknow

Dr. L. C. Mallaiah,
Associate Professor,
Deptt. Of Economics,
Babasaheb Bhimrao Ambedkar University Lucknow

Dr. M. L. Meena,
Assistant Professor,
Deptt. of Horticulture

Dr. Ashok Bajpai,
Member, Rajya Sabha,
151-Janta Kuteer, Dharamshala Road,
Hardoi, UP

Sh. G.C.Hosur,
Joint Secretary (CU),
Department of Higher Education
Ministry of Human Recourse Development Govt. of India,
Shastri Bhawan New Delhi - 110002

Prof. D.P. Singh,
Chairman,
University Grants Commission (UGC),
Bahadurshah Zafar Marg, New Delhi-110002

Prof. Santosh Kumar,
UGC - Centre of Advanced Study in Geology,
Kumaun University, Nainital

Prof. Raghuvendra Tanwar,
Director, Haryana Academy of History & Culture,
Kurukshetra & Professor Emeritus,
History Department, Kurukshetra University

Prof. (Retd) Vidya Sharda,
Former Dean, (Faculty of Languages) Himachal Pradesh University,
Shimla Mangalyam Kangna Dhar,
Phase - 3 New Shimla, Shimla - 171 009

Prof. Ajay Kumar Jha,
Professor & Head,
Department of Political Science and Public Administration
A.N. Sinha Institute of Social Studies, Patna
Secretary BOM,

Registrar,
Babasaheb Bhimrao Ambedkar University Lucknow
Ex-officio Secretary

Academic Council

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

Prof. R.S. Yadav
Ex Pro Vice Chancellor
Lucknow University, Lucknow

Prof. Bimal Jaiswal,
Department of Applied Economics,
Lucknow University, Lucknow

Prof. Kulwant Pathania
Ex-Director, Academic Staff College,
Shimla University, Shimla

Prof. Kuldeep K. Sharma
Department of Zoology,
University of Jammu, J&K.

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

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

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

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

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

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

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

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

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

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. Vipin Saxena
Department of Computer Science
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

Prof. Sanjay Kumar
Deptt. 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
Head, Department of Sociology
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. M.S. Khan
Department of Rural Management
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. 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
Department 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
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Babasaheb Bhimrao Ambedkar University, Lucknow.

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

Prof. B. N. Dubey
Department of Sociology
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. Shilpi Verma
Department of Library & Information Science,
Babasaheb Bhimrao Ambedkar University, Lucknow

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

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

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

Prof. S.D. Sharma
Department of Law
Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

Dr. Narendra Kumar
Coordinator, Department of Earth Sciences Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

Dr. V.Elangovan
Asso. Prof.
Department of Zoology Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

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

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

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

Mr. Samarth Shukla
Ph.D. Scholar, Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow.

Ms. Ayushi Shrivas
P.G. Student, Department of Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow.

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

Finance Committee

Prof. Sanjay Singh

Chairman,

Vice Chancellor,

BBA University, Vidya Vihar Raebareli Road, Lucknow

Joint Secretary & Finance Advisor,

Ministry of Human Resource, Development,

Shastri Bhawan, New Delhi-110 001

Ex-Officio Officer,

Joint Secretary (CU & L), MHRD,

Shastri Bhawan, New Delhi-110 001

Ex-Officio Officer,

Joint Secretary (CU),

University Grants Commission,

Bahadur Shah Zafer Marg, New Delhi-110 002

Ex-Officio Officer,

Prof. Kamal Jaiswal,

Professor,

Department of Zoology,

BBAU, Lucknow

Prof. Heeraman Tiwari,

Finance Officer,

Jawaharlal Nehru University, New Delhi-110067

Finance Officer,

Ex-Officio Secretary,

BBAU, Lucknow

Planning Board

Prof. Sanjay Singh,

Vice Chancellor,

Babasaheb Bhimrao Ambedkar University, Lucknow

Chairman

Shri Prakash Singh,

Professor, Department of Political Science,

University of Delhi, Delhi

Regi**strar,**

Babasaheb Bhimrao Ambedkar University, Lucknow

Ex-officio Secretary

SCHOOL OF AMBEDKAR STUDIES FOR SOCIAL SCIENCE

The School of Ambedkar Studies for Social Sciences (SASSS) was started in the early years of the University. It started its academic programmes in 1997-98. The School first started with the departments of Economics and History and later added two new departments and two Centers of Study. The School has four post-graduate departments, which include Department of Economics, Department of History, Department of Political Science, and Department of Sociology. These departments offer Ph.D., and P.G. (M.A.) programs which has an interdisciplinary orientation. The centres of the School include - Centre for the Study of Social Exclusion and Inclusive Policy. The School is engaged in various endeavors to establish 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 activities such as special lectures, seminars and workshops on issues of great social significance.

DEPARTMENT OF POLITICAL SCIENCE

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

In order to support its academic activities and new innovative teaching methods, the Department is being provided with necessary infrastructural facilities like computers, printers, overhead projector, starboard, and photocopy machine.

Objectives of the Department

- To promote interactive teaching and learning in core and allied areas of political science like political theory and philosophy, Indian politics, international relations and public administration;
- To make teaching in political science socially inclined and relevant in a multi cultural society like India's;
- To promote quality research entailing theory-building with empirical learning and experimental studies;
- To undertake interdisciplinary research by linking politics with its larger socio-economic, cultural environment;
- To provide a progressive, healthy and vibrant environment to its students as well as teachers for the purpose of developing an Indian way of studying political science

1. Course offered

i. Ph.D.,

ii. M.A.

2. Facilities available in the department

i. Research Laboratory

ii. Smart Classroom.

iii. Departmental Library

3. Details of Faculty

i. Prof. Shashi Kant Pandey, Head & Professor

ii. Prof. Ripu Sudan Singh, Professor

iii. Prof. Sartik Bagh, Professor

iv. Dr. Siddhartha Mukerji, Assistant Professor

v. Dr. Preety Choudhari, Assistant Professor

vi. Ms. Manjari Raj Oraon, Assistant Professor

4. Co-curricular/Extra-curricular/sports Activity by the department

i. Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drives.

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

Prof. S.K. Pandey

i. Life Member: All India Political Science Association;

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

iii. Member: Departmental Research Committee, School for Ambedkar Studies, BBAU; Member: Board for Post-Graduate Studies, School for Ambedkar Studies, BBAU;

iv. Member: School Board, School for Ambedkar Studies, BBAU;

v. Member: Academic Council, BBAU;

vi. 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.)

Prof. Ripu Sudan Singh

i. Member, BPGS, Department of Political Science, BBAU

ii. Member, DRC and RDCU, Department of Political Science, BBAU

iii. Member, Academic Council, BBAU;

iv. Member, Board of Management; BBAU;

v. Member, DRC, Department of Political Science, Bundelkhand University, Jhansi;

vi. Member, International Political Science Association; Indian Political Science Association

Prof. Sartik Bagh:

i. Member, BPGS, Department of Political Science, BBAU

ii. Member, DRC and RDCU, Department of Political Science, BBAU

iii. Member, Academic Council, BBAU

iv. Member, DRC, Department of History, BBAU;

v. Life Member, Comparative Education Society of India, New Delhi

vi. Member, Academic Council, BBAU;

vii. Member, Association for Political Theory, Indian Council of Philosophical Research, Lucknow; Academic Centre Library, Lucknow

Dr. Siddhartha Mukerji

i. Member, BPGS, Department of Political Science, BBAU

Dr. Preety Choudhari

i. Member, BPGS, Department of Political Science, BBAU;

ii. Member, DRC and RDCU, Department of Political Science, BBAU

iii. Member, Association of Socio-Economic Development Studies, Lucknow; Indian Political Science Association

6. Details of Book Chapter in edited volume

Dr. Siddhartha Mukerji

i. "Development" in Political Processes in India, IGNOU, New Delhi

ii. "Globalization, IT and Governance: Implications for Social Justice and Inclusivity" in Manish Verma edited Globalization, Environment and Social Justice, Routledge, 2019

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

i. Dr. Siddhartha Mukerji-"The 2015 Gram Pradhan Elections in Uttar Pradesh: Money, Power and Violence", Economic and Political Weekly, June 16, 2018, Vol.LIII, No. 24, pp.58-63

ii. Dr. Preety Choudhari -02(articles) 1. Indian Foreign Policy During Modi Era", Political Discourse, December 2018; 2. A review article " Dukh ko bayan karne ka jokhim", Tadbhav, May 2018; 3, "Bharat Chin Sambandh Aur Hindi media", Manav, 2018

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

Prof. Ripu Sudan Singh

i. Presented Paper in a Seminar on Gandhi organised by Ram Manohar Lohia National Law University, Lucknow .29 March.2019.

ii. Presented paper "विधि का शासन, लोकतंत्र और भारतीय राज्यः पर्यावरण प्रदूषण संबंधी कुछ मामले" in a National Seminar on Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges. March 26,2019. Dept of law, BBAU.

Dr. Siddhartha Mukerji

i. Relocating State and Development in Dr. Ambedkar's Political Thought in the national seminar on The Idea of India: Intellectual Traditions in Indian Studies organized by UGC-HRDC Panjab University Chandigarh from 18-19 March, 2019

ii. Mapping Development and Equity from Gandhi's Moral Philosophy in a national seminar on Conceptualizing Mahatma Gandhi's Philosophy in the 21st Century organized by RMLNU, Lucknow from 29-20 March, 2019

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

Prof. Ripu Sudan Singh

i. IPSA Conference, Brisbane- 21st July – 25th July, 2018

10. Details of invited lecture inside the country:

Prof. Sartik Bagh

i. Invited lecture on 'Rise of Right-Wing Political Parties in India' on 26/11/2018 at Centre for Social Exclusion and Inclusive Policy, BHU, Varanasi

Dr. Preety Choudhari

i. Invited speaker at History Fest, Maharaja Bijali Pasi Govt. PG College, Lucknow 20 November 2018.

ii. Invited Speaker in a literary function organised by Rajkamal Prakashan, Lucknow .August 2018.

iii. Invited Speaker in a seminar on Eminent Hindi Writer DoodhNath Singh, July 2018.

11. Details of National Award/ fellowship :

i. **Dr. Preety Choudhari** awarded Lok Sabha Fellowship 2018-19 on the topic 'Contemporary Foreign Policy Issues: An Analysis of Parliamentary Proceedings'

ii. **Dr. Preety Choudhari** awarded 'Sahitya Gaurav Puraskar' UP Rajya Karamchari Sansthan, U.P, 2018

12. Details of Research Projects (major/ minor):

i. International Project (Major Project 2015-19) on "Real Estate Sector and Rural Migration: A Study of Lucknow" in collaboration with Stockholm University, Sweden (Ongoing project): Prof S.K. Pandey (Project Cordinator), Prof. Sartik Bagh, and Dr. Siddhartha Mukerji

ii. Prof. Ripu Sudan Singh- ICSSR Project, Title of the Project- "People's Participation and Social Inclusion: A Case study of Boatsman Community of Bundelkhand Region of Uttar Pradesh", January 2017(ongoing)

13. Students achievements

i. Ph. D Awarded during the year

Sl. No.	Students	Guide	Title	Fellowship availed/ availing
1.	Dr. Abhay Singh	Prof. Sartik Bagh	Crisis of Food Security and State Response in Post-Liberal Economy of India: A Study of Basti District in UP	UGC-JRF
2.	Dr. Veer Kumar Rai	Prof. Ripu Sudan Singh	Global Health Governance and Health Security: An assessment of NRHM in U.P. with special reference to Raebareli District	UGC-JRF

Sl. No.	Students	Guide	Title	Fellowship availed/availing
3	Dr. Suchitra Diwaker	Prof. Sartik Bagh	Uccha Shiksha Mein Anusuchit Jati Ki Mahilayen: Lucknow Vishwavidyalaya Evam Babasaheb Bhimrao Ambedkar Vishwavidyalaya Ka Tulnatmak Adhyaan (Varsh 2000 Se Ab Tak)	UGC-JRF
4	Dr. Rohit Kumar	Prof. Ripu Sudan Singh	Dilemma and dynamics of Democracy in Egypt in the post-Cold War period	UGC-JRF
5	Dr. Rajiv Kumar Prajapati	Prof. Shashi Kant Pandey	Purvi Uttar Pradesh Main Aplvikash Ki Rajniti: Ajamgarh Janpad Ke Vishesh Sandarbh Main	UGC-JRF
6	Dr. Deepti Singh	Prof. Sartik Bagh	Role of State in Education of Trible Community With Special Reference to Bharia Trible in Patalkot Region (M.P)	UGC-JRF
7	Dr. Maya Bharti	Prof. Sartik Bagh	Mahilaon Ki Sehbhagita Tatha Sashktikaran Mein MNRGES Ki Bhumika- Uttar Pradesh Ke Kaushambhi Jile (Kaushambhi Vikas Khand) Ke VIshesh Sandarbh Mein	UGC-JRF

ii. Ph.D thesis submitted during the year

Sl. No.	Students	Guide	Title	Fellowship availed/availing
1	Indu	Prof. Ripu Sudan Singh	"शीत युद्वोत्तर भारत–ईरान सम्बन्धः ऊर्जा सुरक्षा के विशेष सन्दर्भ में"	

Sl. No.	Students	Guide	Title	Fellowship availed/availing
2	Prem Shankar Gond	Prof. Sartik Bagh	"ग्रामीण विकास में मनरेगा की भूमिकाः बिहार के कैमूर जनपद का एक अध्ययन"	
3	Rajeev Sagar	Dr. Siddhartha Mukerji	"Governance of Mid-Day Meal Scheme in Uttar Pradesh: A Case Study of Rampur District"	
4	Seema Kumari	Prof. Sartik Bagh	"डा0 अम्बेडकर मे सामाजिक एवं राजनीतिक विचारों का प्रभावः महाराष्ट्र एवं उत्तर प्रदेश के दलित आंदोलन का तुलनात्मक अध्धयन"	

iii. Ph. D student's Pursuing

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor	Research Topic	Funding Agency of Fellowship
1	Ashutosh Singh	Prof. Ripu Sudan Singh	Kurdish Issue In The Post Saddam Hussain Iraq	UGC-JRF
2	Avneesh Kumar Gautam	Prof. Ripu Sudan Singh	भूमण्डलीकरण के दौर में उत्तर प्रदेश में पर्यावरणीय राजनीति (1991 से अब तक)	UGC-JRF
3	Sandeep Kumar Aaditya	Prof. Ripu Sudan Singh	Sexual Violence Against Women in Uttar Pradesh: Responses of Police and Judiciary	UGC-JRF
4	Vikas Shukla	Prof. Ripu Sudan Singh	दक्षिण एशिया में राज्य–राष्ट्र अंतर्द्वंदः नेपाल राज्य का अध्ययन	UGC-Fellowship
5	Dinesh Kumar	Prof. Sartik Bagh	Land Acquisition Policy under Neo Liberal Regime in India: A Case Studey of Lucknow	UGC-JRF
6	Santosh Kumar	Prof. Shashi Kant Pandey	Political Discourse in Social Media and Its Impact on the Participation of Youth in Uttar Pradesh	UGC Fellowship

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor	Research Topic	Funding Agency of Fellowship
7	Mehdi Ali	Prof. Shashi Kant Pandey	State and Human Rights in India: A Case Study of Kashmir Valley	UGC-Fellowship
8	Shraddha Mishra	Prof. Shashi Kant Pandey	Inclusive Education: Role of the State & Civil Society: A Study of Right to Education in Lucknow, Uttar Pradesh	UGC-JRF
9	Abhishek Kumar	Prof. Shashi Kant Pandey	"उत्तर प्रदेश की राजनीति में लघु एवं सीमांत दलों की भूमिकाः 2007 के पश्चात्"	UGC-Fellowship
10	Ajay Kumar Pathak	Dr. Siddhartha Mukerji	"उत्तर प्रदेश में भारतीय जनता पार्टी का राजनीति का अभ्युदयः 2014 लोक सभा चुनाव के विशेष सन्दर्भ में"	UGC Fellowship
11	Pramod Kumar Pandey	Dr. Siddhartha Mukerji	हिन्दुत्व वादी राजनीति का अथ्युदय एवं मतदाताओं का दृष्टिकोणः उत्तर राम जन्मभूमि आन्दोलन के संदर्भ में गोरखपुर जिले का अध्धयन	UGC-Fellowship
12	Ram Surat Yadav	Dr. Siddhartha Mukerji	"उ0 प्र0 में ई–गवर्नेंस और इसका क्रियान्वयन': सामाजिक विकास पर इसका प्रभाव"	UGC-Fellowship
13	Jay Bahadur Uttam	Prof. Sartik Bagh	कृषि संकट : नीति और राजनीति बुन्देलखण्ड क्षेत्र का अध्ययन (बांदा एवं महोबा के विशेष सन्दर्भ में)	UGC-Fellowship
14	Sanjay Kumar	Prof. Sartik Bagh	राज्य की भूमिका और जनजातीय विकास : जिला बलरामपुर उत्तर प्रदेश में थारू जनजातियों का आर्थिक शैक्षिक एवं स्वास्थ्य स्थिति का एक अध्ययन	UGC-JRF
15	Jitendra Singh Yadav	Prof. Shashi Kant Pandey	Caste, Agrarian Relations and Electoral Politics: A Study of Western Uttar Pradesh	UGC-JRF

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor	Research Topic	Funding Agency of Fellowship
16	Ankita Shukla	Dr. Preety Choudhari	Public policy and municipal solid waste management: A case study of Municipal Solid Waste Rules 2016 in the context of UP	UGC-JRF
17	Mohamad	Prof. Sartik Bagh	Democracy, Decentralisation and Development: A Study of Ladakh Autonomous Hill Development Council and Panchayati Raj System of Kargil, Jammu and Kashmir	UGC- Fellowsh1ip
18	Shivendra Tiwari	Prof. Shashi Kant Pandey	Shifting Contours of Party System in Contemporary India: A Study of BJP's Rise in Politics Since 2014	UGC- Fellowship
19	Pramod Kumar Sharma	Prof. Sartik Bagh	Developmental Projects and Tribal Displacement in Neo-liberal Period: A study of Judicial Response in India	UGC- Fellowship
20	Vivek Kumar	Prof. Sartik Bagh	स्वयं सहायता समूह और महिला सशक्तिकरण : उत्तर प्रदेश के रायबरेली जिले में सरकारी और गैर–सरकारी संस्थाओं का तुलनात्मक अध्ययन	UGC- Fellowship
21	Rekha Yadav	Dr. Preety Choudhari	लोकतन्त्र में राजनीतिक संरक्षणवादः उत्तर प्रदेश राज्य महिला आयोग के संदर्भ में	UGC- Fellowship
22	Ritesh Kumar	Dr. Preety Choudhari	State, Caste and Social Exclusion: A Comparative Study of Legal, Educational and Media Institutions in Lucknow	UGC- Fellowship
23	Teeka Ram	Prof. Shashi Kant Pandey	उत्तर आधुनिकताः भारतीय राज्य की बदलती भूमिका (समकालीन मतभेद और बदलाव)	UGC-JRF

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor	Research Topic	Funding Agency of Fellowship
24	Rinkoo	Prof. Shashi Kant Pandey	नगरीय शासन एवं स्वच्छताः लखनऊ नगर निगम के विशेष सन्दर्भ में	UGC- Fellowship
25	Anuj Kumar	Dr. Siddhartha Mukerji	लोककल्याण और लोक नीति : उत्तर प्रदेश में प्रधानमंत्री आवास योजना–ग्रामीण, सीतापुर जिले का एक अध्ययन	UGC- Fellowship
26	Vimlesh Kumar	Prof. Shashi Kant Pandey	Welfare State and Public Policy in India: A Study of Public Distribution System in Raipur, Chhattisgarh	UGC-RGNF
27	Nazir Hussain	Prof. Ripu Sudan Singh	A Comparative Study of Secularism in India and Turkey in the Post- Cold War Global Politics	UGC- Fellowship
28	Shiv Kumar Kharwar	Dr. Preety Choudhari	संघवाद में लोकनीति का क्रियान्वयनः उत्तर प्रदेश राज्य में गंगा प्रदूषण मुक्ति कार्यक्रमों का अध्ययन	UGC- Fellowship
29	Vinay Kumar	Prof. Ripu Sudan Singh	----	----
30	Gukhu Mega	Prof. Ripu Sudan Singh	------	UGC-JRF
31	Balan G	Prof. Sartik Bagh	------	----

VII. Accomplishments of Students

i. Number of student completed their master/graduation/Diploma-12

ii. Number of student selected in civil services (UPSC/UPPSC)- 01

iii. Number of student selected on other government jobs/banking/school teaching etc- 03

iv. Number of student awarded SLET/ NET/JRF/any other fellowship- 05

DEPARTMENT OF PUBLIC ADMINISTRATION

The Department of Public Administration is established in year of 2015. The department is dedicated to promote teaching and research in the emerging fields of public administration especially 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 School of Ambedkar Studies for Social Sciences. Presently, the department is offering B.A. (Hons.) Public Administration and M.A. Public Administration program.

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

Objectives of the Department

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

1. Course offered

i. B.A. (Hons.) Public Administration

ii. M.A. in Public Administration

2. Faculty details

i. Prof. Ripu Sudan Singh

Professor and Head

Specialization: International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics

Qualification : M.A, M.Phil, PhD

ii. Dr. Vibhooti Narayan

Assistant Professor

Specialization: Indian Polity & Governance, Financial Administration, Public Policy, Indian Administration etc.

Qualification : M.A, Ph.D.,

3. Department Level Academic Activities:

i. Special Lecture by Shri Kumar Prashant, President, Gandhi Peach Foundation, New Delhi on dated 11 October 2019 on the topic **"Gandhi and Governance: Relevance in 21st century"**

4. Academic Activities of the Faculty

Prof. Ripu Sudan Singh

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

ii. External Member in DRC in Bundelkhand University, Jhansi

5. Accomplishments of Student

i. One student of the department has been awarded **Gender Champs** of Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. One student of the department had participated in NCC regional tournament, Agra for basketball.

iii. One student of the department had participated in Inter –university badminton tournament, organized by BBD University, Lucknow.

6. 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, Ph.D. in 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

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 endeavor, 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 Vivekananda Single Girl Child fellowship, Rajiv Gandhi National fellowship. They are encouraged to participate in national and international seminars both in India and abroad and get their research papers published in acclaimed journals approved by the UGC. The research scholars participate and make presentations at the annually held Indian History Congress sessions. The curriculum of M.A. programme covers wide range of themes revolving around socio-economic, political and cultural history of ancient, medieval, modern and contemporary India with an emphasis on the history of the marginalized communities. Besides these, the department also offers papers on environmental history, Diaspora history and few non-Indian history papers. The students are provided with facilities like smart classroom, departmental library, internet facilities etc. which facilitates them in clearing some of the challenging examinations like Civil service Examinations, they are also finding employment as Assistant Professors in Colleges and Universities. Many of our students are pursuing studies in JNU, Jamia Millia Islamia University, IGNOU, BHU, Punjab University, Patiala and University of Gujarat. The main objective of the department is not only to equip students to secure employment but also expose them to a variety of cultures and human experience and train them in the interpretation of conflicting evidences. The department also diligently works in preparing students for responsibilities of citizenship and for dealing with ambiguities of human existence. It provides an intellectual challenge as well as stimulus to the imagination and analytical thinking.

1. Courses offered

i. M.A

ii. M.Phil

iii. Ph.D

2. Facilities available in the Department

i. Departmental Library

3. Details of Faculty

i. Prof. S. Victor Babu

Professor& Head

Specialization : Late Medieval Indian History, Environmental History and Christianity in North East India and Historiography

Qualification: M.A, M.Phil & Ph.D

ii. Dr. Shura Darapuri

Professor

Specialization : Modern Buddhism, Dr. Ambedkar & Dalit

Qualification: M.A, M.Phil & Ph.D

iii. Dr. V. M. Ravi Kumar

Assistant Professor

Specialization : Modern Indian History, Environmental History, Tribal History, Dalit History, History of Indian National Movement, Modern European History.

Qualification: M.A, Ph.D

iv. Dr. Sidharth Shankar Rai

Assistant Professor

Specialization : Ancient History, Archaeological Science, Electron Microscopy and X-Ray Microanalysis, Archaeo-metallurgy

Qualification: M.A., NET, D. Phil

4. Other Departmental level Academic Activities –

A Special Lecture delivered by Prof. Y. Chinna Rao from Department of History, Jawaharlal Nehru University, Delhi on the topic entitled "Dalit Movements at Crossroads" April, 2018

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

MOU with University of Kelaniya, Sri Lanka for exchange of teaching and research areas

6. 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.

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

Prof. S. Victor Babu

i. Indian History Congress L.M No. 2332

ii. Northeast History Congress

iii. Andhra Pradesh History Congress

Prof. Shura Darapuri

i. Indian History Congress

ii. All India Rights Organization

iii. Maha Bodhi Society

iv. DRC chairperson

v. Member Academic Council

vi. Member RDCU

Dr. V.M Ravi Kumar

i. Member of Indian History Congress

ii. Member of Utter Pradesh History Congress

Dr. Sidharth Shankar Rai

i. Fellow of the Royal Asiatic Society of Great Britain and Ireland, U.K.

ii. Associate, Electronic Cultural Atlas Initiative, University of California, Berkley, USA

iii. Life Member, Indian Science Congress Association, India

iv. Life Member, Indian Society of Prehistoric and Quaternary Studies, India

v. Member, Departmental Admission Committee, Department of History, BBAU

vi. Member, Departmental Research Committee, Department of History, BBAU

8. Details of Books written / edited/ book chapter by faculty members

Prof. Shura Darapuri

i. 'Mahatma Jyotirao Phule Mahan-Manviyavadi' in 'Bhartiye Vaishvik Vicharak Chintan and Yogdan', Edited by RC Sobti, Kamal Jaiswal, Shilpi Verma and Sudershan Verma published by Army Printing Press, Lucknow, 2018,ISBN 9788193260579.

ii. 'Bhagwan Das and the Liberation of Burakumin of Japan' in Problem of Caste in India Investigating History and Historiography by Dr. Vikram Harijan, Meena Book Publications, New Delhi, 2019. ISBN:978-93-85957-10-9

iii. Preface Published in Sanskritic Reporting by Sakshi Gautam, Academic Publication, Delhi, 2019. ISBN:978-93-83-931-64-4

Dr. Sidharth Shankar Rai

i. Rai, S.S. (2019) *Ancient Indian Pottery Technology*, in Dilip Chakrabarti (Ed.) History of Ancient India, Volume 9 : Science, Technology, Medicine, New Delhi, Vivekanand International Foundation and Aryan Books, (in press)

9. Paper Published during the year by the faculty members

Dr. V. M. Ravi Kumar

i. History of Environmental history of India: A Review of Historiography, Universal Review (Scientific Information and Technological Board of Sadhaha), January, 2019, Vol. 10. No. 1, pp. 200-208. UGC. No. 40792.

ii. V.M. Ravi Kumar, Contested Ecology: A Study on Gandhi and Ambedkar Debate from Ecological Perspective, International Journal of Research and Analytical Reviews, December 2018, Vol. 5, Issue, 4, pp. 1811- 1822. UGC NO. 43602.

iii. V.M. Ravi Kumar, Non-Brahmanism and Nature: An Intellectual History of Jotirao Phule, International Journal of Basic and Applied Research, October, 2018, Vol. 8, No. 10, UGC. NO. 64041

iv. V.M. Ravi Kumar, Adivasi Histories: A Review of Historiography, International Journal of Applied Social Sciences, Vo. 5, No. 9, September 201,8, pp. 15-8-1517. UGC NO. 63754

v. Ashraf Wani and V.M. Ravi Kumar, Green History of Kashmir: Evolution of State Forestry under the Dogra Rule, International Journal of Research in Social Sciences, Vol, 8, Issue, 7, July 2018, pp. 296-305 UGC No. 48887

vi. Ishan Khan and V.M. Ravi Kumar, Evolution of glass bangle industry in Firozabad of Agra division (1900-1950), July 2018, Volume IX Number VII, UGC no. 40820.

vii. V.M. Ravi Kumar, Colonial forest policies and local communities in South India, 1885-1947, International Journal of Basic and Applied Research, June 2018, Vol. 8, No. 6, pp, 338-398, UGC No. 64041

viii. V.M. Ravi Kumar, Discourse on Dalit Identity: A Study of Dalit Politics in Utter Pradesh, 1900-1950, in RESEARCH REVIEW: International Journal of Multidisciplinary Voi. 3, Issue 5, May 2018, pp. 180-186, ISSN. No. 2455-3085, UGC No. 44945.

ix. V.M. Ravi Kumar, Religion as Humanism: Contemporary Relevance of B.R. Ambedkar's Buddha and his Dhamma, ***International Journal of Applied Social Science Volume 5 (3&4), arch & April (2018) : 338-3,*** **ISSN:** 2394-1405. UGC No. 62754

x. Md Ashraf Wani and V. M Ravi Kumar, Green Economy of Kashmir: Past and Present, The Research Journal of Social Sciences, Vol. 9, No.5 May 2018, pp. 86-90, UGC No. 40820.

xi. V M. Ravi Kumar, B.R. Ambedkar and Concept of Social Justice: Theory and Practice, Printing Area: International Multilingual Research Journal, Special Issue, April, 2018, pp. 9-12, UGC NO. 43053.

9. Attended/participated in Conferences/seminar/workshop inside Country Papers presented in seminar/conferences

Prof. S. Victor Babu

i. Presented a paper on Bhakti, Village Deities, Caste in medieval Andhra Pradesh: Compulsions and compromises in national seminar, on 'Problems of Caste in India: Investigating History and Historiography' held on 29th and 30th November, 2018. held by the dept. of History, Allahabad University, Allahabad.

ii. Presented a paper on Village Deities, Legends and Caste in medieval Andhra Pradesh: Development of Syncretism south Indian history congress held from 8-10, February, 2019 at Osmania University, Hyderabad

iii. Presented a paper on 'Adi Andhra Identity in Andhra Pradesh: Bhgya Reddy Verma's Alternative Ideology, at Indian History congress held from 26-28th February, 2019 at Bhopal.

iv. Chaired a session on Social History at south Indian history congress held from 8-10, February, 2019 at Osmania University, Hyderabad

v. Chaired a session on Corruption on the Neutral path, in the National seminar Problem of Sectorial Scarcity and Choice in India, held by the dept. of economics, BBAU, from 14-15th March, 2019.

Prof. Shura Darapuri

i. National Conference on 'Problem of Caste in India: Investigating History and Historiography' organized by Department of Medieval and Modern

History, Allahabad University, Prayagraj, 29th November -30th November 2018.Presented paper 'Bhagwan Das and the Liberation of Burakumin of Japan'

ii. Attended Seminar on 'World Suicide Prevention Day' organized in Department of History, BBAU, Lucknow on 10th September 2018.

iii. Attended Seminar on 'Mahatma Gandhi: Swachhta se Swatantra Tak' organized in Department of History, BBAU, Lucknow on 31st January 2019.

iv. Attended Seminar organized to commemorate Teachers Day on 5thSeptember 2018 in Department of History, BBAU

Dr. V. M. Ravi Kumar

i. Paper presented in national level seminar entitled Intellectual Environmental History of India: A Study of Deendayal Upadhyay, by Dr. Shankar Dayal Sharma Institute for Democracy, Lucknow University, 2018.

ii. Presented Paper in Annual Proceedings of Indian History Congress held in Bhopal 2019, January, entitled, 'British policy towards Non-timber forest products in South India'

Dr. Sidharth Shankar Rai

i. Participated and organised as Secretary, in Summer Training School on Instrumentation and Characterizations, May 24-25,2018 at University Sophisticated Instrumentation Centre (USIC), Babasaheb Bhimrao Ambedkar University, Lucknow

ii. Participated in 21 days long Refresher Course at HRD Centre, University of Lucknow, July 03-31, 2018

iii. Participated and organised as Organizing Secretary, सूक्ष्म पदार्थ एवं सम्बद्ध चेतन ऊर्जा पर राष्ट्रीय संगोष्ठी, फरवरी 1–3, 2019 भौतिकीय एवं निर्णय विज्ञान पीठ, बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ

10. Details of invented lectures inside country

Prof. Shura Darapuri

i. Delivered a lecture in International Conference organized on the Topic: "Human Rights in Asia and Africa: Peoples Aspirations and Challenges" 18th January 2019, University of Delhi organized by Centre for Conflict and Peace Research with academic support of Department Adult, continuing Education and Extension.

11. Students achievements

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

Ph.D thesis Submitted during the year

Sl. No.	Students Name	Supervisor	Title
1.	Mohd.Ashraf Wani	Dr.V.M.Ravi Kumar	Agro Ecology of Kashmir During Dogra State(1880-1950)

Sl. No.	Students Name	Supervisor	Title
2	Ishan khan	Dr.V.M.Ravi Kumar	Social History Of Leather Industry And Technology In United Provinces A Study Of Agra(1860-1950)
3	Thaw Ba Na	Prof. Shura Darapuri	"A Critical Study of Monastic Education in Myanmar AD 1044 (Bagan Period) to AD 1885 (Kone Baung Period)"

M.Phil dissertation Submitted

Sl. No.	Students Name	Supervisor	Title
1	Basant Kumar Kannaujiya	Dr. V.M Ravi Kumar	"Dalit Assertion in Independent India: A Study of Dalit Panther Movement (Uttar Pradesh)"
2	Shiv Yadav	Dr. V.M Ravi Kumar	"Environmental History in India: A Review of Historiography"
3	Cakkabala	Prof. S. Victor Babu	"Mogok Vipassana Meditation Method in Myanmar: A Historical Study"
4	Janita	Prof. S. Victor Babu	"Buddhist Art and Architecture during Bagan Dynasty (1044-1368)"
5	Nay Mein Da	Dr. V. M. Ravi Kumar	Theravada Buddhism in Myanmar : A Study of Discourse on Nirvana
6	Raj Kumar	Dr. V.M Ravi Kumar	"Ecological Nationalism in Modern India : A Comparative Study on Ideas of M. K. Gandhi and Deen Dayal Upadhyay"
7	Sushil Kumar Singh	Prof. Shura Darapuri	"History Literature and Representation: A Study on Mudrarakshas in Lucknow"
8	Arti Sharma	Prof. Shura Darapuri	"वाराणसी स्थित संत रविदास मंदिर : उत्तर भारत में दलितों का स्वतंत्रोत्तर काल में धार्मिक परिवेश"
9	Suman	Prof. Shura Darapuri	Buddhist Movement : A Historical Study of Varanasi (1956-2011)"

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

i. 01 Student has been selected in SSC

ii. 03 Students have been appointed as Assistant Professors

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

i. 12 Students qualified NET

ii. 02 Students qualified JRF

iii. 02 Students qualified UGC – RGNF.

DEPARTMENT OF SOCIOLOGY

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

1. Course Offered

i. M.A,

ii. M.Phil &

iii. Ph.D Programmes

2. Facilities available in the Department

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

3. Details of the Faculty

i. Kameshwar Choudhary

Professor

Specialization: Globalization; Development Perspectives; Sociology of Education; Sociological Theory

Qualification: M.A., M.Phil., Ph.D.(JNU, New Delhi)

ii. Bibhuti Bhushan Malik

Professor

Specialization: Sociology of Ecology and Environment; Sociological Theory;Sociology of Poverty and Economic Deprivation

Qualification: M.A., M.Phil., Ph.D., (JNU, New Delhi)

iii. Manish K. Verma

Professor

Specialization: Environment and Development;Globalization Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Rural Ecology

Qualification: M.A., M.Phil., Ph.D. (JNU, New Delhi)

iv. Birendra Narain Dubey

Professor & Head

Specialization: Sociology of Education; Tribal Sociology; Social Justice and Social Movements

Qualification: M.A., M.Phil., Ph.D. (JNU, New Delhi)

v. Jaya Shrivastava

Associate Professor

Specialization: Gender Studies; Social Gerontology; Human Rights and Social Justice; Research Methodology

Qualification: M.A.(BHU), Ph.D.(VKSU) , Post Doctorate (University of Houston – Clear Lake, Texas, USA)

vi. Brajesh Kumar

Assistant Professor

Specialization: Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education

Qualification: M.A., Ph.D. (BHU, Varanasi)

3. Other Departmental-Level Academic Activities

Organized ICSSR Sponsored Two Week **Capacity Building Program** for **Faculty** Development on "**Environment and Sustainable Development**" From Nov' 27 to Dec' 8, 2018 at the Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

4. Visitors of the Department from outside the country (during 01.04.2017- 31.03.2018)

i. One Day Workshop on **Cooling Indian Cities** by Dr. Komali Yenneti, Professor, University of New South Wales, Australia.

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

Prof. KameshwarChoudhary

i. Member, Board of Studies, Deptt. of Sociology, A.M.U., Aligarh

ii. Member, Board of Studies, Sociology, RMN Lohia University, Faizabad

iii. Life member, Indian Sociological Society

iv. Life member, Indian Social Science Association

v. Life member, Indian Academy of Social Sciences

Prof. BibhutiBhushan Malik

i. Nominated by UGC as Expert for Advisory Committee, Dr. Ambedkar Studies Centre, S.L.Bawa D.A. V. College, Batala, Punjab.

ii. Board of Studies, Deptt. of Sociology, Dr. B R Ambedkar University, Agra

iii. Life Member (LMI-2601), Indian Sociological Society, New Delhi. (Approved by ISS Management Committee on 17 March 2007).

iv. Member, International Sociological Association (ISA)

v. Life Member, (LM845), Marathi SamajshatryiyParishad, Maharastra.

vi. Senior Member, (10080090) International Economics Development Research Center (IEDRC), Malaysia.

vii. Member, Advisory Board, *Indian Journal of Dalit and Tribal Studies*, BHU, Varanasi.

viii. Member, Advisory Board, Journal of *Social Reality*, Darbhanga, Bihar.

ix. Member, Advisory Board, SamudayikKalyanAvamVikasSansthan, Kushinagar.

x. Member, Editorial Board, Journal of Dalit and Tribal Studies, BHU, Varanasi.

xi. Member, Expert Committee UGC-Epoch Making of Indian Thinkers (Ambedkar), University Grants Commission, New Delhi

xii. Member, indian Sociological Society

xiii. Member, Marathi Samaj Shashtra Parishad

Prof. Manish Kumar Verma

i. Member, 'Institutional Ethics Committee', Sanjay Gandhi Post Graduate Institute for Medical Sciences (SGPGI), Lucknow from 15.11.2016 to 14.11.2019.

ii. Committee Member, Indian Sociological Society (ISS) from January 2016 to December 2021.

iii. Member, Academic Council, BBAU, Lucknow

iv. Member, School Board, School for Ambedkar Studies,BBAU, Lucknow

v. Member, International Sociological Association (ISA)

vi. Managing Committee Member, Indian Sociological Society (ISS)

vii. Life Member, Indian Sociological Society (ISS)

viii. Life Member, Rajasthan Sociological Association (RSA)

ix. Deputy Coordinator, UGC-SAP, BBAU, Lucknow

x. Peer Reviewer/Content Reviewer of Study Material, Sikkim Manipal University

xi. Course-Coordinator, Sikkim Manipal University

xii. Secretary, RC-07, Rural, Tribal and Peasant sociology of Indian Sociological Society (ISS)

xiii. Member, Advisory Board, journal 'Abhisaran', Bid, Maharastra

xiv. Member, Editorial Board, journal 'Research Process', Aurangabad, Maharastra

xv. Member, Editorial Board, International Journal, "Social Science and Development Policy", Lucknow

xvi. Member, BPGS, Department of Sociology, Tripura Central University, Agartala

xvii. Member, BPGS, Department of Sociology, University of Ranchi, Ranchi

xviii. Member, Editorial Board, journal 'Research Process', Aurangabad, Maharastra

xix. Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow

xx. Member, DRC, Deptt. of Sociology, BBAU, Lucknow

Prof. BirendraNarain Dubey

i. Life Member, International Sociological Association

ii. Life Member, Indian Sociological Society

iii. Chairman, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow

iv. Chairman, DRC, Deptt. of Sociology, BBAU, Lucknow

v. Member, School Board, School for Ambedkar Studies,BBAU, Lucknow

vi. Comparative Education Society of India

vii. Life Member, Indian Teachers' Association

viii. Life Member, Association for Socio-Economic Development

ix. Life Member, All Indian Rights Organization

x. Convener, RC 05 (Sociology of Education) Indian Sociological Society

xi. Reviewer, IMPRESS, ICCSSR, New Delhi

Dr. Jaya Shrivastava

i. Life Member, Indian Sociological Society.

ii. Member, American Sociological Society.

iii. Life Member, Asian Association of Women's Studies.

iv. Life Member, Indian Association of Women's Studies.

v. Life Member, Indian Social Science Academy.

vi. Life Member, Indian Social Science Association.

vii. Life Member, ASEDS

viii. Member, Editorial Board, All Journals published by Rajakiya Sangrahalaya, Jhansi.

ix. Member, Editorial Board, Indian Journal of Bio-Research, Social Science Volume, Lucknow.

x. Member, Editorial Board, Research Post Journal, Jaipur.

xi. Associate Editor of a journal (Science, Technology and Society) published by Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.

xii. Member, Departmental Research Committee (DRC), Department of Sociology,BBAU, Lucknow

xiii. Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow

Dr. Brajesh Kumar

i. Member, Departmental Research Committee (DRC), Department of Sociology, B. B. Ambedkar University, Lucknow.

ii. Member, IQAC, Department of Sociology, B. B. Ambedkar University, Lucknow.

iii. Life member, Indian Sociological Society, New Delhi.

iv. Life member, Indian Association of Teacher Educators, Bareilly.

v. Member, National Editorial Advisory Board, Journal of Social Welfare and Management, Red Flower Publication Pvt. Ltd., Delhi.

vi. Member, Board of Post Graduate Studies, Deptt. of Sociology, BBAU, Lucknow

6. Detail of books written/edited by faculty members

Prof. Manish K. Verma

i. "Globalization, Social Justice and just"Globalization, Environment and Social Justice: Perspectives, Issues and Concerns", edited book published from Routledge, Taylor & Francis Group, UK.(ISBN: 978-1-138-36377-9)

7. Details of book Chapter in edited volume

Prof. BibhutiBhushan Malik

i. "Profile of Dalit Women in Panchayati Raj: A Field View from Eastern Uttar Pradesh" *Women Empowerment: Perspectives and Dimensions,* M. M. Verma (ed.), Serials Publications Pvt. Ltd., New Delhi, 2017, ISBN No. - 978-81-933190-1-7 (Page No. 513-540)

ii. "Democracy, Political Participation and Panchayat Raj: Issues and Challenges in Uttar Pradesh", Indian Democracy: Dimensions, Dilemmas and Inclusive Justice, Amarnath Paswan (ed.), Victorious Publisher, New Delhi, 2016, ISBN No-978-93-84224-39- 4 (Page No. 244- 254).

8. Paper published during the year by the faculty members

Prof. BibhutiBhushan Malik

i. "Poverty of Social Construction and Landlessness: Dignity for Dalits in Eastern Uttar Pradesh"*Contemporary Voice of Dalits* Sage Publications Online First June 3, 2019, pp.1-22

Prof. Birendra N. Dubey

i. **Prof. Birendra N. Dubey (**2018), "Identity Formation among Limboo Tribe of Sikkim. Indian Journal of Society and Politics, Vol.5 (1), February, 2018, ISSN:

2348-0084 (Print), ISSN: 2455-2127 (Online).

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

Prof. KameshwarChoudhary

i. Chaired session at a session in National Seminar on "Higher Education in the New Century: Challenges & Opportunities", organized by Deptt. of Education & IGB, BBA University, Feb. 23, 2018.

ii. Chaired Plenary session on "Challenges of Redefining Concepts", at National Seminar on Redefining Concepts: Tribe, Caste and Family, organised by Ethnographic and Folk Culture Society & hosted by Department of Sociology, University of Lucknow, Lucknow, held on March 26-27, 2018.

Prof. Bibhuti Bhushan Malik

i. Invited as Chief Guest to speak on the Eve of *Samman Samaroha* at Dr. Ram Manohar Lohiya Kanya Uchchattar MadyamikVidyalaya, Madhuban, Mau, 1 April 2018

ii. Chaired a session and delivered a lecture at the National Seminar on "*Transition of Tribes and the Contemporary Discourses* "organized by Dept. of Sociology and Social Anthropology, IGTN, University, Amarkantak, 24-25 September 2018

iii. Chaired a session and delivered an invited lecture at the National Seminar on "*Dalit Movement in North India* "organized Indian Institute of Advance Studies, 26-28 November 2018

iv. Presented Paper *Marginalisation and Exclusion in Everyday Life: The Case of Dalits in India* at 44th All-India Sociological Conference, Organized by Indian Sociological Society, St. Philomena's College (Autonomous), Mysuru, 27-29 December 2018.

v. Presented Paper *Poverty, Education and Happiness: An Exploration from the Life of Dalit Populace* at 44th All-India Sociological Conference, Organized by Indian Sociological Society, St. Philomena's College (Autonomous), Mysuru, 27-29 December 2018.

Prof. Manish K. Verma

i. Chaired a session on, "Media and Society" in the 44th All India Sociological Conference on, "Reconstructing Sociological Discourse in India: Perspectives from the Margins" organized by Indian Sociological Society at St. Philomena College, Mysuru, Karnataka from Dec' 27-29, 2018.

ii. Chaired a session on, "History of Sociology" in the 44th All India Sociological Conference on, "Reconstructing Sociological Discourse in India: Perspectives from the Margins" organized by Indian Sociological Society at St. Philomena College, Mysuru, Karnataka from Dec' 27-29, 2018 and delivered M.N. Srinivas Memorial Lecture.

iii. Chaired a session on, "Economy and Society in Contemporary India" in the 44th All India Sociological Conference on, "Reconstructing Sociological Discourse in India: Perspectives from the Margins" organized by Indian Sociological Society at St. Philomena College, Mysuru, Karnataka from Dec' 27-29, 2018.

iv. Chaired a session on, "Education and Society" in the 44th All India Sociological

Conference on, "Reconstructing Sociological Discourse in India: Perspectives from the Margins" organized by Indian Sociological Society at St. Philomena College, Mysuru, Karnataka from Dec' 27-29, 2018.

Prof. Birendra N. Dubey

i. Chaired a technical session on Gandhi, Philosophy and Ideology at National Seminar on the theme "Contextualizing Mahatma Gandhi's Philosophy in the 21st Century: Democracy, justice, Equality and Non-Violence" organized jointly by Dr. Ram Manohar Lohiya National Law University, Lucknow, March 29-30, 2019.

ii. Chaired technical session 02 on Environment at National Seminar on the theme of Problem of Sectorial Scarcity and Choice in India organized jointly by Babasaheb Bhimrao Ambedkar University and Association of the Socio-economic Development Studies, Lucknow, March 14-15, 2019.

iii. Chaired technical session VI at the National Seminar on the theme of Bharat Me Vilupta Hoti Lok Kalaye jointly Organized by Rastriya Kala Manch, Bachpan Express and Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow, February 28, 2019.

iv. Chaired Session III (Parallel Session-II) of RC 05, Sociology of Education at 44nd All India Sociological Conference on Reconstructing Sociological Discourse in India: Perspective from the Margins organized by Indian Sociological Society and St. Philomena's College, Mysuru, December 27,28 and 29, 2018.

v. Chaired a technical session-VIII (Family) on Redefining Concepts: Tribe, Caste and Family at National Seminar jointly organized by Department of Sociology, University of Lucknow and Ethnographic and Folk Culture Society, Lucknow, March 26-27, 2018.

vi. Chaired a session of workshop on Gender Equality jointly organized by Department of Sociology, BBAU and NGO, Phia, Lucknow, March 14, 2018.

Dr. Jaya Shrivastava

i. Shrivastava, Jaya (2018). Presented a paper entitled "Masculinity and Violence against Women" in a National Seminar "Rights of Women: Emerging Perspective and Issues", sponsored by ICSSR, organized by Institute of Women's Studies, University of Lucknow, Lucknow on Feb. 17, 2018.

ii. Shrivastava, Jaya (2018). Chaired a technical session and delivered a lecture on "Higher Education in the New Century: Challenges and Opportunities" organized by School of Education, BBAU, Lucknow, Feb. 23rd, 2018.

iii. Shrivastava, Jaya (2018). Delivered a lecture on "Qualitative Research Methods"in one week workshop on Research Methodology/two week Faculty Development Programme (FDP) at School of Legal Studies, BBAU on 8th Jan., 2018.

10. Attended/ Participated in Conferences/Seminars/Workshop outside country

Prof. Manish K. Verma

i. "Development Disparity, Special Economic Zones (SEZs) and Farmers: Interrogating Involuntary Displacement in India". Paper presented in XIX World

congress of Sociology organized by International Sociological Association at Toronto, Canada from 15-21 July, 2018.

ii. "Life in a Frinze Zone: An Empirical Analysis of Peri-Urban Lucknow City of India". Paper presented in XIX World congress of Sociology organized by International Sociological Association at Toronto, Canada from 15-21 July, 2018.

11. Details of invited lectures inside country

Prof. Bibhuti Bhushan Malik

i. Delivered Lecture on *Qualitative and Quantitative Research* in two sessions as Resource Person at Ten Days Research Methodology Capacity Building Programme for Faculty Members, organized by Deptt. of Political Science, BHU, Varanasi on 19 June 2019.

ii. Delivered a Lecture on *Social Ecology: Concepts and Theories* in two sessions as Resource Person at Fourteen Days Capacity Building Programme on Environment and Sustainable Development, organized by Dept. of Sociology, BBAU, Lucknow on 4th December 2018

iii. Chaired a session and delivered a lecture at the National Seminar on *"Transition of Tribes and the Contemporary Discourses* "organized by Dept. of Sociology and Social Anthropology, IGTN, University, Amarkantak, 24-25 September 2018

iv. Delivered a Special Lecture on "*Social Exclusion: Concepts and Theories"*, Dept of Sociology. University of Allahabad, Allahabad on 22 September 2018

v. Invited as Chief Guest to speak on the Eve of *SammanSamaroha* at Dr. Ram Manohar LohiyaKanyaUchchattarMadyamikVidyalaya, Madhuban, Mau, 1 April 2018

Prof. Manish K. Verma

i. Delivered an Invited Lecture as Resource Person on, "Research design, Interpretation of Data and report Writing" in the Refresher Course organized by the Academic Staff College, University of Lucknow, Lucknowon research Methodology on 17th December.

ii. Delivered an Invited Lecture as Key Note Speaker and chief Guest on, "Theory and Research Methods to Understand Contemporary Society" in the Refresher Course organized at the Academic Staff College by the Department of Sociology, DDU Gorakhpur University on 18th December.

iii. Delivered an Invited Lecture as Resource Person on, "Report Writing" in the Refresher Course organized at the Academic Staff College by the Department of Sociology, DDU Gorakhpur University on 19th December.

iv. Delivered an Invited Lecture as Resource Person on, "Research Design" in the Refresher Course organized at the Academic Staff College by the Department of Sociology, DDU Gorakhpur University on 18th December.

v. Delivered Invited Lecture as Resource Person On "Youth in India: Issues of Politics and Governance" in a National Seminar organized on the theme, "Youth in Contemporary India: Issues, Challenges and Opportunities" by Iswar Saran PG College, University of Allahabad, Prayagraj on Oct' 27-28, 2018.

vi. Delivered Invited Lecture as Resource Person On "Discourse in Globalization

and Environment" in a Workshop organized on the theme, "Emerging Development Discourse: A Critique" by Department of Sociology, University of Allahabad, Prayagraj on Oct' 26, 2018.

vii. Delivered Lecture as Resource Person on, "Administrative Hurdles in Doing Social Science Research"on 24th Octo' 2018 in ICSSR sponsored Ten Days Research Methodology Workshop jointly organized by Association of Socio-Economic Development Studies (ASEDs) and Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow from Oct' 23 to Nov' 2, 2018.

viii. Delivered an Invited Lecture, "Development, Marginality and Issues of Environment" on 13thOctober 2018 at the Department of Sociology, DDU Gorakhpur University, Gorakhpur.

ix. Delivered an Invited Lecture, "Development, Social Justice and Environmental Issues in India" on 25thJuly' 2018 at the Department of Sociology,John Jay College of Criminal Justice, New York City, USA.

x. Delivered an Invited Lecture, "Issues and Causes of Deviance in India" on 23rd July' 2018 at the Department of Sociology, George Washington University, Washington DC, USA.

Prof. Birendra N. Dubey

i. Chaired a technical session on Gandhi, Philosophy and Ideology at National Seminar on the theme "Contextualizing Mahatma Gandhi's Philosophy in the 21st Century: Democracy, justice, Equality and Non-Violence" organized jointly by Dr. Ram Manohar Lohiya National Law University, Lucknow, March 29-30, 2019.

ii. Chaired technical session 02 on Environment at National Seminar on the theme of Problem of Sectorial Scarcity and Choice in India organized jointly by Babasaheb Bhimrao Ambedkar University and Association of the Socio-economic Development Studies, Lucknow, March 14-15, 2019.

iii. Chaired technical session VI at the National Seminar on the theme of Bharat Me ViluptaHotiLokKalaye jointly Organized by Rastriya Kala Manch, Bachpan Express and Department of Mass Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow, February 28, 2019.

iv. Chaired Session III (Parallel Session-II) of RC 05, Sociology of Education at 44nd All India Sociological Conference on Reconstructing Sociological Discourse in India: Perspective from the Margins organized by Indian Sociological Society and St. Philomena's College, Mysuru, December 27,28 and 29, 2018.

v. Chaired a technical session-VIII (Family) on Redefining Concepts: Tribe, Caste and Family at National Seminar jointly organized by Department of Sociology, University of Lucknow and Ethnographic and Folk Culture Society, Lucknow, March 26-27, 2018.

vi. Chaired a session of workshop on Gender Equality jointly organized by Department of Sociology, BBAU and NGO, Phia, Lucknow, March 14, 2018.

Dr. Brajesh Kumar

i. "Dynamics of Choice and Inequality in Higher Education in Post-Reform Period: A Grounded Theory Study with Young People in Metropolitan Delhi", National Seminar on "Policy Perspectives and

Emerging Issues in Higher Education", Organised by Department of Education, B. B. Ambedkar University, Lucknow, February 23-24, 2019.

ii. "Measureing Maternal Health Care Deprivation: A Case from Bihar" National Seminar on "Problem of Sectorial Scarcity and Choice in India",Organised by B. B. Ambedkar University and ASEDS, Lucknow, March 14-15, 2019.

12. Students Achievements

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

Faculty	Awarded	
	Ph.D.	M.Phil.
Prof. K. Choudhary	04	03
Prof. B.B. Malik	06	03
Prof. Manish K. Verma	03	02
Prof. Birendra N. Dubey	04	03
Dr. Jaya Shrivastava	02	05
Dr. Brajesh Kumar	--	07

II. **Number of student completed their Master/ Graduation/ Diploma**

18

III. Number of students pursuing higher studies

03 (01 Student in M.Phil. and 02 Students in Ph.D)

IV. Number of students selected on other government jobs/banking school teaching etc.

Through Higher Education- 01

V. Number of students awarded SLET/ NET/JRF any other fellowship

NET 06

JRF 02

VI. Accomplishments of Students

i. One student selected as a lecturer to the Govt. School/College.

ii. One student selected as Assistant Professor in the Higher Education Commission U. P.

iii. Faculty wise supervision of the Ph.D. and M.Phill Student

- **Prof. Kameshwar Chaudhary-** Ph.D.- 07 and M.Phill- 00
- **Prof.BibhutiBhushan Malik-**Ph.D.- 08 and M.Phill- 02
- **Prof. Manish K. Verma-** Ph.D.- 08 and M.Phill- 00
- **Dr. Birendra Narain Dubey-**Ph.D.- 06 and M.Phill- 01
- **Dr. Jaya Shrivastava-**Ph.D.- 07 and M.Phill- 01
- **Dr. Brajesh Kumar-** Ph.D.- 04 and M.Phill- 00

THE CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE STUDIES, BBAU, LUCKNOW

The Centre for the Study of Social Exclusion & Inclusive Policy (CSSEIP) has been established in Babasaheb Bhimrao Ambedkar University in 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 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 CSSEIP has four pronged activities: teaching, research, action research 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.

Objectives of Centre

- 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.

1. Course offered/New course:

CBCS paper "Social exclusion and inclusive development", (paper code CSS-101) at M.A level.

2. Faculty Details

i. Dr. Prasamita Mohanty

Associate Professor-cum-Deputy Director

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

Qualification: M.Phil., Ph. D (Education), MBA (Edn. Mgmt)

Experience: 20 years

ii. Dr. Rudra Prasad Sahoo

Assistant Professor-cum- Assistant Director

Specialization: Ideology ,Culture and International Relation

Qualification: Ph. D (Political Science)

Experience: 11Years

iii. Dr. Bibekanand Nayak

Assistant Professor –cum- Assistant Director

Specialization: Sociology of Development, Social exclusion of Tribal and Dalits, Sociology of Ecology , Health &Public Policy

Qualification: M.A, M.Phil. & Ph. D (Sociology, JNU, New Delhi)

Experience: 12 Years

iv. Dr. Sangeeta Krishna

Assistant Professor cum Assistant Director

Specialization: Modern Indian History, Social

and Women's History, Gender Studies, Dalit and Subaltern Issues, Popular Culture.

Qualification: Ph. D (History)

Experience: 20 years approximate

v. Dr. Md.Reyaz Ahmad

Research Associate

Specialization: Public Policy and Governance, Exclusion of Minority (particularly Muslims and Dalits)

Qualification Ph. D (Public Administration)

Experience: 11 Years

3. Visitors to the Centre

i. Prof. Ashwini Mohapatra SIS JNU

ii. Prof. T. P. Singh BHU.

iii. Prof. Sanjay Singh (RMLNU)

iv. Prof. Yagti Chinna Rao (JNU)

v. Prof. Mahendra Pratap Rana (JNU)

4. Details of Book written/edited by faculty members

Dr. Prasamita Mohanty

i. Restructuring Indian Society: Inclusive Education Perspectives, Lakshi Publishing Centre, New Delhi, 2018 **ISBN: 978-93-82120-79-7**

Dr. Md Reyaz Ahmad

ii. Asymmetrical Federalism: Jammu and Kashmir **(**in Press**),** Akhand Publishing House, Delhi-110094 (ISBN: 978-93-88998-44.

5. Details of Book Chapter in edited volume

Dr. Rudra Prasad Sahoo

i. Social Exclusion of Dalit: A Normative Understanding in Indian, *Women : Issue of Exclusion and Inclusion*,, 2018, Alka Singh(ed), Yoking Books, Jaipur, 2018, ISBN: 978-93-87945-15-9.

ii. Social Impact Assessment(and Social Inclusion): A Critique for National Rehabilitation and Resettlement Policy(NRRP)-2007", *Displacement, Impoverishment and Exclusion: Political Economy of Development of India*,, 2018, Sujit Kumar Mishra, R.Siva Prasad ed, Delhi: AAKAR publication, 2018, ISBN 978-93-5002-531-4.

iii. Jaya prakash Narayan's alternative to politics: Reinventing the space for Inclusive social order", Morality and Politics the Perspective of Jayaprakash Narayan, 2019, Prof.Sanjay Paswan & Dr. Pramanshi Jaideva, Janki Prakashan Patna 2019, ISBN No. 978-93-86995-50-0

Dr. Bibekananda Nayak

i. Information &Communication Technology and Women Empowerment In India:, Legal rights of women in India', 2018, Dr. Ajoy kumar Singh,, Academic &Research Publications, Delhi,2018, ISBN:9788193363133

Dr. Sangeeta Krishna

i. Gender Equality, Gender Justice & Violence Against Women : From Rhetoric to Reality , Reinventing Women: Past Present & Future edited by, 2018, R.C Sobti, Kamal Jaiswal, Sudarshan Verma , Shilpi Verma,, BBAU, Lucknow, ISBN: 978-81-932605-0-0.

6. Paper published during the year

i. **Dr. Prasamita Mohanty** (2018), Student Research Convention: Best Practices for Rearing Young Talents Scholarly Research , Journal for Humanity Science & English Language, Vol- 5/25, 2018, Online ISSN 2348-308

ii. Dr. Rudra Prasad Sahoo (2018), Partition, Migration and Liaquat-Nehru Pact (1950): A Historical Analysis of India-Pakistan Relations, *World Focus*, June 2018.

iii. Dr. Rudra Prasad Sahoo (2018), Trump-Kim Singapore Summit: A Step towards CBMs and Denuclearization in Korean Peninsula, *World Focus*, September 2018.

iv. Dr. Rudra Prasad Sahoo (2018), Indus Water Treaty: An Example of India-Pakistan Cooperation, *World Focus*, October 2018

v. Dr. Rudra Prasad Sahoo (2018), Democratic Triumph in Indian Neighbourhood and India's Foreign Policy Response, *World Focus*, Vo. XXXIX, No.12, December 2018

vi. Dr. Rudra Prasad Sahoo (2019), Change of Guard in Maldives and its ramification on China-Maldives Relations, *World Focus*, Vo. No., January 2019.

vii. Dr. Rudra Prasad Sahoo (2019), Pakistan in China's Geo-Strategic Design during Xi Jinping Period: Pros and Cons,, *World Focus*, Vo. No., March 2019.

viii. Dr. Rudra Prasad Sahoo (2019), paper entitled, "Nuclear Weapon and Its Impact on India-Pakistan CBMs (1991-2014): A Critical Appraisal", (Submitted to World affairs Journal)

ix. Dr. Rudra Prasad Sahoo (2019), First India-Pakistan War - 1947-48: A Conceptual Understanding", (Submitted to Economic& Political Weekly).

x. Dr. Rudra Prasad Sahoo (2019), paper entitled, "two plus two dialogue and changing contour in Indo-US relations", (Submitted to Economic& Political Weekly).

xi. Dr. Rudra Prasad Sahoo (2019), Status and Importance of Center for the Study of Social Exclusion and Inclusive Studies (CSSEIP) in Indian Higher Education", submitted to Journal of *Social Action*

xii. Dr. Rudra Prasad Sahoo (2019), "Trade as Confidence Building Measures between India and Pakistan(1991-2014): An Analysis ", Jindal Journal of International affairs

xiii. Dr. Bibekananda Nayak (2018), Social exclusion and health status of Mushar community in Uttar Pradesh : Some Reflection, *Desh Vikash* referred research journal*, Visakhapatnam, 2018, Vol.1, Issue 1(ISSN23941782) UGC Journal Sl.No 44701*

xiv. Dr. Bibekananda Nayak (2018), PMJDY an initiative to social inclusion and empowerment: A Perspective from field, Innovative social Science & Humanities Research*, Lucknow ,2018,Vol.1,Issue 1,(* ISSN2349-1876*) UGC Journal Sl.No* 48941

xv. Dr. Bibekananda Nayak (2018), Women in Indian politics :Issues of participation and Empowerment, Research journal, Visakhapatnam*, 2018, Vol.1, Issue 1, (*ISSN23941782*) UGC Journal Sl. No 44701*

xvi. Dr. Bibekananda Nayak (2018), "National Rural Health Mission in India: Issues and Challenges", Published in UGC Listed Journal No.48836,Shoudh Sarita ,Lucknow,Vol-4,Issue-16,Oct-Dec,2018,ISSN-23482397

xvii. Dr. Bibekananda Nayak (2018), "Educational Inclusive policy for Tribal Residential Ashram School in Odisha :Issues and challenges", Published in UGC Listed Journal No.48836, Shoudh Sarita , Lucknow, Vol-4,Issue-15,July-Sept,2018,ISSN-23482397

xviii. Dr. Bibekananda Nayak (2018), Perception of Health Care Practices among Indigenous People :A Case of Kondh Community, Odisha ", UGC Listed Journal:42301, International Journal of research in Social Sciences,Vol.9,Issue-03(1),March 2019, Impact factor:7.081, ISSN-2249-2496, Page No.664-679,SL No-2433

xix. Dr. Sangeeta Krishna (2018), Dalit Literature From ' Below' Towards Democratic Consciousness , *Asian Journal of Development Matters*, Vol. 12, No.1 (Special Issue) June 2018. ISSN Print:0973-9629, ISSN Online:0976-4674 pp 260-293

xx. Dr. Sangeeta Krishna (2018), Dalit Forging History Through "Orality' As Epistemic Resources: A Study of Mandalis and Non- Mandalis, UGC Care listed Man & Society, Vol XV Winter 2018, ISSN: 2229-4058

xxi. Dr. Sangeeta Krishna (2019), Engaging Ambedkar on Inclusive Discourse: Countering Exclusion towards Social Reconstruction, , UGC-Care List Journal of Indian Association of Social Sciences Institution (IASSI) Quarterly ,Volume 38, No. 1, Jan-March 2019, pp 139-153, ISSN No0970-9061

xxii. Dr. Md. Reyaz Ahmad (2018), ASYMMETRICAL FEDERAL MODE OF ACCOMMODATION IN INDIA; *WITH REFERENCE TO JAMMU AND KASHMIR*, International Journal of Scientific & Innovative Research Studies, ISSN: 2347-7660 (Print) | ISSN: 2454-1818 (Online) Vol (6), No.4, April, 2018, Pp. 79-84. UGC Approved Journal No-48967 Impact Factor: 5.26

xxiii. Dr. Md. Reyaz Ahmad, (2018), Good Governance in India: Reforms in Local-Self Government, Journal of Emerging Technologies and Innovative Research (JETIR) ISSN-2349-5162, May 2019, Vol. 6, Issue 5, Pp.438-451 UGC Approved Journal No- 63975 Impact factor: 5.8

7. Attended Participation in Conference/Seminar/Workshop inside Country

Dr. Bibekananda Nayak

i. ASHA workers and the blurred margins of the State: Reflections on Health Practices among Kondh tribal women in Odisha, Sociality, matter, and the imagination: re-creating Anthropology, 18/09/2018 - 21/09/2018, Association of Social Anthropologists of the UK and common wealth (ASA), University of Oxford, Oxford, London, International.

ii. Ecology and Development : The Changing health care practices of kondh tribe of Odisha, Understanding Tribes in Neo-Liberal Era (9-10th March ,2019), PG department of Anthropology, Utkal University, Bhubaneswar, International.

iii. Structural injustice, marginalised community and poverty: A Sociological study of Odisha, Problem of sectorial scarcity and choice in India March 14th – 15th 2019, ASED and Department of Economics, BBAU, National

iv. Educational inclusion among tribal in India: policy, Issues and challenges, Policy Perspectives and Emerging Issues in Higher Education February 23-24, 2019, Department of Education, BBAU, (23-24 Feb,2019, National

v. NRHM and Digital India : sociological study of Odisha, Emerging Issues on Society, Economy and Governance with Special Reference to Digital India 6th

&7th December 2018, ASED and Giri Institute of Development Studies Lucknow, National

vi. Role of ASHA health worker and public health care practices: A sociological study of Kondh Tribe of Odisha, Health, Well-being and Regional Development: Emerging Issues and Challenges December 10-12-2018, Indian Association for Social Sciences and Health (IASSH) &CSRD JNU New Delhi, National

vii. Dr. Ambedkars Vision on Social Democracy and Nation Building , Dr.Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future. 14-04-2018, Babasaheb Bhimrao Ambedkar University (BBAU), National

Dr. Sangeeta Krishna

i. Recognition of LGBT: A Journey from Social Morality to Constitutional Morality in , National Seminar on Constitutionalism and Constitutional Morality :Contemporary Issues and Challenges, March 26, 2019, Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow, National

ii. Breaking Silence with Me Too Campaign Against Sexual Harassment At Work Place: A New Visibility to Women Voice Through Media in Global World , National Seminar on Law & Justice in Globalised World :Contemporary Issues & Challenges, March 7,2019, Centre for Post Graduate Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, National

iii. Exclusionary Contours and Inclusive Imperatives for LGBT in India: A Human Rights Perspective LGBT, National Seminar on Human Rights of LGBTQ: Law & Judicial Approach March 6, , 2019, Department of Human Rights Babasaheb Bhimrao Ambedkar University, Lucknow, National

iv. Exploring Ambedkar Ideas on Social Justice and Gender in the , National Conference on Dr Ambedkar: Inter-Disciplinary Ideology on Aspirations for the Nation's Better Future April 13-14, 2018, Babasaheb Bhimrao Ambedkar University, Lucknow, National

Dr. Md. Reyaz Ahmad

i. Predicament of public administration; necessities of revamping public personnel management in contemporary india, , National Conference on Contemporary issues in Public Administration, Dr. Ram Manohar Lohia Avadh University, Faizabad on 07-08 July 2018, National

ii. Necessities and preparedness' before the Field-Work, and the Scientific methods to Conduct the Field-Work , In Research Methodology Course: Focus on Computer Applications, organised by the BBAU, Lucknow in Academic, collaboration with Association of the Socio-Economic Development Studies, during October 24- November 02, 2018, National

8. Research Project

Dr. Prasamita Mohanty

i. Major Research Project on Status and Problems of Primary Education of Muslims Minority Girls and Policy Implication – A Study in Selected District of UP Funded by UGC, (05.03.2013-28.11.2018) with grant of Rs. 7,47,600/-

Dr. Bibekananda Nayak

ii. Influence of NRHM on the Health Status

of Scheduled Caste and Scheduled Tribe women: A Case Study in Odisha., ICSSR has sanctioned Major Project, Lecturer-cum -Assistant Director (03/08/2014- 10 September 2018) with grant of Rs. 8,00000/-

8. Details of invited lecture inside the country

Dr. Prasamita Mohanty

i. Invitation for Session Chair on the National Conference "Higher Education in the New Century: Challenges & Opportunities", Dept. Education, BBAU, Lucknow 2018.

Dr Rudra Prasad Sahoo

ii. Invited to deliver a special lecture on Maulana Azad on the occasion of National Education Day organized by Netaji Subash Chandra Bose National Women's Post Graduate College, Aliganj, Lucknow on November 3,2018.:

Dr. Sangeeta Krishna

iii. As Resource Person Delivered Lecture on Mantras of Research Methodology in one week Workshop on Research Methodology, organized by Department of Human Rights, BBAU, Lucknow on April 26, 2019.

Dr. Md. Reyaz Ahmad

iv. Delivered a Special Lecture on the topic *"Necessities and preparedness' before the Field-Work, and the Scientific methods to Conduct the Field-Work"* in Research Methodology Course: Focus on Computer Applications, organised by the BBAU, Lucknow in Academic collaboration with Association of the Socio-Economic Development Studies, during October 24- November 02, 2018

9. Future plan

Expansion of the Department- The utmost and immediate priority would be given to the expansion of academic activities of the Centre. It proposes to undertake the following activities in future.

- Introduction of M.Phil/Ph.D Courses, as well as short-term courses for NGOs/ Local bureaucrats.
- Proposal of Ph. D supervision by eligible faculty members in association with the existing departments of Social Sciences,
- Proposal to engage in a number of outreach activities for empowering especially the rural and illiterate women in nearby regions.
- CBCS Courses will be offered in the CSSEIP
- Proposal to enhance networking and clustering activities with other organisations working on excluded and marginalized groups
- Above all the centre visualises the consolidation of the activities undertaken in the past to develop the Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP) into a larger Multi-disciplinary School of Social Exclusion. Enhanced research / teaching and training, documentation, and counselling / extension activities would constitute the three-pronged approach and units of the School. Such activities would help in creation of new insights and knowledge with socially relevant theories in the field of Dalits, women and minority studies and enable the Centre to play a more sustained and meaningful role in the social transformation of the Indian society.

SCHOOL OF BIOMEDICAL & PHARMACEUTICAL SCIENCES

The School of Biomedical & Pharmaceutical Sciences was formed in 2018 with the 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 in the comtemprary areas of Pharmaceutical Sciences and Microbiology.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

The Department of Pharmaceutical Sciences was established in 2010. It offers M.Pharm and Ph.D. programs in Pharmacology and Pharmaceutics. The permanent faculty members are well qualified and are experts in the field of Pharmaceutical Sciences to enable a holistic environment of learning. The Department is well equipped with state of the art infrastructure and equipments. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell Springer-Verlag. Taylor & Francis and so on. Being placed at Lucknow, networking is possible with institutes like CSIR-CDRI, CSIR-CIMAP, SGPGI and so on. Alumni of the Department are placed in the industry, drug regulatory affairs, teaching and a host of other profiles. The Department has secured Extramural Research Grants from various funding Agencies like ICMR, UGC, SERB, DST and DBT of more than 3.5 crore.

1 Course Offered

i. M.Pharm (Pharmaceutics)

ii. M.Pharm (Pharmacology)

iii. Ph.D. (Pharmaceutics (started in 2012)& Pharmacology (started in 2013)

2. Facilities available in the Department

i. Pharmaceutics Lab I and II

ii. Pharmacology Lab I and II

iii. Pharmaceutical Analysis Lab

iv. Smart Class Rooms

v. Library

vi. Office

vii. Seminar Hall

viii. Computer Lab

4. Details of Faculty

i. Prof. ShubhiniA.Saraf

Professor & Head, Department of Pharmaceutical sciences

Dean, SB&PS/School of Biomedical &Pharmaceutical sciences

Specialization: Pharmaceutics

Qualifications: M.Pharm., Ph.D

ii. Dr. Gaurav Kaithwas

Associate Professor

Specialization: Pharmacology

Qualifications:M.Pharm., Ph.D.

iii. Dr. P.S Rajinikanth

Associate Professor

Specialization: Pharmaceutics

Qualifications:M.Pharm., Ph.D.

iv. Dr. Sudipta Saha

Assistant Professor

Specialization: Pharmacology

Qualifications:M.Pharm., Ph.D.

v. Dr. Vikas Mishra,

Assistant Professor

Specialization: Pharmacology

Qualifications:M.Pharm., Ph.D.

vi. Dr. Sapana Kushwaha

Assistant Professor

Specialization: Pharmacology and Toxicology

Qualifications: M.S.(Pharm), Ph.D

5. Other Departmental level Academic Activities

i. State round of **National Elocution Competition 2018** of Indian Pharmaceutical Association October, 2018

ii. Organized '**Anveshan: Student Research Convention** at university level and sent teams for North Zone Convention.

6. Co-curricular/Extra-curricular/sports Activity by the Department

i. Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drive during National Pharmacy Week.

ii. Celebrated Rashtriya Swatch Bharat Abhiyan. Skit performed in the Junior High School, Aurangabad, Lucknow .Conducted Health awareness program on the occasion of National Pharmacy week- 20th November 2018

iii. A Poster /Collage competition was organized on the theme "Bharat Ratna Dr. B.R Ambedkar and his contribution to India" on occasion 128th Birth Anniversary of Bharat Ratna Bhimrao Ambedkar on 11th April 2019

7. Visitors to the Department from inside the country

i. Mr Naveen Kumar and MrRajendra, Workshop on Particle Size Analysis, 23rd-24th Jan 2019

8. Visitors to the Department from outside the country

i. Dr. Amreen Mughal,LarnerCollege of Medicine, University of Vermont, Department of Pharmacology Burlington (VT) 05401 USA, 27th December 2018

ii. Dr. Nitin Chitranshi,Department of Clinical Medicine, Macquarie University, Australia , 1 March 2019

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

i. Prof. Shubhini A.Saraf

i. Life Member, Indian Pharmaceutical Association (IPA)

ii. Life Member, Indian Pharmaceutical Graduate Association (IPGA)\

iii. Life Member, Association of Pharmacy Teachers of India (APTI)

iv. Life Member, Society of Pharmacovigilance (India) (ISP)

v. Life Member, LASAI

vi. Editorial Advisory Board Member, Current Drug Discovery Technologies

vii. Editor in Chief , International Journal of Science, Technology & Society(A BBAU Journal)

ii. Dr. Gaurav Kaithwas

i. Association of Pharmacy Teachers of India: UPLM- 126

ii. Science Advisory Board, USA- Life Member: 101350

iii. Laboratory Animal Science Association of India: Life Member

iii. Dr. P.S Rajinikanth

i. Malaysian Pharmaceutical Society

ii. Controlled Release Society, Malaysia Chapter

iii. Tamilnadu Pharmacy Council

iv. Indian Pharmaceutical Graduates association

iv. Dr. Vikas Mishra

i. Member, Indian Academy of Neurosciences, India

ii. Member, Society for Neurochemistry, India

iii. Member, Indian Pharmacy Graduates Association, India

Review Editor/ Guest Associate Editor

i. Neuroscience journal

ii. PLOS ONE journal

iii. European Journal of Epilepsy

iv. Frontier journals: Frontiers in Pharmacology, Frontiers in Behavioural Neuroscience, Frontiers in Psychiatry, Frontiers in Neuroscience, Frontiers in Neurology, Frontiers in System Neuroscience

v. Editor, International Journal of Science, Technology and Society(A BBAU Journal)

v. Dr. Sapana Kushwaha

i. Society for Toxicology (STOX), India

ii. Society for Toxicology (SOT), USA,

iii. Editor, International Journal of Science, Technology and Society(A BBAU Journal)

14. Details of Book written/edited by faculty members

Prof. Shubhini A. Saraf

i. The Nature, Health And Wellness Trinity, The way forward for tourism in India, White Falcon Publishing, 978-93-88459-02-02018

15. Details of Book Chapter in edited volume

Prof. Shubhini A. Saraf

i. Ocular Drug Delivery Systems ,2018, in the book In-Vitro and In-Vivo Tools in Drug Delivery Research for Optimum Clinical Outcomes CRC press, Taylor & Francis Group

16. Paper published during the year by the faculty members

Prof. Shubhini A.Saraf

i. M Arya, P Singh, CB Tripathi, P Parashar, M Singh, J Kanoujia, A Guleria, ...Saraf SA, Pectin-encrusted gold nanocomposites containing phytic acid and jacalin: 1, 2-dimethylhydrazine-induced colon carcinogenesis in Wistar rats, PI3K/Akt, COX-2, and serum … *Drug Deliv. and Transl. Res.* (2019) Feb (1), 53-65 **IF 3.094**

ii. CB Tripathi, P Parashar, M Arya, M Singh, J Kanoujia, G Kaithwas ....Saraf SA,Biotin anchored nanostructured lipid carriers for targeted delivery of doxorubicin in management of mammary gland carcinoma through regulation of apoptotic modulator,Journal of liposome research, 2019, Feb 10:1-16.**IF 2.576**

iii. Arya M, Mishra N, Singh P, Tripathi CB, Parashar P, Singh M, Gupta KP, Saraf SA, In vitro and in silico molecular interaction of multiphase nanoparticles containing inositol hexaphosphate and jacalin: Therapeutic potential against colon cancer cells (HCT-15).*J Cell Physiol*. 2019 Jan 29. **IF 3.923**

iv. Poonam Parashar, Chandra BhushanTripathi,Malti Arya ,JovitaKanoujia,Mahendra Singh , Abhishek Yadav ,Shubhini A. SarafA facile approach for fabricating CD44-targeted delivery of hyaluronic acid-functionalized PCL nanoparticles in urethane-induced lung cancer: Bcl-2, MMP-9, caspase-9, and BAX as potential markers, *Drug Deliv. and Transl. Res*. (2019) 9:37–52, , **IF 3.094**

v. Anand, A., Arya, M., Kaithwas, G., Singh, G., &Saraf, S. A. (2019). Sucrose stearate as a biosurfactant for development of rivastigmine containing nanostructured lipid carriers and assessment of its activity against dementia in C. elegans model. Journal of Drug Delivery Science and Technology, 49, 219-226. doi:10.1016/j.jddst.2018.11.021, **IF 2.297**

vi. Rajnish Kumar Yadav, Chandra BhusanTripathi, Shubhini A. Saraf, Mohd Nazam Ansari, Abdulaziz S. Saeedan, Sara Aldosary, Paruvathanahalli S. Rajinikanth, Gaurav Kaithwas,Alpha-linolenic acid based nano-suspension protect against lipopolysaccharides induced mastitis by inhibiting NFêBp65, HIF-1á, and mitochondria-mediated apoptotic pathway. Toxicology and Applied Pharmacology,2019,114628,**IF 3.585**

vii. Jaya Agnihotri, Priyanka Maurya, Shobhna Singh, Shubhini A Saraf,Biomimetic Approaches for Targeted Nanomedicine: Current Status and Future Perspectives,*Current Drug Therapy*2019,(14)1, 3-15

viii. M Arya, P Singh, CB Tripathi, P Parashar, M Singh, J Kanoujia, A Guleria, ...SA SarafPectin-encrusted gold nanocomposites containing phytic acid and jacalin: 1, 2-dimethylhydrazine-induced colon carcinogenesis in Wistar rats, PI3K/Akt, COX-2, and serum … *Drug Deliv. and Transl. Res*. (2019) **9 (1), 53-65IF 3.111**

ix. Parashar, Poonam; Diwaker, Naresh; Kanoujia, Jovita; Singh, Mahendra; Yadav, Abhishek; Singh, Indu; Saraf, Shubhini A; In situ gel of lamotrigine for augmented brain delivery: development characterization and pharmacokinetic evaluation,Journal of Pharmaceutical Investigation,April 2019

x. Parashar, Poonam; Tripathi, Chandra Bhushan; Arya, Malti; Kanoujia, Jovita; Singh, Mahendra; Yadav, Abhishek; Kaithwas, Gaurav; Saraf, Shubhini A; A synergistic approach for management of lung carcinoma through folic acid functionalized co-therapy of capsaicin and gefitinib nanoparticles: Enhanced apoptosis and metalloproteinase-9 down-regulationPhytomedicine, 53, 107-123. doi:10.1016/j.phymed.2018.09.013, **IF4.180**

xi. Kumar, Arun; Kushal, S; Saraf, Shubhini A; Singh, Jay Shankar; Microbial biofuels: A solution to carbon emissions and energy crisis,Front Biosci-Landmrk, 23,2018,1789-1802

xii. Parashar, Poonam; Rana, Preeti; Dwivedi, Monika; Saraf, Shubhini A; Dextrose modified bilosomes for peroral delivery: improved therapeutic potential and stability of silymarin in indiethylnitrosamine-induced hepatic carcinoma in rats, Journal of liposome research, Jan, 2019**IF2.507**

Dr. Gaurav Kaithwas

i. Singh L, Aldosary S, Saeedan AS, Ansari MN, **Gaurav Kaithwas**. Prolyl hydroxylase 2: a promising target to inhibit hypoxia-induced cellular metabolism in cancer cells. Drug discovery today. 2018 May 14. **(IF-6.84)**

ii. Roy S, Singh M, Sammi SR, Pandey R, **Gaurav Kaithwas**. ALA mediated biphasic downregulation of á 7nAchR/ HIF 1á along with mitochondrial stress modulation strategy in mammary gland chemoprevention. Journal of cellular physiology. 2019 Apr; 234(4):4015-29. **(IF-3.93)**

iii. **Gaurav Kaithwas**, RAWAT JK, Roy S, Singh M, Gautam S, Yadav R, Ansari MN, Aldossary SA, Saeedan AS. Transcutaneous vagus nerve stimulation regulates the cholinergic anti-inflammatory pathway to counteract 1, 2-dimethyl hydrazine induced colon carcinogenesis in albino wistar rats. Frontiers in Pharmacology. 2019; 10:353.**(IF- 3.83)**

iv. SwetlanaGautam, Atul K. Rawat, Shreesh R. Sammi, Subhadeep Roy, Manjari Singh, Uma Devi, Rajnish K. Yadav, Lakhveer Singh, Jitendra K. Rawat, Mohd N. Ansari, Abdulaziz S. Saeedan, Dinesh Kumar, Rakesh Pandey and **Gaurav Kaithwas,** "DuCLOX-2/5 Inhibition Attenuates Inflammatory Response and Induces Mitochondrial Apoptosis for Mammary Gland Chemoprevention". Front Pharmacol. 2018 Apr 6; 9:314 **(IF 3.83).**

v. Parashar P, Tripathi CB, Arya M, Kanoujia J, Singh M, Yadav A, **Kaithwas G**, Saraf SA. A synergistic approach for management of lung carcinoma through folic acid functionalized co-therapy of capsaicin and gefitinib nanoparticles: Enhanced apoptosis and metalloproteinase-9 down-regulation. Phytomedicine. 2019 Feb 1;53:107-23. **(IF 3.60).**

vi. Arya M, Singh P, Tripathi CB, Parashar P, Singh M, Kanoujia J, Guleria A, **Kaithwas G**, Gupta KP, Saraf SA. Pectin-encrusted gold nanocomposites containing phytic acid and jacalin: 1, 2-dimethylhydrazine-induced colon carcinogenesis in Wistar rats, PI3K/Akt, COX-2, and serum metabolomics as potential targets. Drug delivery and translational research. 2019 Feb 15;9(1):53-65. **(IF 3.395).**

vii. Anand A, Arya M, **Kaithwas G**, Singh G, Saraf SA. Sucrose stearate as a biosurfactant for development of rivastigmine containing nanostructured lipid carriers and assessment of its activity against dementia in C. elegans model. Journal of Drug Delivery Science and Technology. 2019 Feb 1;49:219-26. **(IF 2.297).**

viii. Gautam S, Rani S, Aldossary SA, Saeedan AS, Ansari MN, **Gaurav Kaithwas,** Effects of phenidone (DuCLOX-2/5

inhibitor) against N-methyl-N-nitrosourea induced mammary gland carcinoma in albino rats. Toxicology and applied pharmacology. 2018 Jul 15; 351:57-63. **(IF-3.616).**

ix. Tripathi CB, Parashar P, Arya M, Singh M, Kanoujia J, **Kaithwas G**, Saraf SA. QbD-based development of á-linolenic acid potentiated nanoemulsion for targeted delivery of doxorubicin in DMBA-induced mammary gland carcinoma: in vitro and in vivo evaluation. Drug delivery and translational research. 2018 Oct 1;8(5):1313-34. **(IF-3.395.**

x. Shreesh Raj Sammi, Jitendra K. Rawat, Neetu Raghav, Ajay Kumar, Subhadeep Roy, Manjari Singh, SwetlanaGautam, Rajnish K. Yadav, Uma Devi, Rakesh Pandey, **Gaurav Kaithwas,** "Galantamine attenuates N, N-dimethyl hydrazine induced neoplastic colon damage by inhibiting acetylcholinesterase and bimodal regulation of nicotinic cholinergic neurotransmission". European Journal of Pharmacology 818 (2018) 174–183 **(IF-3.04).**

xi. Rajnish Kumar Yadav, Manjari Singh, Subhadeep Roy, Mohd. Nazam Ansari, Abdulaziz S. Saeedan, **Gaurav Kaithwas,** "Modulation of oxidative stress response by flaxseed oil: Role of lipid peroxidation and underlying mechanisms" Prostaglandins and Other Lipid Mediators 135 (2018) 21–26. **(IF-2.99).**

xii. Manjari Singh, Uma Devi, Subhadeep Roy, Pushpraj S Gupta, **Gaurav Kaithwas,** "Chemical activation of prolyl hydroxylase-2 by BBAP1 down regulates hypoxia inducible factor-1á and fatty acid synthase for mammary gland chemoprevention". RSC Adv., 2018, 8, 12848 **(IF-2.93).**

xiii. SwetlanaGautam, Priyanka Singh, Manjari Singh, Subhadeep Roy, Jitendra K. Rawat, Rajnish K. Yadav, Uma Devi, Pushpraj S. Gupta, Shubhini A. Sarafa and **Gaurav Kaithwas*.** "Rifaximin, a pregnane X receptor (PXR) activator regulates apoptosis in a murine model of breast cancer". RSC Adv., 2018, 8, 3512–3521 **(IF-2.93).**

xiv. Vidhata Rani, SwetlanaGautam, Jitendra K. Rawat, Manjari Singh, Uma Devi, Rajnish K. Yadav, Subhadeep Roy, **Gaurav Kaithwas,** "Effects of minocycline and doxycycline against terbutaline induced early postnatal autistic changes in albino rats". Physiology & Behavior 183 (2018) 49–56 **(IF-2.51**).

xv. Devi U, Singh M, Roy S, Gupta PS, Ansari MN, Saeedan AS, **Gaurav Kaithwas,** Activation of prolyl hydroxylase 2 for stabilization of mitochondrial stress along with simultaneous downregulation of HIF 1á/FASN in ER+ breast cancer subtype. Cell Biochemistry and Function. 2019. **(IF-2.186)**

xvi. Rajnish K Yadav, Jitendra K Rawat, SwetlanaGautam, Manjari Singh, Manish Kumar, Uma Devi, Subhadeep Roy, Shubhini A Saraf, **Gaurav Kaithwas,** "Antidiabetic activity of mefloquine via GLP-1 receptor modulation against STZ–NA-induced diabetes in albino wistar rats". 3 Biotech. 2018 May; 8(5):240 **(IF-1.49).**

xvii. Al-Saeedan AS, Gautam V, Ansari MN, Singh M, Yadav RK, Rawat JK, Devi U, Gautam S, Roy S, **Gaurav Kaithwas**. Revisiting the systemic

lipopolysaccharide mediated neuroinflammation: Appraising the effect of L-cysteine mediated hydrogen sulphide on it. Saudi pharmaceutical journal. 2018 May 1;26(4):520-7. **(IF-3.11).**

Dr. P.S. Rajinikanth

i. Kumarappan Chidambaram, P.S.Rajinikanth, Kumar Venkatesh ,Senthilraja Dharmalingam, Thiagarajasellpan. In-vitro inhibitory effect of polyphenolic wxtract of IchnocarousFrutescens on carbohydrarate digestive enzymes. **Advances in Pharmacology and Pharmacy,** 7 (1) . 2019, 14-21.

ii. Manish Kumar and NithyaShanthi, P.S.Rajinikanth. Preparation of Luliconazole nanocrystals for improvement of dissolution and natifungal activity,**Heliyon**, 2019 5(5),1-11.

iii. Rajnish Kumar Yadav, Chandra BhusanTripathi, Shubhini A Saraf, MohdNazam Ansari, Abdulaziz S Saeedan, Sara Aldosary, Paruvathanahalli S Rajinikanth, Gaurav Kaithwas.Alpha-linolenic acid based nano-suspension protect against lipopolysaccharides induced mastitis by inhibiting NFêBp65, HIF-1á, and mitochondria-mediated apoptotic pathway. **Toxicology and applied pharmacology, 377, 2019, 114628.**

iv. Poonguzhali Subramanian, P. S. Rajnikanth, Manish Kumar, Kumarappan Chidambram In-Vitro and In-Vivo Evaluation of Supersaturated Self-Nanoemulsifying Drug Delivery System (SNEDDS) for Dutasteride, **Current drug delivery** , 2019 (Accepted)

Dr. Sudipta Saha

i. V Raj, AS Bhadroria, AK Singh, U Kumar, A Rai, AK Keshari, P Kumar, D Kumar, B Maity, S Nath, A Prakash, KM Ansari, JL Jhat, **S Saha***. Novel 1,3,4-thidiazoles inhibit colorectal cancer via inhibition of IL-6/COX-2 mediated JAK2/STAT3 signals as evidenced through data based mathematical modelling. Accepted manuscript, 2018, Cytokine, ID: CYTO-18-112. **(Impact Factor: 3.514).** ISSN No. 1043-3666. (Publisher: Elsevier)

ii. AK Singh, U Kumar, V Raj, A Rai, P Kumar, AK Keshari, D Kumar, B Maity, S Nath, A Prakash, **S Saha***. Novel Indole-fused benzo-oxazepines (IFBOs) obliterate hepatocellular carcinoma through IL-6/JAK2/STAT3 oncogenic signaling blockade. **Nature Scientific Reports, 2018, 8, 5932, 1-13. (Impact Factor: 4.259)** (ISSN no. 2045-2322). (Publisher: Springer nature)

iii. P Kumar, AK Singh, V Raj, A Rai, A Kesari, D kumar, B Maity, S Nath, A Prakash, S Maiti, **S Saha***. Poly(lactic-co-glycolic acid)-loaded nanoparticles of betulinic acid for improved treatment of hepatic cancer: characterization, in vitro and in vivo evaluations. **International Journal of Nanomedicine, 2018, 13, 975-990. (Impact Factor: 4.31)** (ISSN no. 1178-2013). (Publisher: Dove Press)

iv. AK Singh, AS Bhadauria, U Kumar, V Raj, V Maurya, D Kumar, B Maity, A Prakash, A De, A Samanta,**S Saha***. Novel Indole-fused benzo-oxazepines (IFBOs) obliterate hepatocellular carcinoma through IL-6/JAK2/STAT3 oncogenic signaling blockade. **Life Sciences, 2018, 201, 161-172. (Impact Factor: 3.448).** ISSN No. 0024-3205. (Publisher: Elsevier).

v. P Mishra, V Raj, AS Bhadauria, AK Singh, A Rai, P Kumar, AK Keshari, A De, A Samanta, U Kumar, D Kumar, B Maity, S Nath, A Prakash, KM Ansari, **S Saha**, 6,7-dimethoxy-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid attenuates colon carcinogenesis via blockade of IL-6 signals. **Biomedicine and Pharmacotherapy**, 2018, 100, 282-295. (**Impact Factor: 3.743**) (ISSN no. 0753-3322). (Publisher: Elesvier)

vi. S Chakraborti , A Pramanick , **S Saha** , SS Roy , AR Chaudhuri , M Das, S Ghosh , AM Stewart, B Maity. Atypical G protein â5 promotes cardiac oxidative stress, apoptosis, and fibrotic remodeling in response to multiple cancer chemotherapeutics. **Cancer Research, 2018, 78(2), 528-541**. (**Impact Factor: 9.329) (ISSN no. 0008-5472)**. (Publisher: American Association for Cancer Research)

vii. AK Singh, V Raj, A Kesari, A Rai, P Kumar, A Rawat, D kumar, B Maity, S Nath, A Prakash, A De, A Samanta, B Bhattacharya, **S Saha***. Isolated mangiferin and naringenin exert antidiabetic effects via PPAR$_{\hat{a}}$/GLUT-4 dual agonistic action with strong metabolic regulation. **Chemico-Biological Interactions, 2018, 280, 33-44. (Impact Factor: 3.407)** (ISSN No. 0009-2797). (Publisher: Elsevier)

viii. A Rai, AK Singh, V Raj, **S Saha***. 1,4Benzothiazines: A biologically active scaffold. **Mini Reviews in Medicinal Chemistry, 2018, 18(1), 42-57. (Impact Factor: 2.842)** (ISSN No. 1875-5607). (Publisher: Bentham Science)

ix. A Rai, U Kumar, V Raj, AK Singh, P Kumar, AK Keshari, D Kumar, B Maity, A De, A Samanta, S Nath, A Prakash, SB Gosipatala, G Chand, **S Saha***. Novel 1,4-benzothazines obliterate COX-2 mediated JAK-2/STAT-3 signals with potential regulation of oxidative and metabolic stress during colorectal cancer. **Pharmacological Research, 2018, 132, 188-203.** (**Impact Factor: 5.547**) (ISSN No.: 1043-6618). (Publisher: Elsevier)

x. CB Tripathi, N Gupta, P Kumar, AK Singh, V Raj, P Parashar, M Singh, J Kanoujia, M Arya, SA Saraf, **S Saha***. w-3 fatty acid synergized nanoemulsifyning system for rosuvastatin delivery: *in vitro* and *in vivo* evaluations. AAPS PharmSciTech, 2018, 19, 1205-1218. (Impact factor: 2.666) (ISSN No. 1530-9932) (Publisher: Springer)

xi. P Kumar, AS Bhadauria, AK Singh, **S Saha***. Betulinic acid as apoptosis activatior: Molecular mechanism, mathmetical modeling and chemical modification. **Life Sciences, 2018, 209, 24-33. (Impact Factor: 3.448).** ISSN No. 0024-3205. (Publisher: Elsevier

xii. S Singh, SA Siddhiqui, S Tripathi, S Kumar, **S Saha**, R Ugale, DR Modi, A Prakash*. Decreased level of histone acetylation in the infralimbic prefrontal cortex following immediate extinction may result in deficit of extinction memory. Brain Research Bulletin, 2018, 140, 355-364. **(Impact Factor: 3.440).** ISSN No. 1043-3666. (Publisher: Elsevier).

xiii. V Raj, A Rai, AK Singh, AK Keshari, P Trivedi, B Ghosh, U Kumar, D Kumar, **S Saha***. Discovery of Novel 2-Amino-5-(Substituted)-1,3,4-Thiadiazole Derivatives: New Utilities for Colon Cancer Treatment. **Anti-cancer Agents in Medicinal Chemistry, 2018, 18, 718-738** (**Impact Factor: 2.72**). (ISSN No. 1871-5206). (Publisher: Bentham Science)

xiv. J Banerjee, A Das, M Sinha, **S Saha**, Biological efficacy of medicinal plant extract in preventing oxidative stress. **Oxidative Medicine and Cellular Longevity, 2018, Article ID 7904349, 2 pages (Impact Factor: 4.868**). (ISSN No. 1942-0900). (Publisher: Hindawi)

xv. A Rawat, S Chaturvedi, AK Singh, A Guleria, D Dubey, AK Keshari, V Raj, A Rai, A Prakash, U Kumar, D Kumar, **S Saha***. Metabolomics approach discriminates toxicity index of Pyrazinamide and its metabolic products; Pyrazinoic acid and 5-Hydroxy Pyrazinoic acid. **Human & Experimental Toxicology, 2018, 37(3), 373-389.** (**Impact Factor: 1.802**) (ISSN No. 0960-3271) (Publisher: Sage)

Dr. Vikas Mishra

i. Pharmacological evaluation of *SaccharumOfficinarum* Linn. as anti-ulcer agent" PrekshaDwivedi, **Vikas Mishra**, Vipul Agarwal and TalhaJawaid. International Journal of Science, Technology and Society 4 (1-2): 58-61 (2018)

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

Prof. ShubhiniA.Saraf

i. Cell line: Development, Maintenance and Applications" Short term hands-on training program September 24th October-1st November 2018, ICAR-NBFGR, Lucknow

Dr. Sapana Kushwaha

i. Attended as a participant in International Women's Day Symposium organized by Committee of Basic facilities for women, BBAU, Lucknow, India (8 March 2019).

ii. Participated as delegate in Women Scientists and Entrepreneurs Conclave (WSE) conducted by India International Science Festival (IISF), Lucknow, India (7-8 October, 2018).

iii. Completed one month orientation programme-130 organized by UGC-Human resource development centre, University of Lucknow, India (22 Oct 2018-20 Nov. 2018).

iv. Attended two weeks Faculty Development Programme organized by BBAU, Lucknow, India(4 -18 January, 2018).

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

Prof. Shubhini A. Saraf

i. Leadership for Academicians Program (LEAP) offered by IIT (BHU) in collaboration with Penn State, USA, 25 February, 2019 - 15 March, 2019

19. Details of invited lecture inside the country:

Prof. Shubhini A.Saraf

i. Appraisal of surface modified nanoformulation of herbal actives Cutting Edge Technologies in Herbal Medicine,20th-21st April 2018,Adarsh Vijendra Institute of Pharmaceutical Sciences (AVIPS) Shobhit University, Gangoh , Saharanpur

ii. Current Scenario:Avenues and Oppurtunities for Pharmacy Graduates National Pharmacy Week 2018, 20-24th

Nov , 2018 Era College Of Pharmacy, Era University, Lucknow

iii. Molecular pharmaceutics,Training the trainers ,PCI sponsored program, 29th-31stAugust 2018 Amity University and PCI

iv. Strengthening and enabling ethical research and writing, One week workshop on research methodology, 22-26 May2019, BBAU, Lucknow

Dr. Gaurav Kaithwas

i. Effect of plant lipids based nanosuspension on preclinical and clinical mastitis in Faculty Development Program, 2019 at KIET Group of Institutions, Ghaqziabad, GBTUniversity

ii. Introduction to Patents and Their Applications in National Pharmacy Week 2018 at Deparment of Pharmaceutical Sciences, Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology & Sciences, Allahabad

Dr. Vikas Mishra

i. "Application of molecular biology tools in pharmaceutical research and drug discovery" in a workshop on 'Drug Design & Drug Discovery' organized by IFTM University Moradabad, U.P on August 14, 2019.

Details of patents filled/awarded

i. AK Singh, S Saha, AK Kesari, **SA Saraf**, D Kumar, A Prakash, "Indolo Fused Pyrido-oxazepine and its derivatives for the Treatment of Hepatocellular Carcinoma" Indian Patent Application (2016), Number: 201611016493. (Evaluation ongoing)

ii. **1. Gaurav Kaithwas**, Daksh Bhatia. PerillaFrutesscens Fixed oil: Efficacy against Bovine Mastitis. No.: 560/DEL/ 2013. (**Reply to Second report submitted**)

iii. Nikilesh Kumar, Ram Naresh Bhargava, **Gaurav Kaithwas**. Disinfecting and cleansing composition of L. usitattissimum Fixed oil. No. 1905/DEL/ 2013. (**Reply to first report submitted**)

iv. **Gaurav Kaithwas,** Alpha linolenic acid based Nanosuspension for treatment of bovine Mastitis **(filed on 13.8.10)**

v. AK Singh, **S Saha**, AK Kesari, SA Saraf, D Kumar, A Prakash, "Indolo Fused Pyrido-oxazepine and its derivatives for the Treatment of Hepatocellular Carcinoma" Indian Patent Application (2016), Number: 201611016493. (Evaluation ongoing)

vi. AK Kesari, **S Saha**, AK Singh, V Raj, A Rai. 5H-benzo[h]thiazolo[2,3-b]quinazolines containing nitrogen bridgehead as an anti-hepatocellular carcinogenic agent. Indian Patent Application (2016), Number 201611032810.

vii. AK Singh, **S Saha**, AK Keshari, V Raj, A Rai, P Kumar. 5Hbenzo[2,3] [1,4]thiazepino-1-[5,6- b]indoles for the treatment of liver cancer. Indian Patent Application (2017), Number 201711026168.

viii. Sabyasachi Sanyal, Harish Kumar, Naibedya Chattopadhyay, Ravishankar Ramachandran, Arun Kumarv Trivedi, Sonal Shree, Anagha Ashok Gurjar, Sourav Chattopadhyay, **Sapana Kushwaha**, Abhishek Kumar Singh, Shikha Dubey, Kiran Lata, Riyazuddin Mohammed, Jiaur Rahaman Gayen.

'Combination of Clofazimine and Imatinib for Effective Therapy of Drug-Resistant Myeloid Leukemia'. **Patent Application No.:** PCT international application no. 16/117,156 ***(Filed)***

ix. Naibedya Chattopadhayay, Subhashis Pal, Sudhir Kumar, Ramakrishna Eppalapally, Padam Kumar, **Sapana Kuswaha**, Jiaur Rahaman Gayen, Riyazuddin Mohammed, Sabyasachi Sanyal, Anagha Gurjar, Prabhat Ranjan Mishra, Naresh Mittapelly, Kamal Ram Arya, Brijesh Kumar, Srikanta Rath, Arun Kumar Trivedi and Maurya Rakesh, 'Bioactive Extract, Fraction of Cassia Occidentalis and Formulation thereof for Bone Regeneration'. **Patent Application No.:** 201811021504 ***(Filed)***

20. Details of Research Projects (major/ minor):

i. **Prof. Shubhini A. Saraf :**Development & Characterization of Inositol Hexaphosphatenanoparticals for targeted drug delivery to colon for deterrence of preneoplastic damage and cancer therapy, ICMR, 2017-20

ii. **Dr. Gaurav Kaithwas:** DST-SERB project **:**Ministry of Food Processing Industries (MOFPI)

iii. **Dr. Sudipta Saha:**DST-SERB Major Research Project

iv. **Dr. Vikas Mishra**UGC BSR Research Start Up Grant for project titled "Role of central pro-inflammatory cytokines in modulating cardiac function and EEG-ECG Interaction dynamics in chronic stress" of amount 10 lakh Rs from period 2019-2021

v. **Dr. Sapana Kushwaha**, UGC Basic start up grantentitled ""Mechanistic study of skeletal muscle loss in diabetic rat: Pharmacological/Nutraceutical Intervention(s)" 2019-21 **Grant Amount:** 10 lakhs

21. Students achievements

I. Ph. D Awarded during the year.

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
1.	Chandra Bhushan Tripathi	Prof. Shubhini A. Saraf	--	Development and Characterization of Targeted Nanoparticulate System for Tumor Metastasis Inhibition.	UGC NON-NET
2.	Malti	Prof. Shubhini A. Saraf	Dr. KP Gupta	"Development and Characterization of Targeted Green Nanotechnology Based Delivery System(s) for Cancer Therapy"	RGNF
3.	Poonam Parashar	Prof. Shubhini A. Saraf		Assessment of Drug Delivery and Anticancer Activity of Multikinase inhibitor in Lung Cancer	RGNF

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
4	Shubadeep Roy	Dr. Gaurav Kaithwas		Effectiveness of Alpha linolenic acid(ALA) and Gamma linolenic Acid(GLA) on ER positive mammary gland carcinoma and redefining its mechanism of action through mitochondria mediated death apoptosis pathway	DST-Project
5	ShwetlanaGautam	Dr. Gaurav Kaithwas		Modulating Cyclooxygenase And Lipoxygenase Pathway In Cancer Chemoprevention	RGNF
6	Manjari Singh	Dr. Gaurav Kaithwas		Modulating Prolyl Hydroxylase (PHD2) activity to alter Glycolytic Pathway and Fatty acid Synthase Expression in Tumor Cells.	RGNF
7	Amit Kumar Keshri	Dr. Sudipta Saha		"Design, Synthesis and pharmacological screening of novel substituted thiazolo(3,2-a) pyrimidine and thiazolo (2,3-b) quinazoline derivatives	UGC Non-NET
8	Ashok Kumar Singh	Dr. Sudipta Saha		"Design, Synthesis and pharmacological screening of novel Indole fused benzo pyridohetrorazepines"	UGC Non-NET

II. Ph. D student's Pursuing

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
1.	Priyanka Maurya	Prof. Shubhini A. Saraf	--	Formulation and Development of Surface Functionalized Hybrid Nanoparticles for Alveolar Macrophage Targeting	UGC Non NET

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
2.	Samipta Singh	Prof. Shubhini A. Saraf	--	Development and Characterization of Breast Tumor Specific Surface–functionalized Nanoformulation	UGC Non NET
3	Ravi Raj Pal	Prof. Shubhini A. Saraf		Optimization of Molecular Target Oriented Nanoparticles for Amelioration of Chronic Inflammatory Diseases	UGC Non NET
4	RaquibunNisha	Prof. Shubhini A. Saraf		Formulation and Development of Nanotherapeutics System Utilizing Surface-engineered Approach for Cancer Cell Specificity	UGC Non NET
5	Neelu Singh	Prof. Shubhini A. Saraf	--	Fabrication and Characterization of Receptor Mediated Nanocarrier(s) for the Treatment of Inflammatory Arthritis	UGC Non NET
6	Nidhi Mishra	Prof. Shubhini A. Saraf	--	Formulation and Appraisal of Nano Drug Delivery System(s) of Bioactive Compounds for Enhanced Antineoplastic Potential	DST INSPIRE
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	Lakhveer	Dr. Gaurav Kaithwas	--	Upregulating PHD2 Activity to Downregulate HIF-1 And Subsequently FASN in Mammary Gland Carcinoma	UGC Non NET
9	Soniya Rani	Dr. Gaurav Kaithwas	--	Elaborate the Transcriptional Activity of HIF-1 α (Hypoxia-Inducible Factor-1 α) through C-Transactivation Domain (C-TAD) in Cellular Hypoxia	UGC Non NET

Sl. No.	Students	Guide	Co-guide	Title	Fellowship availed/ availing
10	Shubham Rastogi	Dr. Gaurav Kaithwas	--	Chemical Induction and Role of Prolylhydroxylase-2(PHD2) toInhibit HIF-1α Mediated Glycolysis, Fatty Acid Synthesis and Angiogenesis	DST INSPIRE
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	UGC Non NET
13	Payal Deepak	Dr. P.S Rajinikanth	--	Ligand based nanocarrier therapy for Hepatocellular carcinoma (HCC)	UGC Non NET
14	SnehaAnand	Dr. P.S Rajinikanth	--	Development and Evaluation of Biomaterial based Nanofibrous Scaffold for Diabetic Wound Healing	UGC Non NET
15	Pranesh Kumar	Dr. SudiptaSaha	--	Enhancement of oral biovailability and antiproliferative potential of betulinic acid by PLGA loaded nanoparticle approach	DST INSPIRE
16	Vipul Ararwal	Dr. Vikas Mishra	--	A Study on the Role of Proinflammatory Cytokines and their Modulationby Cholinergic Activity in Chronic Stress Induced Cardiac Dysfunction	UGC Non NET
17	Anand Kumar	Dr. Sapana Kushwaha	--	Effect of Pharmacological Intervention(s) in Skeletal Muscle of Diabetic rat	UGC Non NET

II. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	**Masters**	**24**
Number of Student selected in Civil Services	**NA**	
Number of student pursuing higher studies	**09**	
Number of student selected on other government jobs/banking/school teaching etc	**GovtJob**	**03**
	Teaching	**08**
	Job	**06**
	Projects	**3**
Number of Students placed through campus interview	**05**	
Number of student awarded SLET/NET/JRF/any other fellowship	09 (GATE/GPAT fellowship) 3 UGC-NET	

22. Any other special achievements recorded by the students:

i. Ashok K Singh- Selected as a post Doc fellow at Penn-State University, USA, 2019

ii. Shubhadeep Selected as a post Doc fellow at IIT Delhi,2019

iii. ShubhamKotnala - M. Pharm. (Pharmaceutics) runner-up in National Elocution Competition (U.P. State level) organized by Indian Pharmaceutical Association, 2018.

iv. Ms. Malti- Ph. D. Scholar – Participation at Inter University level and won Anveshan – North Zone finals (2nd prize)

v. Participation at Inter University level in A poster collage Competition is being organized on the theme Bharat Ratna Dr. B.R Ambedkar and his Contribution of India

· Jaibhim (M.Pharm-Pharmacology) –1st Prize

· Maan Singh (M.Pharm-Pharmaceutics) – 2nd Prize

· YashiAgarwaal (M.Pharm Pharmaceutics) – 3rd Prize

vi. Most of the students of pharmacy are recipients of scholarships/student fellowships for their M. Pharm education through GATE/GPAT.

vii. Ms. Priyanka MauryaPh. D. Scholar won 3rd Prize in oral Presentation in theSymposium held at the NIPER-Raebareli Lucknow

23. Student publications

S. No.	Name of Student/Scholar	Papers in UGC listed journal
1	Chandra BhushanTripathi	02
2	Malti	03
3	Poonam Parashar	04

S. No.	Name of Student/Scholar	Papers in UGC listed journal
4	Shubadeep Roy	01
5	ShwetlanaGautam	03
6	Manjari Singh	01
7	Jitendra Kumar Rawat	01
8	Rajneesh Kumar Yadav	02
9	Amit Rai	01
10	Ashok Kumar Singh	04
11	Pranesh	03

11. Google profile of the faculty members :

i. Prof. Shubhini A. Saraf.-

a) Total Citation : 2000
b) H index : 22
c) I10 : 54

ii. Dr. Gaurav Kaithwas

a) Total Citation : 943
b) H index : 17
c) I10 : 31

iii. Dr P.S. Rajinikanth

a) Total Citation : 733
b) H index : 12
c) I10 : 13

4. Dr. Sudipta Saha

a) Total Citation : 549
b) H index : 14
c) I10 : 18

5. Dr. Sapna Kushwaha

a) Total Citation : 379
b) H index : 10
c) I10 : 11

6. Dr Vikas Mishra

a) Total Citation : 542
b) H index : 11
c) I10 : 11

DEPARTMENT OF MICROBIOLOGY

Department of Environmental Microbiology was initially sanctioned as an Innovative Project for M.Sc. Environmental Microbiology under Environmental Sciences from the Session 2007-2008. It was sanctioned as an independent department by UGC in the year 2010 under School for Environmental Sciences. 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. These courses namely M.Sc. in Industrial Microbiology & M.Sc. in Food Microbiology and Toxicology take care of the applied aspects of Microbiology and are industry and job oriented. The department also runs Integrated B.Sc.- M.Sc. Basic Sciences course. At present, there are two Professors and seven Assistant Professors in the department with diverse fields of specialization namely Microbial Ecology, Bioremediation and Meta genomics, Rhizosphere Microbiology, Bio pesticides, 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. Microorganisms play several vital roles in the environment, which maintain the sustainability of the ecosystems. Due to ever-increasing population and industrialization there is ever increasing pressure on the natural resources. Microorganisms can provide answers to several questions and problems such as environmental pollution, removal of toxic and recalcitrant compounds, food security, can lead to sustainable agriculture by acting as bio fertilizers and bio pesticides, removal of wastes and bioremediation of ecosystems. The focus of the Department is to combat the diverse problems of the environment as microbes can provide the solutions to several of them. The emphasis of research in the Department is on utilizing microbes for enhancing crop yields in eco-friendly manner, biodegradation of industrial wastes, bioremediation of polluted ecosystems, optimization of technology for detoxification of distillery and pulp paper mill waste and microbe based foods for food security. The Department has research grants from DST, DBT, and CST. The department is also included in the FIST Programme of Department of Science and Technology, Government of India, New Delhi at Level 1 and a grant of Rs. 28 lakhs has been sanctioned under the scheme. In future the Department vows to create excellence in the field of bioremediation 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 are organized in the department during weekend in which students give presentation on their assigned topics related with topics in environmental microbiology. The students of final semester also have to carry out dissertation work in which they get to know about how to pursue minor research projects.

1. Course Offered:

i. M. Sc. (Environmental Microbiology)

ii. M. Sc. (Food Microbiology and Toxicology)

iii. M.Sc.(Industrial Microbiology)

iv. Integrated B.Sc. - M.Sc. (Basic Sciences)

v. Ph.D.

3. Details of the faculty

i. Prof. Rajesh Kumar

Professor & Head

Specialization: Environmental Microbiology and Biotechnology

Qualification:M. Sc.,Ph. D. Microbiology

ii. Prof. Ram Chandra

Professor & Dean

Specialization: Bioremediation and Metagenomics

Environmental Biotechnology

Qualification:M.Sc. Ph.D.

iii. Dr. V. S. Baghel

Assistant Professor

Specialization: Environmental Microbiology

Qualification:M.Sc. Ph.D.

iv. Dr. Jai Shankar Singh

Assistant Professor

Specialization: Microbial ecology & Natural resource Management

Qualification: Ph.D.

v. Dr. R.N. Bhargava

Assistant Professor

Specialization: Environmental Microbiology and Biotechnology

Qualification: Ph.D.

vi. Dr. Pankaj Kumar Arora

Assistant Professor

Specialization: Environmental Microbiology

Qualification: Ph.D.

vii. Dr. Digvijay Verma

Assistant Professor

Specialization: Metagenomics, Microbiomics, Industrial Enzymes

Qualification: Ph.D.

viii. Dr. Ravi Kumar Gupta

Assistant Professor

Specialization: Molecular Microbiology

Qualification: Ph.D.

ix. Dr. Harish Chandra

Assistant Professor

Specialization: Immunotoxicology, Microbiology, Host-Pathogen Interaction.

Qualification: Ph.D.

8. Details of the Seminar/Conference organised by the Department.

Organized Workshop

- Workshop in collaboration of AMI and International Society for Microbial Ecology (ISME) on **"Hands on to Computational Biology for (Meta) Genomics Analysis"**

9. Co-curricular/Extra-curricular/Sport Activities.

Students of the Department participated in NCC, Annual Sports Event of the University and were runner up while in Chess a student of the Department won First Prize

10. Visitors of Department from inside the country (during 01.04.2018 to 31.03.2019).

i. Prof Appa Rao Podile, Vice Chancellor, Hyderabad Central University

ii. Prof Sanjay Chibber, Professor and Ex Head, Microbiology, Punjab University

iii. Prof A K Singh, Secretary, NAAS, Ex-Vice Chancellor RDUAST, Gwalior, Ex DDG, ICAR

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

Prof Rajesh Kumar

- Life Member of **Association of Microbiologists of India** (AMI). 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 of India**, 2019

Prof. Ram Chandra

- **Fellow,** Association of Microbiologists of India **(AMI**)
- **Fellow,** The Biotech Research Society of India **(BRSI)**
- **Fellow,** The Academy of Environmental Biology **(AEB),** Lucknow
- Member of **American Society for Microbiology (ASM),** USA
- Life member of **Society of Toxicology**, India
- Life member of **Academy of Environmental Biology**, India
- Life member of **Association of Microbiologist of India (AMI),** India
- Life member of **Indian Science Congress Association**, India

Dr. R.N. Bharagava

- Life Member of the Indian Science Congress Association (ISCA), Kolkata, India
- Life Member of the Association of Microbiologists of India (AMI), India
- Life Member of the Biotech Research Society of India (BRSI), Trivandrum, India
- Life Member of the Academy of Environmental Biology (AEB), Lucknow, India

Dr. Pankaj Kumar Arora

Editorial Board Member: Scientific Reports

Academic Editor: PLOS ONE

Associate Editor: Frontiers in Microbiology

Dr. Harish Chandra

- American Association for the Advancement of Science (AAAS) program for excellence (Nominated by University of Cincinnati). (**Membership ID 20322499).**
- Center for environmental genetics (CEG).
- American Society of Microbiology (ASM) Pending.
- Association of Microbiologist of India (AMI) Pending.

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

i. **Rajesh Kumar** and Amar Jyoti Das (2018), 'Rhamnolipid Biosurfactant:Recent Trends in Production and Application', Springer Verlag, Singapore, ISBN: **978-981-13-1288-5**

ii. **Ram Chandra** and R.C. Sobti (2019), 'Microbes for Sustainable Development and Bioremediation', CRC Press (Taylor & Francis Group), USA, **ISBN: 9780367226008**

iii. **Ram Chandra**, N.K. Dubey, Vineet Kumar (2018), 'Phytoremediation of Environmental Pollutants', CRC Press (Taylor & Francis Group), USA, **ISBN:** 9781138062603

iv. **Jay Shankar Singh** and DP Singh (2019),

'New and Future Developments in Microbial Biotechnology and Bioengineering: Microbial Biotechnology in Agro-Environmental Sustainability', Elsevier. **ISBN:** 9780444641915.

v. **Jay Shankar Singh (2019),** 'New and Future Developments in Microbial Biotechnology and Bioengineering: Microbes in Soil, Crop and Environmental Sustainability', Elsevier, ISBN: 9780128182598; Published Date: 19th July 2019 PP. 386.

vi. **Editor(s): R N Bharagava (2018), '**Recent Advances in Environmental Management', CRC Press (Taylor & Francis Group), USA, **ISBN:** 9780815383147

vii. **R N Bharagava** and Pankaj Chowdhary (2019), 'Recent Advances in Environmental Management', Springer Verlag, Singapore, **ISBN:** 978-981-10-8669-4

viii. Pankaj Kumar Arora (2019), 'Microbial Technology for the Welfare of Society', Springer Singapore, ISBN: 978-981-13-8843-9.

ix. Pankaj Kumar Arora (2019), 'Microbial Metabolism of Xenobiotic Compounds', Springer Singapore, ISBN: 978-981-13-7461-6.

13. Details of Books chapter in edited volume 2018-2019

i. **Ram Chandra,** Vineet Kumar **(2018)**. Phytoremediation: A green sustainable technology for industrial waste management: Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

ii. **Ram Chandra,** Vineet Kumar and Kshitij Singh **(2018)**. Hyperaccumulator verses non- hyperaccumulator plants for environmental waste management: Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

iii. **Ram Chandra,** Vineet Kumar **(2018).** Bacteria- assisted phytoremediation of industrial waste pollutants and ecorestoration. Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

iv. Sangeeta Yadav and **Ram Chandra (2018)**. Quorum sensing and siderophore formation mechanism of rhizospheric bacteria during phytoremediation of environmental pollutants. Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

v. **Ram Chandra,** Kshitij Singh **(2018)** Endophytic bacterial diversity in roots of wetland plants and their potential for enhancing phytoremediation of environmental pollutants. Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

vi. **Ram Chandra,** Vineet Kumar, Sonam Tripathi, Pooja Sharma **(2018)**. Phytoremediation of industrial pollutants and life cycle assessment. Phytoremediation of Environmental Pollutants, Ram Chandra, N.K. Dubey, Vineet Kumar (Ed.) **CRC Press** (Taylor & Francis Group), USA

vii. Chhaya Verma, Apoorva Dixit and

Rajesh Kumar (2019). Production, optimization and characterization of siderophore by *Pseudomonas aeruginosa* isolated from rhizospheric soil In Advances in Plant and Microbial Biotechnology (Eds) Rita Kundu, Raji Narula. 10.1007/978-981-13-6321-4_5.

viii. Amar Jyoti Das, Shweta Ambust and **Rajesh Kumar** (2018). Management of petroleum industry waste through biosurfactant producing bacteria: A step towards sustainable environment *In* Bioremediation of Industrial Waste for Environmental Safety - Vol. I: Industrial Waste and Its Management published by Springer Nature, Singapore, (Eds) RN Bhargava and Gaurav Saxena. DOI10.1007/978-981-13-1891-7_9

ix. Pooja Shrivastava and **Rajesh Kumar** (2018). Actinobacteria. *In* New and Future Developments in Microbial Biotechnology and Bioengineering (Eds) Bhim Pratap Singh and Ajit Kumar Passari. Elsevier. DOI 10.1016/B978-0-444-63994-3.00005-9.

x. Beenu Shastri, Anil Kumar and **Rajesh Kumar** (2019). Exploration of biocontrol and growth-promoting activity of bacterial strains isolated from sugarcane crop. *In* Advances in Plant and Microbial Biotechnology (Eds) Rita Kundu, Raji Narula. 10.1007/978-981-13-6321-4_17.

xi. **Ram Naresh Bharagava,** Diane Purchase, Gaurav Saxena and Sikandar I. Mulla (2018) Applications of metagenomics in microbial bioremediation of pollutants: From genomics to environmental cleanup. ***In*** Microbial Diversity in the Genomic Era **(*Eds)*** Surajit Das Hirak Dash. **Academic Press, Elsevier, USA** (ISBN: 9780128148501).

xii. Pankaj Chowdhary, Sujata Mani, Ileana Pereda Reyes and **Ram Naresh Bharagava** (2018) Effects of industrial wastewaters on soil sustainability and environment. *In* Soil Amendments for Sustainability: Challenges and Perspectives. (Eds) Amitava Rakshit, Binoy Sarkar, Purushothaman Abhilash, CRC Press, Taylor & Francis Group), USA (ISBN: 9781351027021).

xiii. Pankaj Chowdhary, Nandkishor More, Ashutosh Yadav, **Ram Naresh Bharagava** (2008). Ligninolytic Enzymes: An introduction and applications in Food industry. *In* Enzymes in Food Biotechnology: Production, Applications, and Future Prospects **(**Eds) Mohammed Kuddus **Elsevier Inc.** (ISBN: 9780128132807).

xiv. En Huang, **Ravi Kr. Gupta**, Fangfei Lou, Sun Hee Moon (2019)"Role of microbes in environmental sustainability and food preservation"In Press CRC Press Taylor and Francis Group, USA, 2019

14. Paper published during the year by the faculty members (during 01.04.2018 to 31.03.2019)

Prof Rajesh Kumar

i. Swati Rastogi, Jeetendra Kumar and **Rajesh Kumar** (2019). An Investigation into the efficacy of Fungal Biomass as a Low Cost Bioadsorbent for the removal of Lead from aqueous solutions. International Journal of Engineering and Technology e-ISSN: 2395-0056 Volume: 06 (03): 7144-7149.

ii. Shatrohan Lal, **Rajesh Kumar**, Vijaykant Dixit and Graziella Berta (2018). Exploring the survival tactics and plant growth promising traits of root-

associated bacterial strains under Cd and Pb stress: A modeling based approach. J Ecotoxicology and Environmental Safety; DOI: 10.1016/j.ecoenv.2018.11.100 (available online). **(IF: 3.974)**

iii. Amar Jyoti Das and **Rajesh Kumar** (2018). Utilization of agro-industrial waste for biosurfactant production under submerged fermentation and its application in oil recovery from sand matrix. *Bioresource Technology 260:* 233-240.**(IF: 5.807; NAAS Rating:11.81).**

iv. Sadhana Singh Sagar, Ram Narain, **Rajesh Kumar** and Shilpa Deshpande Kaistha (2018). Reversal of antibiotic resistance by phage resistant *Pseudomonas aeruginosa* PA01. Bioengineering and Bioscience 6(1): 11-15, 2018 http://www.hrpub.org DOI: 10.13189/bb.2018.060102. ISSN: 1389-1723

v. Shatrohan Lal, Sheel Ratna, Olfa Ben Said and **Rajesh Kumar** (2018). Biosurfactant and exopolysaccharide-assisted rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal phytoremediation technology. Environmental Technology & Innovation 10 (2018) 243–263. **(IF: 2.02).**

Prof. Ram Chandra

i. Vineet Kumar& R.Chandra (2019) Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards Journal of Aqutic Toxicology.

ii. S. Yadav & R.Chandra (2018) Detection and assessment of the phytotoxicity of residualorganic pollutants in sediment contaminated with pulp and paper mill effluent. Environ Monit Assess.190:581

iii. S. Upadhyaya, S Yadav, R Chandra,N Arora (2018) Evaluation of antibacterial and phytochemical properties of different spice extracts African J Microbiology Research12(2):27-37

iv. R. Chandra, P. Sharma, S. Yadav, S. Tripathi (2018) Biodegradation of Endocrine Disrupting Chemicals (EDC) and Residual Organic Pollutants of Pulp and Paper Mill Effluent after Secondary Treatment in Biostimulation Process for Environmental Safety. Frontier in Microbiology

v. P. Chowdhary, A. Yadav,R. Singh, R. Chandra et al. (2018) Stress response of Triticum aestivum L. and Brassica juncea L. againstheavy metals growing at distillery and tannery waste water contaminated site J. Hazard Materials 206: 122-131.

vi. R. Chandra,V. Kumar,S. Tripathi (2018) Evaluation of molasses-melanoidins decolourisation by potential bacterial consortium discharged in distillery effluent3 Biotech8:18720187.

vii. V. Kumar, R. Chandra (2018).Characterisation of manganese peroxidase and laccase producing bacteria capable fordegradation of sucrose glutamic acid-maillard reaction products at different nutritional and environmental conditions.World J Microbiology & Biotechnology34:328

viii. R. Chandra,V. Kumar, Tripathi, S., Sharma, P (2018).Heavy metal phytoextraction potential of native weeds and grasses from endocrine-disrupting chemicals rich complex distillery sludge and their histological observations during in-situ phytoremediation. Ecological Engineering 111:143-156.

Dr. Jai Shankar Singh

i. S.R. Vimal, V.K. Patel and **Jay Shankar Singh** (2019). Plant growth promoting *Curtobacterium albidum* strain SRV4: An agriculturally important microbe to alleviate salinity stress in paddy plants. *Ecological Indicators* 105, 553-562. (**IF=4.490**).

ii. MK Singh, PK. Rai, A Rai, Surendra Singh, **Jay Shankar Singh** (2019). Poly-â-hydroxybutyrate production by the cyanobacterium *Bharadwaja* under varying environmental conditions. *Biomolecules* 9(5), 1-10. (**IF=4.694**).

iii. S. Tiwari, C. Singh, S. Boudh, PK. Rai, VK Gupta, **Jay Shankar Singh** (2019). Land use change: A key ecological disturbance declines soil microbial biomass in dry tropical uplands. *Journal of Environmental Management* 243, 1-10 **(IF=4.865).**

iv. S. Tiwari, C. Singh, S. Boudh, PK. Rai, VK Gupta, **Jay Shankar Singh** (2018). The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils. *Catena* 171, 485-493. (**IF=3.851**).

v. **Jay Shankar Singh** and VK Gupta (2018) Soil microbial biomass: A key soil driver in management of ecosystem functioning. *Science of the Total Environment* 634, 497-500 (**IF=5.589**).

vi. Arun Kumar, Sumit Kaushal, Shubhini A. Saraf, **Jay Shankar Singh** (2018)**.** Microbial bio-fuels: a solution to carbon emissions and energy crisis. *Frontiers in Bioscience* 1(23), 1789-1802. (**IF=2.349**).

Dr. Ram Naresh Bhargava

i. A Yadav, A Raj, D Purchase, LFR Ferreira, GD Saratale, **RN Bharagava** (2019) Phytotoxicity, cytotoxicity and genotoxicity evaluation of organic and inorganic pollutants rich tannery wastewater from a Common Effluent Treatment Plant (CETP) in Unnao. Chemosphere 224, 324-332. (**IF=5.108**).

ii. Rijuta Ganesh Saratale, Ganesh Dattatraya Saratale, Si Kyung Cho, Dong Su Kim, Gajanan S. Ghodake, Avinash Kadam, Gopalakrishanan Kumar, **Ram Naresh Bharagava,** Rajesh Banu, Han Seung Shin (2019) Pretreatment of kenaf (Hibiscus cannabinus L.) biomass feedstock for polyhydroxybutyrate (PHB) production and characterization. Bioresource Technology 282, 75-80. (**IF=6.669**).

iii. Pankaj Chowdhary, Ashutosh Yadav, R. Singh, Ram Chandra, D.P. Singh, Abhay Raj, **Ram Naresh Bharagava** (2018) Stress response of Triticum aestivum L. and Brassica juncea L. against heavy metals growing at distillery and tannery wastewater contaminated site. Chemosphere 206, 122-131. (**IF=5.108**).

iv. SP Goutam, G Saxena, V Singh, AK Yadav, **RN Bharagava**, KB Thapa (2018) Green synthesis of TiO2 nanoparticles using leaf extract of Jatropha curcas L. for photocatalytic degradation of tannery wastewater. Chemical Engineering Journal 336, 386-396. (**IF=8.355**).

v. P Chowdhary, A Raj, **RN Bharagava** (2018) Environmental pollution and health hazards from distillery wastewater and treatment approaches to combat the environmental threats: A review. Chemosphere 194, 229-246. (**IF=5.108**).

vi. **RN Bharagava,** S Mani, SI Mulla, GD Saratale (2018) Degradation and decolourization potential of an ligninolytic enzyme producing

Aeromonas hydrophila for crystal violet dye and its phytotoxicity evaluation. Ecotoxicology and Environmental Safety 156, 166–175. (**IF=4.527**).

vii. AK Singh, P Yadav, **RN Bharagava,** GD Saratale, A Raj (2019) Biotransformation and cytotoxicity evaluation of kraft lignin by ligninolytic *Serratia liquefaciens*. Frontiers in Microbiology. 10, 2364. (**IF=4.259**).

Dr. Pankaj Kumar Arora

i. **Arora, P.K.,** Srivastava, A., Garg, S.K. and Singh, V.P., 2018. Recent advances in degradation of chloronitrophenols. *Bioresource technology,* 250:902-909

Dr. Digvijay Kumar

i. **Verma D,** Garg PK, Dubey AK. **2018**. Insights into the human oral microbiome. Archives of Microbiology, 1-16.

ii. **Verma D** and Vasdev K **2018.** Understanding the potential of the human microbiome. J System Biology Research 1(1): 1-4.

Dr. Harish Chandra

i. Oh Y, Noga R, Shanov V, Ryu H, Chandra H, Yadav B, Yadav J, Chae S. Electrically heatable carbon nanotube point-of-use filters for effective separation and in-situ inactivation of Legionella pneumophila. Chemical Engineering Journal (2019) June 366 21-26, (Accepted in Press).

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

Dr. Jai Shankar Singh

i. Microorganisms: Key Ecological Engineers in Agriculture and Environmental Sustainability. 59th Annual Conference of AMI. University of Hyderabad 9-12 December 2018.

ii. Beneficial microbial services in management of agro-environmental problems. 6th International Conference on Plants and Environmental Pollution. NBRI, CSIR, Lucknow, 27-30 November 2018.

iii. Microbial Services in Sustainability of Agriculture and Environment. International Conference on Emerging Issues in Agricultural, Environmental and Applied Sciences for Sustainable Development, SHUATS, Allahabd, 27-29 November 2018.

Prof. Ram Chandra

i. **Prof. Ram Chandra (2018)** delivered a talk as **Invited speaker** on "Biodegradation of Endocrine Disrupting Chemicals (EDC) and Residual Organic Pollutants of Pulp and Paper Mill Effluent after Secondary Treatment in Biostimulation Process for Environmental Safety" in **Association of Microbiologists of India (AMI-2018**) held from November 12-14, 2018 at Maharshi Dayanand University, Rohtak, Haryana.

ii. **Ram Chandra (2018)** delivered a talk as **Invited speaker** on **"**Bacterial assisted phytoremediation of distillery sludge for safe disposal: An innovative approach for sustainable development of distillery sector in India" in **All India Distillers' Association** held from March 26-27, 2018 at New Delhi.

iii. **Ram Chandra (2018)** Environmental Health Hazards of Distillery Waste and its Bioremediation Strategies for Environmental Safety. Presented in National Conference On "Environmental Conservation: Micro-biotechnological

methods to combat Global Issues" organized by Sarva Vidyalaya Kelavani Mandal Managed, Gujarat held from February 10-11, 2018 at Pramukh Swami Science and H D Patel Arts College **(Keynote Speaker)**

iv. **Prof. Ram Chandra (2018)** delivered a talk as **Invited speaker** on "Heavy metal phytoextraction potential of native weeds & grasses from endocrine-disrupting chemicals rich complex distillery sludge and their histological observation during in-situ phytoremediation" in **1st North Indian Science Congress & International Conference** (NISC 2018) on **"Science & Technology for Sustainable Future"** on January 10th, 2018, BBAU, Lucknow.

v. **Prof. Ram Chandra (2018)** delivered a **lead lecture** on "Heavy Metals Phytoextraction Potential of Native Plants and their Histological Observation Growing on Stabilized Distillery Sludge: A Prospective Tool for in situ Phytoremediation of Hazardous Industrial Waste" in **Sixth international conference on Plants & environmental pollution** held from November 27-30, 2018 at **CSIR-NBRI, Lucknow.**

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

Prof. Ram Chandra

i. **Prof. Ram Chandra** attended international conference on "Global Conference on Plant Science and Microbial Ecology" and delivered a lecture as **Keynote speaker on "Health** hazards of pulp paper mill waste containing residual organic pollutants on environment and their detoxification by biostimulation and phytoremediation process" held during June 22, 2019 at **Valencia, Spain.**

Dr. Harish Chandra

i. **Yadav JS**, SS Bhattacharya, B.Yadav, **H. Chandra**, and R. Jandarov (2018). Microbiome Changes as markers of Exposure and Stress in Firefighters. 20th Annual 2018 Pilot Research Projects (PRP) Symposium of NIOSH –supported Education and Research Center (ERC) University of Cincinnati, October 11-12, 2018, College of Pharmacy, Kowalewski Hall, University of Cincinnati, OH 45221.**(Oral presentation)**

17. Consultancy

Analysis of organic pollutants and heavy metals in soil (07) and leachate (14) samples from **M/S Godavari Biorefinaries Ltd. Ahmednagar, Maharashtra**. Total cost: **Rs. 03 Lakh (Prof. Ram Chandra)**

18. Details of Research Project.

Prof. Ram Chandra

i. Development and demonstration of pulp paper mill effluent detoxification technology after secondary treatment by combination of bio-augmentation and constructed wetland treatment process for re-use and prevention of river pollution. **Funding Agency:** DBT, New Delhi. **Amount:** Rs. 72.59 Lakh

ii. Optimization of Post Methanated Distillery Effluent (PMDE) TDS Reduction for Development of Decolourisation and Detoxification Technique in Two Step Treatment Process Using Bacteria and Constructed Wetland Plant Treatment. **Funding Agency:** DBT, New Delhi **Amount:** Rs. 45.14 Lakh

iii. Study the biofilm formation in bacterial community, detection of quorum sensing molecules and their gene expression during bioremediation of chlorolignin pollutants discharged from pulp paper industry. **Funding Agency:** DST, New Delhi. **Amount:** Rs. 42.00 Lakh

Dr. Ram Naresh Bharagava

i. Development and optimization of a bacterial process for the degradation and detoxification of recalcitrant organic pollutants (ROPs) from tannery wastewater for environmental safety. **Funding Agency:** Department of Science and Technology (DST), New Delhi, **Total Cost:** 50 Lakhs. **Duration:** Three Years

Dr. Pankaj Kumar Arora

UGC-BSR Start up Research Grants (10 lakhs)

Dr. Digvijay Verma

UGC-BSR Start up Research Grants (10 lakhs)

Dr. Ravi Gupta

UGC-BSR Start up Research Grants (10 lakhs)

Dr. Harish Chandra

UGC-BSR Start up Research Grants (10 lakhs)

Student's achievements

i. Ph.D. thesis awarded during the year 2018-2019: 14

ii. Ph.D. student's pursuing (2018-19): 19

19. Accomplishment of students

Number of students completed their masters

i. M.Sc. 250

SCHOOL OF ENVIRONMENTAL SCIENCES

The School of Environmental Sciences (SES) 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 crisis, energy depletion, global warming, loss of biodiversity, deforestation and an overall imbalance in ecosystems are increasing day-by-day.

The School of Environmental Sciences 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 SES is having a full fledged department i.e., Department of Energy and Environment housed in a palatial building equipped with latest State-of-Art laboratories. There are 10 well qualified, full time permanent faculty members. The school is running one Undergraduate (B.Sc. Hons. Geology), two post-graduate program (M.Sc. Environmental Science and M.Sc. Geology) alongwith Ph.D. program with major emphasis on excellent training to students in their respective field of studywhich also provides ample opportunities for personality development of student.

Department of Energy and Environment

Department of Energy and Environment is presently offering two P.G. programmes i.e., M.Sc. in Environmental Science as well as M.Sc.Geology and one U.G programme B.Sc. (Hons) Geology. Environmental sustainability has to play a big role in realization of sustainable development goals-2030. The Department is working as interdisciplinary center to learn and disseminate the knowledge in various aspect of environment by offering M.Sc. and Ph.D. degrees to students. Presently, there are about 70 UG, 40 P.G. students, 43 research Scholars, 03 PDF's working in diverse fields of Environmental Sciences. Department of Energy and Environment is having well experienced faculties and well equipped laboratories. There is special emphasis on research and development in core areas of environmental sciences such as Climate change, Environmental Impact Assessment, Toxicology, Bioremediation, Bioenergy, 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 Energy and Environment is also having research programmes funded by DBT, DST, CSIR, Council of Science & Technology, UP. The Department of Environmental Science (DES) came into existence in 1997 under the School for Environmental Sciences (SES). These programs provide students with a high-quality environmental education that includes

experience with research and field training.

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

The department has also signed MOU with various research organizations working in the areas 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, several postgraduate students of this department have qualified 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.

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. 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 etc. Apart from this deparment organized 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 competitions, essay writing, cultural and sports activities organized by the University government programmes and extensionactivities such as Unnat Bharat Abhiyan etc. Students also interac with society including villages to sentize them about issues such as hygiene impact of plastics etc. Involvement of students in field and dissertation works helps students to establish relationship with professional organizations that help them in their extension studies and placements. One semester of dissertation work provides critical real-world experience for our students preparing them for successful careers.

1. Course Offered

i. M.Sc. (Environmental Science)

ii. B.Sc. (Hons.) Geology and M.Sc.Geology (integrated)

iii. Ph.D (Environmental Science)

2. Facilities available in the Department

i.	M.Sc. Laboratories	-	03
ii.	Research Laboratories	-	04
iii.	Smart Classrooms	-	02
iv.	Departmental Libraries	-	02
v.	Field Station	-	01

3. Details of Faculty

i. Prof. D.P. Singh

Professor

Specialization: Environmental Microbiology/ Stress Physiology

Qualification: M.Sc., Ph.D.

ii. Prof. Rana Pratap Singh

Professor

Specialization: Sustainable Agriculture, Slow Release Fertilizers, Bioremediation and EIA

Qualification: M.Sc., Ph.D.

iii. Prof. S.K. Dwivedi

Professor& Dean, SES

Specialization: Microbiology Ecology, Environmental Microbiology

Qualification: M.Sc., Ph.D.

iv. Prof. Naveen Kumar Arora

Professor& Head

Specialization: Environmental and Agricultural Microbial Technology

Qualification: M.Sc., Ph.D.

v. Mr. N.K.S. More

Associate Professor

Specialization: Cell & Developmental Biology, Toxicology

Qualification: M.Sc., M.Phil.

vi. Dr. Shikha

Associate Professor

Specialization: Environmental Microbiology

Qualification: M.Sc., Ph.D.

vii. Dr. Venkatesh Dutta

Associate Professor

Specialization: Environmental Management, EIA, Modeling, Water Res. Management

Qualification: M.Sc., Ph.D.

viii. Dr. Narendra Kumar

Assistant Professor

Specialization: Environmental Pollution, Impact Assessment and bioremediation

Qualification: M.Sc., Ph.D.

ix. Dr. Richa Kothari

Assistant Professor **(On Lien)**

Specialization: Renewable energy and wastewaterTreatment Technology

Qualification: M.Sc., M.Phil, Ph.D.

x. 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.

4. Details of the seminar organized by the Department

i. One day workshop on National Science Day was organized on the theme 'People for Science and Science for People' by DES, 28th February, 2019.

ii. One day programme on World Environment Day on the theme 'Go Green and Love Your Environment' on 5th June, 2019

iii. Workshop on 'Environmental Hazards of Electronic Waste' on 13th March, 2019.

iv. Workshop on 'Reducing our Water Footprints' under Swachh Bharat

Abhiyan by SBA Committee and DES on, 13th September, 2019

5. Other Departmental level activities

i. Organized 'Swachhta Pakhwada' at BBA University. Various activities done under Swachhta Pakhwada including Swachhta awareness programme-Seminar, Campus cleaning/cleanliness & maintenance, Swachhta Shapath, Green Campus Drive, Swachhta competitions & exhibitions etc., Screening of short films.

ii. Unnat Bharat Abhiyan, Program of MHRD. Various activities done under Unnat Bharat Abhiyan: Village Survey in adopted 05 villages (Chandrawal, Miranpur Pinvat, Aurava, Dadoopur and Chakoli), Organizing Gram Sabhas in the villages, Visiting the village school and interacting with teachers and students., Demonstration of Street Play on 'Swachhta' and 'Women Empowerment', Screening of film on "Future Crisis-Plastic", Health Camp in the village.

iii. 'Ek Bharat Shrestha Bharat'. Various activities done under 'Ek Bharat Shrestha Bharat': Blog Competition, Photography Competition, Poster Competition on theme "Culture of Arunachal Pradesh & Meghalaya"

7. Co-curricular/Extracurricular/sports activities of the Department

i. Cultural Program organized by the student on various occasions like Teacher's day and plantation drive.

ii. **Sports Activity:** Universit level cricket tournament among boys and girls at department level.

8. Visitor of the Department from inside country

i. Prof. R.D. Tripathi, NBRI Lucknow

ii. Dr. D.K. Patel IITR, Lucknow

iii. Dr. Rajiv Gaur, Dr. RML Avadh University, Faizabad

iv. Prof. R.S. Dwivedi, Former Director NRCG (ICAR) Junagadh, Gujarat

v. Prof. P.S. Khillare JNU, New Delhi

vi. Dr. S.C. Barman IITR, Lucknow

vii. Prof. S.K. Verma, BITS, Pilani, Rajasthan

viii. Dr. Dharam Buddhi, Suresh Gyan Vihar University, Rajasthan

ix. Dr. K.S. Rao, Delhi University, Delhi

x. Dr. J.P. Rai, G.B. Pant University, Uttarakhand

xi. Dr. Shalini Sharma, CEO E-Waste Exchange, Hyderabad

xii. Dr. Shishir Chandra, Water Aid, Lucknow

xiii. Shri Brijendra Pal Singh, Lokbharti, Lucknow

xiv. Ms. Archana Pandey, Vigyan Foundation, Lucknow

9. Visitor of the Department from outside country

i. Dr. Tao Gou, Vice President, Beijing PIESAT Information Technology Co. Pvt. Ltd., HongKong

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

Prof. D.P. Singh

i. Chairman, Advisory Board/Experts, UP

Council for Science & Technology, Government of Uttar Pradesh 2017-2020

ii. Indian Science Congress Association

iii. Association of Microbiologists of India

iv. Indian Society for Plant Physiology

v. Prof. H.S. Srivastava Foundation for Science and Society

vi. Indian Botanical Society

vii. Royal Association for Science-led Socio-cultural Advancement (RASSA)

Prof. Rana Pratap Singh

i. Dean Academic Affairs, Babasaheb Bhimrao Ambedkar University, Lucknow,

ii. Coordinator, Centre for Industry Institution Partnership Program BBAU, Lucknow

iii. National Academy of Sciences, Allahabad India

iv. Indian Science Congress Association, Calcutta

v. International Society for Environmental Botanist, Lucknow

vi. Asian PGPR Society for Sustainable Agriculture, Hyderabad

vii. Academy of Environmental Biology India, Lucknow

viii. Indian Society for Plant Physiology, New Delhi

ix. The Society for Plant Research, Meerut

x. Society for Plant Physiology and Biochemistry, New Delhi

xi. Society for Plant Biochemistry and Biotechnology, New Delhi

xii. Professor H.S. Srivastava Foundation for Science and Society, Lucknow

xiii. The Society for Science of Climate Change and Sustainable Environment, New Delhi

xiv. Indian Botanical Society (IBS), Lucknow

xv. Clean and Green Environmental Society, Lucknow

xvi. Uttar Pradesh Academy of Agricultural Science, Lucknow

xvii. Uttar Pradesh Academy of Sciences, Lucknow

xviii. Haryana Vigya Manch (HMV), Rohtak

xix. Association of Microbiologists of India (AMI), New Delhi

xx. Royal Association for Science-led Socio-cultural Advancement (RASSA), New Delhi

xxi. UP Association for the Science and Technology Advancement

xxii. The Society for Conservation of Wild Life , Lucknow

xxiii. Hindi Vigyan Sahitya Parishad, Mumbai

xxiv. The Society for Environmental Sustainability, Lucknow

xxv. International Society for Noni Science, Chennai

xxvi. Indian Academy of Social Sciences, Allahabad

xxvii. International Union for Conservation of Nature, Gland, Switzerland 2016-2020

Prof. S.K.Dwivedi

i. Life Member, Indian Science Congress Association

ii. Life Member, Indian Phytopathological Society

iii. Life Member, Indian Botanical Society

iv. Life Member, Indian Lichenological Society

v. Life Member, Indian Aerosol Science & Technology

vi. International Society for Tropical Ecology

vii. Purvanchal Environmental Association

Prof. Naveen Kumar Arora

i. Life Member of Association of Microbiologists (AMI) of India.

ii. Life Member of Indian Science Congress Association, Kolkata, India.

iii. Life Member of Asian PGPR Society

iv. Life Member of Clean and Green Society, Lucknow

v. Life Member of International Society of Environmental Botanists (ISEB)

vi. President & Life Member, Society for Conservation of Wildlife

vii. Secretary & Life Member, Society for Environmental Sustainability

Dr. Venkatesh Dutta

i. International Association of Hydrological Sciences (IAHS), UK

ii. International Society of River Science, USA

iii. Urban Economics Association, USA

iv. Indian Water Resources Society (IWRS), Roorkee

v. Fellow, Society for Earth Scientists, India

vi. Member, Expert Committee for Swacchata Ranking of Higher Education Institution (HEI), MHRD, New Delhi

vii. Member, Selection Committee, STI Postdoctoral Fellowship, Department of Science and Technology, Govt. of India

Dr. Shikha

i. Life member of Member of Society of Biochemists India (SBC-I)

ii. Life member of Association of Microbiologists of India (AMI)

Dr. Narendra Kumar

i. Academic Council, Babasaheb Bhimrao Ambedkar University, Lucknow, India

ii. Extra Moral Studies Organization, Babasaheb Bhimrao Ambedkar University, Lucknow, India

iii. Media Cell, Babasaheb Bhimrao Ambedkar University, Lucknow, India

iv. Placement Cell, Babasaheb Bhimrao Ambedkar University, Lucknow, India

v. School Board, School of Environmental Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow, India

vi. Board of Post-graduate Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, India

vii. Internal Quality Assurance Cell, Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India

viii. Professor H.S.Srivastava Foundation for Science and Society, Lucknow, India

ix. Member Admission Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, India

x. Life member- CSIR-National Botanical Research Institute, Lucknow 226001, INIDA

Dr. Jiwan Singh

i. The Institutions of Engineers, India, Associate member (MEMBCODE-AM1505249, RECSLNO- 130200622970)

ii. Korean Society of Environmental Engineers (Member no. 7351)

iii. Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEES)(Member no. 201901)

iv. Life time member- Prof. H.S. Srivastava Foundation for Science and Society, Lucknow, India

11. Details of book written/edited by faculty members

Prof. D.P. Singh

i. J.S. Singh and D.P. Singh (2018) Microbial Biotechnology in Agro-Environmental Sustainability. Elsevier (In Press)

Prof. Naveen Kumar Arora

i. Sobti RC, Arora NK, Kothari R. 2018 Environmental Biotechnology: for sustainable future, Springer. ISBN 978-981-10-7284-0.

ii. Extremophiles in Eurasian Ecosystems: Ecology, Diversity, and Applications, 2018 Springer. ISBN 978-981-13-0329-6

iii. Microbial Metabolism of Xenobiotic Compounds 2019. Springer. ISBN 978-981-13-7461-6

12. Details of Book chapter in edited volume

Prof. D.P. Singh

i. AK Upadhyay, Ranjan Singh, Jay Shankar Singh, **DP Singh** (2018). Microalgae Assisted Phyco-remediation and Energy Crisis Solution: Challenges and Opportunity. In: New Developments in Microbial Biotechnology: Microbial Biotechnology in Agro-Environmental Sustainability (Eds. Singh, JS and Singh, DP). Elsevier (In Press).

Prof. S.K.Dwivedi

i. **Dwivedi S.K.** and Singh Garima (2019). Diversity of micro fungi in cropland ecosystem with reference to crop productivity. Dynamics of Ecosystem and Climate Change in India (eds.: Abhishek Awasthi, A.K. Singh and Anshu Sharma). Serials Publications Pvt. Ltd., New Delhi (ISBN: 978-93-86611-47-5)

Prof. Naveen Kumar Arora

i. Verma M, Mishra J, **Arora NK**. 2019. Plant Growth-Promoting Rhizobacteria: Diversity and Applications. In book Environmental Biotechnology: For Sustainable Future, Springer, pp.129-173. DOI: 10.1007/978-981-10-7284-0_6.

Dr. Shikha

i. Shiv Shankar, Shailja Singh, Anuradha Mishra, Manju Sharma, and **Shikha** (2019) Microbial Degradation of Polyethylene: Recent Progress and Challenges, In: Microbial metabolism of xenotoxic compounds, Microorganisms for sustainability, 10 (Arora, P.K., ed.), Springer Nature, Singapore Pte. Ltd. 2020, pp 245-262. (https://doi.org/10.1007/978-981-13-7462-3_12)

ii. Shankar S, **Shikha**, Ratnakar A, Singh S.

(2019). Environmental contamination, toxicity profile and bioremediation strategies for pulp and paper mill waste water, In: Bioremediation of Industrial Waste for Environmental Safety, (Saxena, G; Bhargwa R.N. Eds) Springer Nature, Singapore Pte. Ltd. 2020, pp181-206 **(**https://doi.org/10.1007/978-981-13-1891-7_9**).**

iii. Shailja Singh and **Shikha** (2019). Treatment and recycling of wastewater from oil refinery/Petroleum Industry, In: Advances in Biological treatment of Industrial waste waterand their recycling for a sustainable future, Applied Environmental Science and Engineering for a Sustainable Future (Singh, R L, Singh, R P eds.) Springer Nature, pp 303-332. ISSN 2570-2165 ISSN 2570-2173 (electronic) ISBN 978-981-13-1467-4 ISBN 978-981-13-1468-1 (eBook) https://doi.org/10.1007/978-981-13-1468-1

Dr. Venkatesh Dutta

i. Kumar, S. and *Dutta, V*. (2019) Efficiency of Constructed Wetland Microcosms (CWMs) for the Treatment of Domestic Wastewater Using Aquatic Macrophytes. In Environmental Biotechnology: For Sustainable Future (pp. 287-307). Springer, Singapore.

ii. Grasso, M. and *Dutta, V*. (2018) A comparative assessment of climate policies of top global emitters and evolution of an effective climate regime. *Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns*, p.22. Springer.

iii. Kumar, S. & Dutta, V. (2019) Efficiency of constructed wetland microcosms (CWMs) for the treatment of domestic wastewater using aquatic macrophytes. In *Environmental Biotechnology: For Sustainable Future* (pp. 287-307). Springer, Singapore.

iv. Grasso, M. and Dutta, V. (2018) A comparative assessment of climate policies of top global emitters and evolution of an effective climate regime: Issues of environmental effectiveness, economic efficiency, equity and political feasibility. In *Globalisation, Environment and Social Justice* (pp. 58-89). Routledge.

v. Dutta, V. (2018) The Demise of Rivers, *State of India's Environment 2018*, p. 68 – 71, Centre for Science and Environment (CSE), New Delhi

Dr. Narendra Kumar

i. Kumar, D**.,** Anand, S., Poonam, Tiwari, J., Kisku, G.C., Kumar, N., (2019). Removal of Inorganic and Organic Contaminants from Terrestrial and Aquatic Ecosystem through Phytoremediation and Biosorption. In Sobti et al. (eds.) *Environmental Biotechnology: For Sustainable future*. Springer Nature Singapore 45-71.

ii. Dhananjay Kumar, Sanjeev Kumar, **Narendra Kumar** (2018) Common Weeds as Potential Tools for In Situ Phytoremediation and Eco- Restoration of Industrially Polluted Site. In: Chandra et al. (eds) *Phytoremediation of Environmental Pollutants*. CRC Press Taylor & Francis Group. 271-

Dr. Jiwan Singh

i. Bhan, C., Verma, L., Singh J., 2019. 'Alternative fuels for sustainable development', in Shukla, Vertika, Kumar, Narendra (Eds.) *Environmental Concerns and Sustainable Development, Volume 1: Air, Water and Energy Resources* (**In Press**) **Springer nature.**

ii. Rawat, S., Verma, L., Singh J., 2019. 'Environmental hazards and management of E-waste'in Shukla, Vertika, Kumar, Narendra (Eds.) *Environmental Concerns and Sustainable Development, Volume 2: Biodiversity, Soil and Waste Management* (**In Press**) **Springer nature.**

iii. **Singh, J.,**Kalamdhad, A. S. 2018. 'Effects of Heavy Metals on the Environment by Utilization of Urban Waste Compost for Land Application: A Review', in Sarma, A.K., Singh, V.P., Bhattacharjya, R.K., Kartha, S.A. (Eds.) "*Urban Ecology, Water Quality and Climate Change*" volume 84, pp 329-340. (Springer, Part of the Water Science and Technology Library book series (WSTL)**Print ISBN**978-3-319-74493-3

13. Paper published by faculty members

Prof. D.P. Singh

i. Barsainya, M. and **D.P. Singh** (2018) Green Synthesis of Zinc Oxide Nanoparticles by *Pseudomonas aeruginosa* and their Broad-Spectrum Antimicrobial Effects. *J Pure Appl Microbiol,***12(4)**, DOI 10.22207/JPAM.12.4.

ii. R. Singh, A.K. Upadhyay, P. Chandra, **D.P. Singh** (2018) Sodium chloride incites reactive oxygen species in green algae *Chlorococcum humicola* and *Chlorella vulgaris*: Implication on lipid synthesis, mineral nutrients andantioxidant system. Bioresource Technology: 270, 489-497

iii. Chowdhary P ; Ashutosh Yadav; , R. Singh ; Ram Chandra; D.P. Singh; Abhay Raj; R. N. Bharagava (2018) Stress response of Triticum aestivum L. and Brassica juncea L. against heavy metals growing at distillery and tannery wastewater contaminated site. Chemosphere 206: 122-131. **IF-4.39,Citations-0**

iv. Singh R, R. Gaur, S. Bansal, F. Jamal, P.K. Pandey, Soni Tiwari, S. Sarsaiya, S. Misra, N. Caturvedi, **D.P. Singh,** M.K. Gaur and F.G.V. Arasu (2017) Production of Pullulan from a high yielding strain of Aureobasidium pullulans in non-stirred flask type fermentation system. J. Microbiol. and Biotechn. Research. 7 (1), 26-32 **IF-0, Citation -0**

v. Rawat A.P. and **D. P. Singh** (2018) Decolourization of malachite green dye by mentha plant biochar (MPB): a combined action of adsorption and electrochemical reduction processes. Water. Sci. Tech. **IF–1.197, In press.**

vi. Singh R., A.K. Upadhyay and **D. P. Singh** (2018) Regulation of Oxidative Stress and Mineral nutrient status by Selenium in Arsenic treated crop plant Oryza sativa. Ecotoxicol. Environ. Safety, 148:105-113, **IF-3.74, Citations-0**

Prof. Rana Pratap Singh

i. Sachdev, Swati, Singh, Anupriya and **Singh, Rana Pratap** (2018). Optimization of culture conditions for mass production

and bio-formulation of *Trichoderma* using response surface methodology. 3***Biotech,*** https://doi.org/10.1007/s13205-018-1360-6

ii. Sachdev, Swati and **Singh, Rana Pratap** (2018). Isolation, characterization and screening of Native Microbial Isolates for biocontrol of fungal pathogens of tomato. ***Climate Change and Environmental Sustainability,*** 6 (1), 46-58, DOI: 10.5958/2320-642X.2018.00006.6

iii. Baqir, Mohd, Kothari, Richa and **Singh, Rana Pratap** (2018) Fuel wood consumption, and its influence on forest biomass carbon stock and emission of carbon dioxide. A case study of Kahinaur, district Mau, Uttar Pradesh, India. ***Biofuels Accepted***https://doi.org/10.1080/17597269.2018.1442666

Prof. S.K.Dwivedi

i. **Dwivedi S.K.** and Singh Garima (2019). Diversity of micro fungi in cropland ecosystem with reference to crop productivity. Dynamics of Ecosystem and Climate Change in India (eds.: Abhishek Awasthi, A.K. Singh and Anshu Sharma). Serials Publications Pvt. Ltd., New Delhi (ISBN: 978-93-86611-47-5)

Prof. Naveen Kumar Arora

ii. Prakash J., **Arora NK.** 2019. Phosphate-solubilizing Bacillus sp. enhances growth, phosphorus uptake andoil yield of*Mentha arvensis* L ***3Biotech***, DOI, 10.1007/s13205-019-1660-5 (IF- 1.786)

iii. **Arora NK**., 2019. Earth: 50 years challenge. ***Environmental Sustainability,*** DOI 10.1007/s42398-019-00053-5

iv. **Arora NK**., Fatima T, Mishra I, Verma M, Mishra J. 2018. Environmental Sustainability: challenges and viable solutions. ***Environmental Sustainability,*** DOI 10.1007/s42398-018-00038-w

v. Khare E, Mishra J, **Arora NK.** 2018. Multifaceted interactions between endophytes and plant: developments and prospects. ***Frontiers in Microbiology***, DOI 10.3389/fmicb.2018.02732 (IF- 4.259)

vi. **Arora NK.** 2018. Amylase assisted green synthesis of silver nano-cubes for antibacterial application. ***Bioinspired, Biomimetic and Nanobiomaterials,*** DOI: 10.1680/jbibn.17.00031

vii. **Arora NK**. 2018. Bioremediation: a green approach for restoration of polluted ecosystems. ***Environmental Sustainability,*** DOI 10.1007/s42398-018-00036-y

viii. **Arora NK**. 2018. Agricultural sustainability and food security. ***Environmental Sustainability,*** DOI 10.1007/s42398-018-00032-2

ix. **Arora NK**. 2018. Environmental Sustainability—necessary forsurvival. ***Environmental Sustainability,*** DOI 10.1007/s42398-018-0013-3

x. **Arora NK**. 2018. Biodiversity conservation forsustainable future. ***Environmental Sustainability,***DOI 10.1007/s42398-018-0023-1

Dr. Venkatesh Dutta

i. Kumar, S. and Dutta, V. (2019) Constructed wetland microcosms as sustainable technology for domestic

wastewater treatment: an overview, Environmental Science and Pollution Research, 26(12): 11662-11673 https://doi.org/10.1007/s11356-019-04816-9 (IF: 2.914)

ii. Kumar, N., Gautam, A., Dubey, A.K., Ranjan, R., Pandey, A., Kumari, B., Singh, G., Mandotra, S., Chauhan, P.S., Srikrishna, S. and Dutta, V. (2019) GABA mediated reduction of arsenite toxicity in rice seedling through modulation of fatty acids, stress responsive amino acids and polyamines biosynthesis. Ecotoxicology and Environmental Safety, 173, pp.15-27. https://doi.org/10.1016/j.ecoenv.2019.02.017 (IF: 4.527)

iii. Bajpai, O., Dutta, V., Chaudhary, L.B. and Pandey, J., 2018. Key Issues and Management Strategies for the Conservation of the Himalayan Terai Forests of India. International Journal of Conservation Science, 9(4): 749 - 760. ISSN 2067-533X

iv. Saini, M., Dutta, V., Singh, N.P. and Bajpai, O. (2018) Modeling and assessing land-use and hydrological regimes to future land-use scenario for sustainable watershed management in a semi-arid region of southern India. Environmental Sustainability, 1(4), pp.393-409.

v. Dutta, V., N. Fatima, and N. Kumar (2018) Excessive fluoride in groundwater of Central Ganga Alluvial Plain: a case study of Fatehpur, North India. International Journal of Environmental Science and Technology (2018): 1-8. https://doi.org/10.1007/s13762-018-2145-5(IF:2.396)

vi. Dutta, V., Sharma, U., Iqbal, K., Kumar, R. and Pathak, A.K. (2018) Impact of river channelization and riverfront development on fluvial habitat: evidence from Gomti River, a tributary of Ganges, India. Environmental Sustainability, pp.1-18.

vii. Sinha SK, Subramanian KA, Dutta V. (2018) India's Progress and Plan of Action in Addressing Climate Change and Its Role in Setting an Effective, Cooperative and Equitable Climate Policy Architecture. Climate Change and Environmental Sustainability. 6(1):1-5.

viii. Kumar, S., Sundar, S., Dutta, V. and Sobti, R. C. (2018) Nanomedicine with Reduced Drug Toxicity Capacity against Leishmaniasis: Current and Future Prospects, Advanced Science, Engineering and Medicine, 10(1-5): 2018.

Dr. Shikha

i. Arpna Ratnakar and Shikha (2018) Assessment of co contamination in soil samples from agricultural areas in and around Lucknow city, Uttar Pradesh, India, Current Science, 115 (12) 2267-2274. (Impact factor: 0.8) (doi: 10.18520/cs/v115/i12/2267-2274)

ii. Anamika Pandey, Shiv Shankar, Shikha, Naveen Kumar Arora (2018) Amylase assisted green synthesis of silver nanocubes for antibacterial applications. Bioinspired, Biomimetic and Nanobiomaterials (doi: 10.1680/jbibn.17.00031) (ISI Scopus Impact factor-0.78)

iii. Shiv Shankar, **Shikha**, Chandra Bhan, Rajesh Chandra, Sanjay Tyagi (2018) Laccase based de inking of mixed office

waste and evaluation of its impact on physico optical properties of recycled fiber Environmental Sustainability, Springer (https://doi.org/10.1007/s42398-018-0021-3).

iv. Shiv Shankar, **Shikha**, Arpna Ratnakar and Shailja Singh (2018) Removal of synthetic dyes from industrial wastewater using microbes as bioadsorbents: A review, Indian Journal of Environmental Protection 38 (2) 116-133. (ISSN : 0253 – 7141).

Dr. Narendra Kumar

i. Venkatesh Dutta, Nisha Fatima, **Narendra Kumar**. (2018) Excessive fluoride in groundwater of central Ganga Alluvial Plain: a case study of Fatehpur, North India. https://doi.org/10.1007/s3762-018-2145-5.

ii. **Narendra Kumar**, Mahiya Kulsoom, Vertika Shukla, Dhananjay Kumar, Priyanka, Sanjeev Kumar, Jaya Tiwari, Neetu Dwivedi. (2018) Profiling of heavy metal and pesticide residues in medicinal plants. Environmental Science and Pollution Research. doi.org/10.1007/s11356-018-2993-z.

iii. **Narendra Kumar**, Dhananjay Kumar, Sanjeev Kumar, Vertika Shukla, Preeti Shukla, Beenu R aj, (2018) Spatio temporal variations in hydro geochemistry of groundwater at rural, urban and industrial areas of Kanpur, India. Environmental Sustainability., https://doi.org/10.1007/s42398-018-0019-

iv. Poonam, Sushil Kumar Bharti, **Narendra Kumar** (2018) Kinetic study of lead (Pb2+) removal from battery manufacturing wastewater using bagasse biochar as biosorbent. Applied Water Science. 8:119.

v. Dhananjay Kumar, Sushil Kumar Bharti, Sangeeta Anand and **Narendra Kumar** (2018) Bioaccumulation and biochemical responses of *Vetiveria zizanioides* grown under Cadmium and Copper stresses. Environmental Sustainability. https://doi.org/10.1007/s42398-018-0009-z.

vi. Ganesh Chandra Kisku, Vinay Kumar, Pokhraj Sahu, Pramod Kumar and **Narendra Kumar** (2018) Characterization of coal fly ash and use of plants growing in ash pond for phytoremediation of metals from contaminated agricultural land. International Journal of Phytoremediation, 20(4):330-337.

vii. Dhananjay Kumar, Sushil Kumar Bharti,Sangeeta Anand and **Narendra Kumar** (2018) Defluoridation of water with the help of copper phytoremediated *Andrographis paniculata* plant biomass. Journal of Environmental Biology. 39 (Accepted).

viii. Poonam and **Narendra Kumar** (2018) Efficiency of sweet lemon (*Citrus limtta*) biochar adsorbent for removal of chromium from tannery effluent. Indian journal of environmental protection, 38(3): 246-256.

Dr. Jiwan Singh

i. Ibrahim, Mohd., Siddique, A., Verma, L., Singh,J., Koduru,J. R. 2018. Adsorptive removal of fluoride from aqueous solution by biogenic iron permeated activated carbon derived from sweet lime

waste***ActaChimicaSlovenica****,66 (1), 123-136***(SCI) (IF=1.104).**

ii. Gautam A, Rawat, S., Verma, L., **Singh, J.,**Sikarwar, S., Yadav, B.C., Kalamdhad, A.S., 2018. Green synthesis of iron nanoparticle from extract of waste tea: An application for phenol red removal from aqueous solution. ***Environmental Nanotechnology, Monitoring & Management***10, 377-387 (Elsevier) (Scopus).

iii. Lingamdinne, L. P., Choi, J.-S., Yang, J.-K., Chang, Y.-Y., Koduru, J. R., Singh, J., 2018. Adsorptive Removal of Selected Anionic and Cationic Dyes by Using Graphitic Carbon Material Prepared from Edible Sugar: A Study of Kinetics and Isotherms.***ActaChimicaSlovenica****65 (3), 599-610***(SCI) (IF=1.104).**

iv. Ghosh, U., Hazarika, J., Kalamdhad, A.S., Khwairakpam, M., Singh J., 2018.Speciation of trace metals (Cu, Zn, Ni, Fe and Mn) during rotary drum composting of paper mill sludge.***G-Journal of Environmental Science and Technology***5(5): 61-68.

v. Lingamdinne, L. P., Choi, J.-S.,**Singh, J.,**Chang, Y.-Y. Yang, J.-K. Karri, R. R. 2018. Multivariate modelling via artificial neural network applied to enhance methylene blue sorption using graphene-like carbon material prepared from edible sugar. ***Journal of Molecular Liquids*** 265 (2018) 416–427. SCI, Elsevier **(IF=4.513).**

vi. **Singh, J.,**Chang, Y.-Y.,Koduru, J.R., Yang, J.K., 2018. Potential Degradation of Methylene Blue (MB) by Nano-Metallic Particles: A Kinetic Study and Possible Mechanism of MB Degradation. ***Environmental Engineering Research***23 (1):1-9 (Scopus)**(IF=1.5).**Hazarika, J., Ghosh, U., Kalamdhad, A.S., Khwairakpam, M., **Singh J.,**2018. Fractionation and reduction in bioavailability of toxic heavy metals during rotary drum composting of paper mill sludge. ***Nature, Environment and Pollution Technology17 (3) 999-1004. (Scopus)***

vii. **Singh, J.,** Lee, B. K. 2018. Effects of Nano-TiO_2 particles on bioaccumulation of 133Cs from the contaminated soil by Soybean (Glycine max).***Process Safety and Environmental Protection*****, 116, 301-311. (IF = 3.441).**

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

Prof. Naveen Kumar Arora

i. Conference on "PGPR For Sustainability of Agriculture and Environment", organized by Department of Biotechnology, Mizoram University in association with Asian PGPR Society for Sustainable Agriculture (APSSA) at Aizawl, Mizoram

ii. Invited Talk in National Conference on Microbial Inoculants for Agriculture and Environmental Sustainability (MAES-2018), organized by Department of Botany and Microbiology, Gurukul Kangri Vishwavidyalaya, Haridwar, Uttarakhand.

iii. Invited talk in ISMPP 39th Annual Conference & National Symposium on Plant and Soil Health Management: New Challenges and Opportunities, jointly organized by ICAR-IIPR, Kanpur and Indian Society of Mycology and Plant

Pathology, Udaipur; held in IIPR, Kanpur.

iv. Lead Lecture in 6th International Conference on Plants & Environmental Pollution (ICPEP-6) Jointly organized by International Society of Environmental Botanists (ISEB) & CSIR -NBRI, Lucknow.

v. Keynote Lecture in International Conference on Sustainable Organic Agri-Horti Systems organized by Doctor's KrishiEvamBagwaniVikasSanstha,(Doctor's Agricultural and Horticultural Development Society), Lucknow.

vi. Invited Lecture in Two-week Inter-Disciplinary Capacity Building Program on "Environment and Sustainable Development" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

vii. Invited Lecture in Mindshare Conclave on Environment & Cultural Conservation held in Lucknow.

viii. Invited Lecture in National Seminar on Biotechnology Interventions in Agriculture, Health and Industry (BIAHI-2019), Organized by Department of Biotechnology, Deen Dayal Upadhyayay Gorakhpur University, Gorakhpur.

ix. Invited Talk in National Seminar on Microbial Bioremediation: Novel Approaches and Trends organized by Department of Microbiology, St. Xavier's College, Mapusa, Goa.

x. Invited Talk in National Conference on Recent Trends and Emerging Issues in Microbiology and Pharmaceutical Biotechnology at Gujarat University, Ahmedabad, Gujarat.

Dr. Venkatesh Dutta

i. Environmental Hazards of Electronic Waste and their Management, Workshop on Environmental Hazards of Electronic Waste, March 13, 2019, Lucknow, Ministry of Electronics and Information Technology, CPCB, MoEF & DST-CPR, BBAU

ii. STI Policy System and Governance in India, Building National STI Policy System and Governance for Effective R&D Ecosystem, March 5, 2019, BBAU Lucknow, DST, Govt. of India

iii. Invited speaker, Groundwater Management in Uttar Pradesh - Rising Steps towards Community Participation, 29th January, 2019 organised by Central Ground Water Board, Northern Region, Lucknow

iv. Regional Evaluation cum Training Workshop (Gangetic Region), Ministry of Environment, Forest & Climate Change (MoEFCC) organized by ENVIS-Resource Centre, CSIR-NBRI, Lucknow on December 6 - 7, 2018

v. Technology and Innovation - American Academy of Advancement of Sciences (AAAS) Leadership Seminar, Washington DC, 5 - 9 November 2018, (Washinton DC, USA)

vi. Pollution Monitoring: Water Pollution and Role of Remote Sensing and GIS, December 13th and 14th 2018, CSIR-IITR, Lucknow, Central Pollution Control Board, Lucknow and organized by CSIR-Indian Institute of Toxicological Research, Lucknow

vii. Invited speaker, India - Asean Inno Tech Summit - Accelerating towards

Innovative Development, 29 - 30 November 2018, The Lalit Hotel, Delhi

viii. Invited speaker, State of Groundwater in India (with specific reference to UP), Challenges, Government Policies and Programmes for Water, Sustainability Exchange Programme in association with Western Sydney University (WSU), Australia and University of Lucknow (LU), Centre for Environment Education (CEE), India, November 27th, 2018 and December 5, 2018

ix. Invited speaker, Riverfront Development Projects and Demise of Rivers in Ganga Plain, Can India Rejuvenate Ganga? India River Week IRW 2018, November 24-26, 2018 WWF India, New Delhi.

x. Invited speaker, T2 Lab Workshop and Exhibition, Urban Water System in Gurgaon - Pathways to Sustainable Transformation, September 29 - 30, 2018 organised by TRCSS, JNU and STEPS

xi. Health of Ramganga and Gomti Rivers: Issues & Way Forward, Central Water Commission, Lucknow, September 28, 2018

xii. Multilayered Stakeholders' Dialogue to Build Support for Sustainable Water Resources Management in Koshi River Basin, organized by Institute of Social and Environmental Transition-Nepal (ISET-Nepal), Gorakhpur Environmental Action Group (GEAG) & The Asia Foundation (TAF) August 6 - 7, 2018 (Kathmandu, Nepal)

xiii. Environmental Flows Assessment of Gomti River, 20th Annual Waterkeeper Alliance Conference, June 6 - 10, 2018, Hyatt Regency Buffalo, (New York, USA)

xiv. Socio-environmental Dimensions of Rejuvenating River Gomti, Organized by Lokbharti and DES, BBAU, April 23, 2018.

Dr. Shikha

i. Workshop, Environmental hazards of Electronic waste, Department of Environmental Science, BBAU, Lucknow on 13th March 2019.

ii. Seminar, Status of women in Society and Innovation for reforms, Committee of Basic Facilities for women, BBAU on 08 March 2019

iii. Seminar-PVC degradation by hybrid modification, Science for the people and the people for Sciencem DST-CPR on 28th Feb. 2019

iv. Workshop-Faculty Development Programm, Technology and entrepreneurship Development, DST, GoI New Delhi sponsored Implemented by CTED-EDII, Ahmadabad from 08/01/2019-19/01/2019

v. Untreated sewage killing our lifeline, Socio-environmental dimensions of rejuvenating River Gomti, BBAU-Lokbharti on 23rd April 2018

15. Attended/participated in conferences/seminar/workshop outside the country

Prof. Naveen Kumar Arora

i. Keynote Speaker in International Conference on Food, Agriculture and Animal Sciences (ICOFAAS-2018) organized by SIIRT University, Turkey, held in Antalya, Turkey.October 3-7, 2018.

Dr. Venkatesh Dutta

i. Technology and Innovation - American Academy of Advancement of Sciences (AAAS) Leadership Seminar, Washington DC, 5 - 9 November 2018, (Washinton DC, USA)

ii. Multilayered Stakeholders' Dialogue to Build Support for Sustainable Water Resources Management in Koshi River Basin, organized by Institute of Social and Environmental Transition-Nepal (ISET-Nepal), Gorakhpur Environmental Action Group (GEAG) & The Asia Foundation (TAF) August 6 - 7, 2018 (Kathmandu, Nepal)

iii. Environmental Flows Assessment of Gomti River, 20th Annual Waterkeeper Alliance Conference, June 6 - 10, 2018, Hyatt Regency Buffalo, (New York, USA)

16. Consultancy works if any

Prof. Naveen Kumar Arora

i. Providing consultancy services to Eureka Forbes (Aquaguard).

Dr. Venkatesh Dutta

i. State Water Profile of Bihar, WaterAid India

18. Details invited lecture inside country

Prof. Naveen Kumar Arora

i. Invited Talk in National Conference on 4th National Conference on "PGPR for Sustainability of Agriculture and Environment", organized by Department of Biotechnology, Mizoram University in association with Asian PGPR Society for Sustainable Agriculture (APSSA) at Aizawl, Mizoram.May 11-12, 2018.

ii. Invited Talk in National Conference on Microbial Inoculants for Agriculture and Environmental Sustainability (MAES-2018), organized by Department of Botany and Microbiology, Gurukul Kangri Vishwavidyalaya, Haridwar, Uttarakhand.September 28-30, 2018.

iii. Invited talk in ISMPP 39th Annual Conference & National Symposium on Plant and Soil Health Management: New Challenges and Opportunities, jointly organized by ICAR-IIPR, Kanpur and Indian Society of Mycology and Plant Pathology, Udaipur; held in IIPR, Kanpur.November 16-18, 2018.

iv. Lead Lecture in 6th International Conference on Plants & Environmental Pollution (ICPEP-6) Jointly organized by International Society of Environmental Botanists (ISEB) & CSIR -NBRI, Lucknow.November 27-30, 2018.

v. Keynote Lecture in International Conference on Sustainable Organic Agri-Horti Systems organized by Doctor's Krishi Evam Bagwani Vikas Sanstha,(Doctor's Agricultural and Horticultural Development Society), Lucknow.November 28-30, 2018.

vi. Invited Lecture in Two-week Inter-Disciplinary Capacity Building Program on "Environment and Sustainable Development" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.Nov. 27 to Dec. 7, 2018.

vii. Invited Lecture in Mindshare Conclave on Environment & Cultural Conservation held in Lucknow.January 23, 2019.

viii. Invited Lecture in National Seminar on Biotechnology Interventions in

Agriculture, Health and Industry (BIAHI-2019), Organized by Department of Biotechnology, Deen Dayal Upadhyayay Gorakhpur University, Gorakhpur.February 23-24, 2019.

ix. Invited Talk in National Seminar on Microbial Bioremediation: Novel Approaches and Trends organized by Department of Microbiology, St. Xavier's College, Mapusa, Goa.February 27-March 01, 2019.

x. Invited Talk in National Conference on Recent Trends and Emerging Issues in Microbiology and Pharmaceutical Biotechnology at Gujarat University, Ahmedabad, Gujarat. March 15-16, 2019.

19. Details invited lecture outside country

Prof. Naveen Kumar Arora

i. Keynote Speaker in International Conference on Food, Agriculture and Animal Sciences (ICOFAAS-2018) organized by SIIRT University, Turkey, held in Antalya, Turkey.

Dr. Venkatesh Dutta

i. Technology and Innovation - American Academy of Advancement of Sciences (AAAS) Leadership Seminar, Washington DC, 5 - 9 November 2018, Washinton DC, USA

ii. Multilayered Stakeholders' Dialogue to Build Support for Sustainable Water Resources Management in Koshi River Basin, organized by Institute of Social and Environmental Transition-Nepal (ISET-Nepal), Gorakhpur Environmental Action Group (GEAG) & The Asia Foundation (TAF) August 6 - 7, 2018, Kathmandu, Nepal

20. Details of national award/fellowship

Prof. Naveen Kumar Arora

i. **Travel Grant/ award** from Department of Science and Technology, New Delhi (Grant No. ITS/2019/000593) to attend and deliver lecture in "The Fourth International Congress "Microbial Biotechnology for Development" (MICROBIOD 4), Morocco. (24thApril, 2019 to 26thApril, 2019)"

Dr. Venkatesh Dutta

i. "Kanchan Aron Memorial Award" for 2018 by Swayam Siddha, Lucknow during Environmental Awareness Event 2018 - Living Within Our Ecological Footprints, 23rd August 2018

ii. Travel Award, AAAS Leadership Seminar, Washington DC

iii. Travel Award, ISET-Nepal & The Asia Foundation (TAF), Kathmandu, Nepal

21. Details of research projects major and minor

Dr. Jiwan Singh

i. Development of novel nano materials from waste materials and their applications for removal of inorganic and organic pollutants from the water and wastewater, UGC start up Grant, 10, 00, 000/-.

ii. Synthesis of low cost materials for the removal of arsenic and fluoride from the ground water and wastewater, DST, SERB (Early research carrier award), 12,82, 413/-.

22. Student achievement

I. Faculty wise supervision of the Ph.D degree awarded/submitted/pursuing during the year

Prof. D.P. Singh

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Abhay Prakash Rawat	Awarded
2.	Jyoti	Awarded
3.	Neha Gupta	Pursuing
4.	Ranjan Singh	Pursuing
5.	Kanchan Sonkar	Pursuing
6.	Nisha Yadav	Pursuing
7.	Dig Vijay Singh	Pursuing
8.	Anita	Pursuing

Prof. Rana Pratap Singh

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Swati Sachdev	Awarded
2.	Mohd. Baqir	Awarded
3.	Mahesh Kumar	Submitted
4.	More NandKishor Sonu	Pursuing
5.	Pradeep Kumar	Pursuing
6.	Pawan Kr. Maddhesiya	Pursuing
7.	Dipti	Pursuing
8.	Roli Mishra	Pursuing
9.	Pawan Kumar	Pursuing
10.	Nazia Parveen	Pursuing
11.	Sonam Gupta	Pursuing

Prof. S.K. Dwivedi

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Namita Gupta	Awarded
2.	Ganesh Prasad	Pursuing
3.	Radhey Shyam Sharma	Pursuing
4.	Ashvani Kr. Chaudhari	Pursuing
5.	Suresh Kumar	Pursuing
6.	Priyanka	Pursuing
7.	Vinay Kumar	Pursuing
8.	Ajay Raj Tripathi	Pursuing
9.	Garima Singh	Pursuing

Prof. Naveen Kumar Arora

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Maya Verma	Awarded
2.	Jai Prakash	Submitted
3.	Rishabh Chitranshi	Submitted
4.	Isha Mishra	Pursuing
5.	Tahmish Fatima	Pursuing
6.	Renu Verma	Pursuing
7.	Sushma Verma	Pursuing
8.	Priya Mishra	Pursuing
9.	Priyanka Verma	Pursuing
10.	Ankita Bhattacharya	Pursuing
11.	Chanda Bharti	Pursuing

Dr. Shikha

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Arpna Ratnakar	Pursuing
2.	Shailja Singh	Pursuing

Dr. Venkatesh Dutta

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Urvashi Sharma	Pursuing
2.	Divya Dubey	Pursuing
3.	Saroj Kumar	Pursuing
4.	Kashifa Iqbal	Pursuing
5.	Bhanu Pratap	Pursuing

Dr. Narendra Kumar

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Dhananjay Kumar	Awarded
2.	Sushil Kr. Bharti	Awarded
3.	Sangeeta Anand	Awarded
4.	Poonam	Submitted
5.	Mahiya Kulsoom	Pursuing
6.	Meenakshi Arya	Pursuing

Dr. Richa Kothari

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Shamshad Ahmad	Awarded
2.	Arya Pandey	Submitted
3.	Pradeep Kumar Majhi	Pursuing
4.	Rifat Azam	Pursuing

Dr. Jiwan Singh

S.No.	Scholar's Name	Ph.D. Awarded/ Submitted/ Pursuing
1.	Shalu Rawat	Pursuing
2.	Chandra Bhan	Pursuing
3.	Lata Verma	Pursuing
4.	Nikita Kanaujia	Pursuing

II. Accomplishments of students

- Number of students completed their master's degree :33
- Number of students selected in Civil services: Nil
- Number of students pursuing higher studies: 06
- Number of students placed through campus interview: Nil
- No. of students awarded SLET/NET/ JRF/any other fellowship : 13

23. Google profile of the Faculty members

Prof. D.P. Singh

	All	Since 2014
Citations	3280	2578
h-index	27	25
i-index	57	49

Prof. Rana Pratap Singh

	All	Since 2014
Citations	3896	2306
h-index	35	26
i10-index	77	60

Prof. S.K. Dwivedi

	All	Since 2014
Citations	477	260
h-index	12	10
i10-index	18	10

Prof. Naveen Kumar Arora

	All	Since 2014
Citations	1561	1263
h-index	22	20
i10-index	42	37

Dr. Shikha

	All	Since 2014
Citations	500	406
h-index	13	12
i10-index	15	14

Dr. Venkatesh Dutta

	All	Since 2014
Citations	209	162
h-index	7	6
i10-index	6	5

Dr. Narendra Kumar

	All	Since 2014
Citations	422	344
h-index	8	7
i10-index	8	6

Dr. Jiwan Singh

	All	Since 2014
Citations	1163	1106
h-index	18	18
i10-index	31	29

SCHOOL OF HOME SCIENCES

The School of Home Science came into existence in 2007. The School with its interdisciplinary faculty aims to inculcate and strengthen innovation and analytical skills holistically to achieve sustainable development. Home Science is a unique filed of knowledge, with multidisciplinary approach synthesized from various domains of Sciences, Social Sciences Engineering and Humanities. The enriched curriculum of Home Science do not center only on an individual or a family but caters to the contemporary trends of education in order to meet the rapidly changing demands of society. The School is working as important centre of learning and disseminating knowledge in varied domains, preparing the students to take up professions such as researchers, counselors, nutritionists, interior designers, fashion designers, social workers, administrators, CAD professionals, teachers, extension personnel etc.

1. **Number of Departments: -** 01 Department of Human Development and Family Studies
2. **Number of faculty in Department** – 05
3. **Citation Index of the school:** 1335
4. **Any other information-** The School is running one year diploma programme in Dietetics & Nutrition under Community College.

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

The Department of Human Development and Family Studies came into existence under School of Home Science in the year 2007. The Department is functioning with an aim to prepare enthusiastic professionals and leaders by grooming the students holistically through exposure to wide spectrum of knowledge. The Department offers a two year instructional post graduate programme leading to a Master of Science (M.Sc.) in Human Development and Family Studies and M.Sc. in Food Science & Technology 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 one Professor, one Associate Professors and three Assistant Professor from diverse fields of specialization, who are instrumental in imparting high standard of education to the students.

The Department organises regular seminars on every Friday, where students are given opportunity to speak on topic of their choice in order to harness their oratory skills on different traditional and contemporary aspects of the field of Home Science. The Department 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. The Department trains and strengthens the students to enhance their self sufficiency and over all development for their future success.

1. Courses offered

i. M.Sc. Human Development & Family Studies

ii. M.Sc. Food Science & Technology

iii. Ph.D. Home Science

2. Facilities available in the Department;

a) Psychometric Lab

b) Model development lab

c) Food analysis Lab

d) Microbiology Lab

e) Bakery and Confectionary Lab

f) Computer Lab

g) Departmental Library

h) Seminar hall - for enhancing the technical and oratory skills of the students

3. Details of the Faculty;

i. Prof. Sunita Mishra,

Professor & Dean, School of Home Sciences

Specialization:Foods & Nutrition

Qualification:Ph.D., D.Litt. Diploma in French

ii. Dr. U.V. Kiran

Associate Prof. & Head, HDFS

Specialization: Resource Management & Consumer Sciences

Qualification:Ph.D.

iii. Dr. Neetu Singh

Assistant Professor

Specialization: Foods & Nutrition

Qualification:Ph.D.

iv. Dr. Shalini Agarwal

Assistant Professor

Specialization: Family Resource Management

Qualification:Ph.D.

v. Dr Khwairakpam

Assistant Professor

Specialization: HD&FS

Qualification:Ph.D.

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

Department organised Nutrition week on September, 2018.

NISC-2018- International conference on Science & Technology for sustainable future

5. Other Departmental level Academic Activities

i. 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 as well as innovative skills on different traditional and contemporary aspects of the field of Home Science.

ii. The University adopted eight villages like Sisandi, Dhauasand, Mohan Lal Ganj etc. under Community College Services scheme where School of Home Science actively participates in taking up community level activities in all the villages through sensitization and awareness workshops, skill training programmers and other activities.

iii. As a part of the curriculum, the students organises activities at old age homes, slums and Schools in rural areas.

6. Details of the memorandum of understanding signed with national/ foreign institutions, if any;

MOUS with one scientific lab and one organisation initiated.

7. Co-curricular/Extra-curricular/Sports Activities by the Department

The students are encouraged to regularly participate in competitions held at School and University level i.e. essay writing competitions, elocution, poster making competition, recipe making competition, rangoli making competition. Extra-curricular and Co-Curricular activities are conducted regularly and student's skills are harnessed and encouraged.

8. Visitors of Department from inside the country (during 01.04.2018-31.03.2019);

i. Prof . Arti Sinha, Director, Planning, Bihar Agricultural University

ii. Prof. N. Vasugi , Dean, College of Home Sciences, Avinashlingam University of Science & Technology for women

iii. Prof. Suman Bhanott, Prof(Retd.), College of Home Science, NDUA&T, Faizabad

iv. Prof. Indira Bishnoi, Professor, Dept of Home Science, BHU, Varanasi

v. Prof. Archana Chakravarthy, Professor, Dept of Home Science, BHU, Varanasi

vi. Prof. Kalpana Gupta, Head, Deptt. of HDFS, Mahila Maha Vidyalaya, BHU, Varanasi

vii. Dr. Vandana Singh, Associate Professor Mahila Maha Vidyalaya, Aminabad, Lucknow

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

Prof. Sunita Mishra

i. European Association of Agricultural Economics (EAAE) - Life Member

ii. The Hague Netherland- Life Member

iii. Global Communication Research Association, Sydney Australia- Life Member

iv. Physician Association for responsible medicine, Washington DC, U.S.A.- Member

v. Virginia College of Osteopathic medicines Blacks Burg, Virginia, U.S.A. - Member

vi. Home Science Association of India & Vice President (North) -Life Member

vii. Nutrition Society of India- Life Member

viii. Indian Dietetics Association - Life Member

ix. Indian Journal of Preventive and Social Medicine - Life Member

x. Indian Journal of Community Psychology - Life Member

xi. Social Science Congress - Life Member

xii. Science Congress - Life Member

xiii. CEPRE , a project under IMS BHU– Member

xiv. Punjab Agriculture University , Punjab - Doctoral committee Member

xv. Utkal University , Bhubaneswar - Doctoral committee Member

xvi. University Of Hissar -Doctoral committee Member

xvii. Berhampur University , Berhampur - Doctoral committee Member

xviii. Banaras Hindu University, Varanasi - Doctoral committee Member

xix. Allahabad University, Allahabad - Doctoral committee Member

xx. VBS Purvanchal University, Jaunpur - Doctoral committee Member

Dr. U.V. Kiran

i. Editorial BoardAsian Journal of Home Science-Member

ii. Editorial Board Food Science Research Journal-Member

iii. Editorial Board International Journal of Science & Technology-Member

iv. Indian Gerontological Association - Life Member

v. International Science Congress Association- Life Member

vi. Indian Ergonomics Association- Life Member

vii. Home Science Association of India- Life Member

viii. Indian Science Congress Association- Life Member –

ix. Asean Regional Association for Home Economics- Life Member

x. Asian Journal of Home Science - Life Member

xi. Zoological Society of India- Life Member

Dr. Neetu Singh

i. Zoological Society of India - Life Member

ii. Indian Dietetics Association of India - Life Member

iii. Preventive and Social Medicine of India - Life Member

iv. The Indian Public Health Association - Life Member

v. Indian Association of Micro nutritionist, Human Nutrition Unit, AIIMS, New Delhi, -Life Member

vi. Kabir Peace Mission, Lucknow - Life Member

vii. Lymphology Society of India - Member

viii. WECAN - Executive member

ix. Health Resource Gyan Vigyan Samiti - Member

x. Home Science Association of India - Life Member

xi. Nutrition Society of India - Life Member

xii. International Epidemiological Association - Life Member

xiii. Malviya Peace Mission - Life Member

xiv. Asian Journal of Home Science - Editorial board member

Dr. Shalini Agarwal

i. Home Science Association of India- Life Member

ii. Indian Society of Ergonomics - Life Member

iii. Indian Ergonomic Association-Life Member

iv. Indian Science Congress - Life Member

v. Asian Journal of Home Science-Life Member

vi. ICOH (International Commission on Occupational Health)- applied - Member

Dr. Khwairakpam Sharmila

i. Home Science Association of India - Life Member

ii. Board of Post Graduate Studies (BPGS), School for Home Science - Member

iii. Departmental Research Committee (DRC), School for Home Sciences- Member,

10. Details of Books written/edited by faculty members

Prof. Sunita Mishra

Book Authored : 03

i. To assess visually Handicapped children gender across of Lucknow City, Lambert Publication.

ii. A study on knowledge about government schemes for the elderly people, Lambert Publication.

iii. Elderly well being: in institutionalized and non institutionalized, Lambert Publication.

11. Details of Book Chapter in edited volume

Prof. Sunita Mishra

Chapter in Books : 04

12. Papers published during the year by the faculty members (during 01.04.2018-31.03.2019)

Prof. Sunita Mishra

i. Chaudhary Sweta and **Mishra Sunita** (2019), 'Plant Archives: Phytotoxicity assessment of four different season's kitchen waste compost at different level of concentration on mungbeans (Vigna radiate (L.)'. ISSN-0972-5210; Vol. 19 No. 1, 2019 pp 643-651.

ii. Chaudhary Sweta and **Mishra Sunita**: 'Effect on physico-chemical: and microbial properties of kitchen waste compost (KWC)- using potential fungal inoculants'. Indian Journal of Agricultural research: (www.arccjournal.com, A-5202)

iii. Verma Sweta and **Mishra Sunita** (2019), 'Preparation and Nutritional Composition of Noodles and Papads using Ragi Flour Indian' International Journal of Science and Research (IJSR); ISSN-2319-7064, Volume 8 Issue 2, February 2019

iv. Rai Swati and **Mishra Sunita** (2018), 'Nutraceuticals and functional foods: an approach to improve the human health' Volume : 08, issue : 09, Date : May 2018.

v. Gupta S and **Mishra Sunita** (2018), 'Utilization of Cassava flour based nutrient energy bars & its Organoleptic properties evaluation', International Journal of Current Research.

vi. Dubey P and **Mishra Sunita** (2018), 'Effect of okra seed in treatment of hypoglycemia: A research framework using STZ induced rat', Journal of Medicinal Plants.

vii. J. Ajith and **M. Sunita** (2018), 'A Study on Bread Mould Spoilage by Using Lactic Acid Bacteria and Yeast with Antifungal Properties', American Scientific Publishers.

viii. Dubey P and **Mishra Sunita** (2018), 'Antibiotic effect of Okra Seeds In Streptozotocin-induced Diabetic Rats' International Journal of Plant, Animal and Environmental Sciences.

ix. Singh Shilpa and **Mishra Sunita (2018),** 'Identify the Impact of ICTs in Secondary

School Education Students in Government and Private Schools', International Journal of Trend in Scientific Research and Development.

x. Ajith J, **Sunita M** (2018), 'A Study on Bread Mould Spoilage by Using Lactic Acid Bacteria and Yeast with Antifungal Properties', Edelweiss Applied Science and Technology. Published: Jan 12, 2018.

xi. Mall N. and **Mishra Sunita** (2018), 'Traditional and modern method of processed foods and its application', International Journal of Food Science and Nutrition,

xii. Keshwani D. and **Mishra Sunita** (2018), 'Preparation, Processing and Nutritional Attribute of Mango By-Products', International Journal of Science and Research.

xiii. Keshwani D. and **Mishra Sunita** (2018), 'Utilization of mango and its by-products by different processing methods', Asian Journal of Science and Technology.

xiv. Gupta S. and **Mishra Sunita** (2018), 'Nutrient Energy Bars Mainly Formulated for Athletes', International Journal of Science and Research.

xv. Mall N. and **Mishra Sunita** (2018), 'Effects of food additives and preservatives and shelf life of the processed foods' Asian Journal of Science and Technology.

xvi. Gautam P. and **Mishra Sunita** (2018), 'Alleviating malnutrition among rural children by using moringa leaves', International Journal of Current Research in Life Science.

xvii. Gautam P. and **Mishra Sunita** (2018), 'Dietary Benefits of Incredible Plant Moringaoleifera Leaves', International Journal of Science and Research.

xviii. Ankita and **Mishra Sunita** (2018), 'Development of value added anaemic soup powder and its beneficial effect', Asian Journal of Science and Technology.

Dr. U.V. Kiran

i. Tripathi Khushboo and Kiran, U. V. (2018). Assessment of self-esteem of street children International journal of Home Science.

ii. Tripathi Khushboo and Kiran, U. V.2018. A Study on self-esteem and emotional intelligence among street children Indian Journal of Applied Research.

iii. Parenting style and social anxiety among adolescents International Journal of Applied Home Science, 5(1);2018

iv. A study on barrier free environment for differently abled in railway stations International journal of research, 5(12): 2018

v. A study on Infrastructural facilities for disabled in banks International Journal of Current Research & Review, 9(15)

vi. Assessment of self esteem of street children International Journal of Home Science, 4(3): 2018.

vii. A Study on self esteem and emotional intelligence among street children Indian Journal of Applied research, 8(11): 2018

viii. Networking sites and its impact on life satisfaction among women International Journal of Advanced Research &development, 3(4): 2018

ix. Impact of using social media on the life satisfaction among women International Journal of Home Science, 4(3): 2018

x. A study on relationship in emotional intelligence among normal and differently abled adolescents International Journal of Research , 5 (12): 2018

xi. Psychological well being and emotional competence among children living in shelter home and street International Journal of applied social science, 5(12): 2018

xii. Bio medical waste: Health Hazards Among Rag Pickers International Journal of Scientific Research and Review,8(5);2018

Dr. Neetu Singh

i. Tripathi Priyanka, **Singh Neetu** and Dayal Bhawana (2019), 'A study on menstrual symptoms and related personal hygiene practices among women', Journal of emerging technologies and innovative research, 6(5), 669-673, **IF 5.87**.

ii. Anukriti and **Singh Neetu** (2019), 'An infection causing ropot factor for non-sexual transmission of sexually transmitted disease', International journal of applied social science 6(4), 886-890, **IF;5.734**

iii. Madhu and **Singh Neetu** (2019), 'Accelerate role of prebiotic for probiotic in intestinal tract', International journal of applied social science 6(4), 886-890, **IF; 5.734.**

iv. **Singh Neetu** (2018) 'Effectiveness of Developed Low Cost Adulteration Kit Towards Consumer Awareness and Food Adulteration, Hi- Tech Horticultural Society', Annals of Horticulture 11 (2) : 131-140.

v. DayalBhawana And **Singh Neetu** (2018), 'Association Between Knowledge Attitude And Practice On Cardiovascular Disease Among Early Adults of Lucknow City', US National Library of Medicine, Enlisted Journal, AI Ameed J Med Sci : 11 (1) : 59-65, **IF;4.028**.

Dr. Shalini Agarwal

i. Singh S and **Agarwal S**. (2018). 'Online gaming addiction among adolescents across gender: A comparative study', *Indian Journal of Home Science*. 4(3): 128-130

ii. Bavita and **Agarwal S**. (2018). 'Assessment of autism among children across age', International Journal of Applied Home Science. Volume 5 (4), April: 800-804

iii. Bavita and **Agarwal S**. (2018). 'Assessment of level of autism among children across gender', *International Research Journal of Human Resources and Social Sciences* . Volume 5, Issue 04, April , 318-326.

iv. Bavita and **Agarwal S**. (2018), 'Social development in children with Autism: A review paper', *Indian Journal of Social Research*. Volume 59(4). July.- August. 547-553.

v. Bavita and **Agarwal S.** (2018). 'Assessment of autism among children across gender', *Indian Journal of Social Research*. Volume 59(5). Sept.- Oct. 687-694.

vi. Dayavanti and **Agarwal S.** (2018), 'Self esteem of working elderly according to age', *International Journal of Research*. Volume 5 (12). April. 5548-5542

vii. Dayavanti and **Agarwal S.** (2018),

'Assessment of Self esteem of working and non-working elderly', *International Journal of Research*. Volume 5 (15). May. 2517-2523.

viii. Singh A and **Agarwal S**. (2018), 'Occupational stress among nurses: Associated factors & coping strategies', *International Journal of Home Science*. August, Volume 4(3). 9-14.

ix. Singh A and **Agarwal S**. (2018). 'Occupational stress among nurses: Identification of associated factors related to occupational stress among nurses', *International Journal of Home Science*. August, Volume 4(3). 138-141

x. Singh A and **Agarwal S**. (2018), 'Estimates of simple correlation coefficients along with coping strategies against occupational stress among nurses', *International Journal of Home Science*. August, Volume 4(3). 131-137.

Dr. K. Sharmila

i. Mourya D and **Sharmila K** (2018) Purpose of using social networking sites by adolescents. *International Journal of Advanced Educational Research* **3(1):** 34-38.ISSN: 2455-6157 Impact Factor: RJIF 5.34

ii. Shailja D, **Sharmila K** and Mishra S (2018) Substance abusive behaviour among drivers in Lucknow city. International Journal of Home Science. *International Journal of Research in Humanities, Arts and Literature*. **6(10):**49-54. ISSN (E) 2321-8878 Impact Factor (JCC): 3.7985; NAAS Rating: 3.10

iii. Shailja D, **Sharmila K** and Mishra S (2018) Behavior pattern induced by drug and substance abuse among drivers in Lucknow city. *International Journal of Home Science***4(3):** 67-70.ISSN: 2395-7476 Impact Factor: RJIF 5.3, Naas Rating: 3.32

13. Attended/participated in Conferences/seminar/workshop inside country;

i. **Prof. Sunita Mishra** attended and participated an invited lecture on National Training on "Recent Advances in Functional and Neutraceuticals for Future Foods"July, 2019, Center for Advanced Agricultural Science & Technology on Nutritonal Crops, Chandra Shekhar Azad Univ. of Agri. & Tech. Kanpur.

ii. **Dr. U.V. Kiran** participated in National Seminar on Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future, organized by Babasaheb Bhimrao Ambedkar University, Lucknow, held on 14th April, 2018.

iii. **Dr. U.V. Kiran** participated in Designing of Solar smart cane for visually impaired National Science Day Celebration - 2018 BBAU, Lucknow

iv. **Dr. U.V. Kiran** attended International Symposium on "Recent trends in agriculture, biodiversity and social sustainability (ABSS 2018)Blue Planet Society, Allahabad.

v. **Dr. Neetu Singh p**articipated in one day seminar on international women's day"*samajmemahilaokisthiti avampari vartan keliyenavicchar"* organised by committees for basic facilities for women BBAU Lucknow 8 march 2019.

vi. **Dr. Neetu Singh** participated in National Seminar on Dr. Ambedkar:

Interdisciplinary Ideology on Aspirations for the Nation's Better Future, organized by Babasaheb Bhimrao Ambedkar University, Lucknow, held on 14th April, 2018

vii. **Dr. Shalini Agarwal p**resented a poster on " Occupational health hazards faced by workers working in bakery industry" in the National Seminar on Impact of Social Change and Technology on Family and Community, organized by Department of Home Science, Mahila Mahavidyalaya, BHU, Varansi dated 11th-12th March, 2019.

viii. **Dr. Shalini Agarwal** presented a paper on Role of Parents and Teachers in Combating Menstrual Issues in the International Seminar on Towards Sustainable Women Health: Decoding the Menstrual Taboo, organized by Maharaja Bijli Pasi Govt. P.G College, Lucknow, 1st- 2nd Feburary, 2019.

ix. **Dr. Shalini Agarwal** presented a paper on Attitude of Adolescents towards Yoga: concern for today in Internation Conference on Sustainable Development: Strategies and Emerging Trends organized by Netaji Subhash Chandra Bose Govt. P.G. Girls College, Aliganj, Lucknow 16th 17th November, 2018.

x. **Dr. Khwairakpam Sharmila,** presented a paper entitled Un-contacted Tribes of India on 01.01.2019 during Two Week Faculty Development Programme on Ensuring Excellence in Teaching/ Learning/Research in Higher Educational Institutions Using ICT" at Department of IT, BBAU

xi. **Dr. Khwairakpam Sharmila** presented a paper on Menstrual Hygiene: The Unmet Needs of Adolescents in International Seminar on "Towards Sustainable Women Health: Decoding the Menstruation Taboo" on 1st and 2nd February, 2019 at Maharaja Bijli Pasi Govt. P.G.College.

xii. **Dr. Khwairakpam Sharmila** presented a paper on The rise of single parent families: reasons, risks and effects in two days National Conference on Impact of Social Change and Technology on Family and community organized by Department of Home Science, mahila Mahavidyalaya, BHU, Varanasi held on March 11-12, 2019.

xiii. **Dr. Khwairakpam Sharmila** participated in a One day awareness workshop on entrepreneurship development possibilities based on MGIRI technologies on 15th February, 2019 organized by Department of Zoology, BBAU.

xiv. **Dr. Khwairakpam Sharmila** presented a paper on "Exploring the relationships between quality education and sustainable development" at International Conference on Sustainable development: Strategies and emerging trends on 16-17 November, 2018 at Netaji Subhash Chandra Bose Government Girls P.G. College.

14. Attended/participated in Conferences/seminar/workshop Outside country;

i. Prof. Sunita Mishra attended & participated in Conference 2nd Global Meet on Science and Technology for ensuring quality (International Seminar) life held at Bali.

ii. Dr. Neetu Singh Lead presentation entitled effectiveness of developed low

cost adulteration kit towards consumer awareness and food adulteration, on the occasion of international conference on 2nd global meet on science& technology for ensuring quality life (GMST 2018) held during 13-18 November 2018 at Bali (Indonesia)

15. Details of policy report

i. LOCF UGC report on Home Science (Complete Graduation Course) submitted in 2019

ii. ECCE Manual (ISBN/NCERT) 97893-5292-084-6Topic: Resource package for awareness in early childhood care and education.

16. Details of invited lectures inside country

i. Prof. Sunita Mishra invited lecture on Tribal rights: issues and challenges, Council of analytical tribal studies (COATS), and central University of Odisha, Koraput 2018.

ii. Prof. Sunita Mishra invited lecture on Toxicants and Allergens in Food School of Legal Studies Deptt. of Human Rights BBAU, Lucknow 2018.

iii. Hearts Disease and Dietary Guidelines School of Home Science, Deptt. of HD&FS BBAU, Lucknow.

iv. Dr. U.V. Kiran delivered a lecture on Occupational Health Hazards among construction workers, North Indian Science Congress – 2018, BBAU, Lucknow.

v. Dr. U.V. Kiran participated in International seminar on Revisiting Modern Indian Thinkers in contemporary contextsBBAU, Lucknow.

vi. Dr. U.V. Kiran invited lecture on Control of Tribolium castaneum Herbst. Using non hazardous biological products Animal Science Congress: Horizons in Zoological Studies -2018 Dept of Zoology, School of Biological sciences, University of Kashmir.

vii. Dr. U.V. Kiran invited lecture on Children at work- Socio-economic sustainability International Conference on Sustainable Development: Strategies & Emerging trends, 2018 Netaji Subash Chandra Bose Govt Girls P. G. College, Lucknow

viii. Dr. Neetu Singh invited lecture on Fruit based interventions for micronutrient deficiency mitigation at ICAR – central institute for subtropical horticulture Rahman khera Lucknow on 19th November 2018.

ix. Dr. Neetu Singh invited lecture on Knowledge associated with cvd among early adulthood at 5th national conference of non-communicable diseases and societal health: a home scientist approach organised by faculty of home science, shriagrasenkanya P.G graduate college Varanasi India from 5th – 6th October 2018.

17. Details of invited lectures outside country

i. **Prof. Sunita Mishra** invited as Key note speaker in International Seminar 2nd Global Meet on Science and Technology for ensuring quality (International Seminar) life held at Bali.

ii. **Prof. Sunita Mishra,** Academic Visit Michigan, USA – 2018

iii. **Prof. Sunita Mishra,** Academic Visit Muscat, - 2018

18. Details of National Awards/ fellowship

i. **Dr. U.V. Kiran, Appreciation Award-2018** for rendering outstanding services

for the development of the University on the occasion of Foundation day.

ii. **Dr. U.V. Kiran,** Awarded Best faculty for teaching Innovations by GESA-2019

iii. **Dr. U.V. Kiran,** Congress of Zoology Medal-2018 by Zoological Society of India

iv. **Dr. U.V. Kiran,** Innovative Faculty Award by Blue Planet Society-2018, India

v. **Dr. Neetu Singh,** Awarded by U.P. Ratan award-2018 for outstanding contribution in the area of Social Work by All India Conference of Intellectuals, Lucknow

19. Details of international Awards/ fellowship

Prof. Sunita Mishra

i. Life time achievement award-2018 by Society for Recent Development in Agriculture in the 2nd Global Meet on Science and Technology for ensuring quality (Internationl Seminar) life held at Bali 13 to 17th November, 2018.

ii. Dr. Neetu Singh, AwardedYoung scientist award -2018 on the occasion of international conference on 2nd global meet on science& technology for ensuring quality life (GMST 2018) held during 13-18 November 2018 at Bali (Indonesia).

iii. Dr. Neetu Singh, AwardedBest Oral presentation award -2018 for paper presentation entitled effectiveness of developed low cost adulteration kit towards consumer awareness and food adulteration, on the occasion of international conference on 2nd global meet on science& technology for ensuring quality life (GMST 2018) held during 13-18 November 2018 at Bali (Indonesia).

20. Students achievements

I. Ph.D. Degree awarded

SI. No.	Students	Supervisor	Title	Fellowship availed / availing
1.	Mrs. Poorva Dubey	Prof. Sunita Mishra	Impact of Okra Seed *(Abelmoschus Esculenutus)* in lowering the blood sugar and cholesterol level	UGC
2.	Ms. Chanchal Rana	Prof. Sunita Mishra	Impact of multimedia and e-education on the academic performance of school going children.	NHFE
3.	Mrs. Archana Singh	Dr. U. V. Kiran	Accessibility of thedifferently abled in public places: an empirical analysis	UGC
4.	Ms. Bavita	Dr. Shalini Agarwal	Evaluation and Designing ofTLM (Teaching Learning Material) for children with autism.	UGC
5.	Ms. Bhawana Dayal	Dr. Neetu Singh	A Retrospective study on cardiovascular disease "at risk in early adulthood: Measuring by KAP and their Nutritional Management"	UGC/JRF

II. Ph.D. Thesis submitted

SI. No.	Students	Supervisor	Title	Fellowship availed / availing
1.	Mrs. Shweta Chaudhary	Prof. Sunita Mishra	Enrichment of Organic Kitchen Waste through Microbial Inoculation and its application quality	UGC

III. Ph.D. Students Pursuing

SI. No.	Students	Supervisor	Title	Fellowship availed / availing
1.	Deepti Singh	Prof. Sunita Mishra	Urban & Semi Urban high school students comparison in respect to e-learning resources their dependency and effect on academic performance	----
2.	Swati Rai	Prof. Sunita Mishra	An Epidemiological study on Iron Deficiency Anemia and its Impact on the Health Status of the Reproductive Age Women	JRF
3.	Neeraj Kumar Tyagi	Prof. Sunita Mishra	Efficacy and Development of premix as a Nutrigenomics super food for life style related diseases	UGC
4.	Ruchi Verma	Prof. Sunita Mishra	Food Safety and Security aspects of Streets foods: An Interventional Study	UGC
5.	Ms. Monika Patel	Prof. Sunita Mishra	A Study on Shelf Life of Food through Smart Packaging using Nanotechnology	UGC
6.	Mrs. Deep Shikha	Prof. Sunita Mishra	Nutritional Assessment of Patients undergoing Haemodialysis at Dialysis centre in Central Urban Lucknow	UGC

SI. No.	Students	Supervisor	Title	Fellowship availed / availing
7.	Ms. Santoshi	Dr. U.V. Kiran	Health Hazards among ragpickers (<14years)-An Interventional Study	UGC
8.	Ms. Utpal Verna	Dr. U.V. Kiran	Socio-economic status and Quality of Life of Transgender- A correlation study	UGC
9.	Ms.Padmini Pandey	Dr. U.V. Kiran	Health hazards among the Painters and Paint manufacture workers – A comparative analysis	UGC
10.	Ms. Nidhi	Dr. Neetu Singh	An Interventional Study on nutrient composition of breast milk through Nutritional Supplementation	UGC
11.	Ms. Anukriti	Dr. Neetu Singh	Optimisation and Shelf life study of Vegetables by different drying methods	UGC
12.	Ms. Madhu	Dr. Neetu Singh	Functional Probiotic yoghurt fortification with vitamin-c rich fruits	UGC
13.	Mrs. Priyanka Tripathi	Dr. Neetu Singh	Effect of some health educational methods in enhancing the knowledge about reproductive health of early married women.	JRF
14.	Rasnika Amra	Dr. Shalini Agarwal	Building Resiliency among Children against Bullying through Participatory Approach.''	RGNF
15.	Poonam Verma	Dr. Shalni Agarwal	Mental Well being and occupational Health Safety Vulnerability among migrants of Lucknow City.	JRF

SI. No.	Students	Supervisor	Title	Fellowship availed / availing
16.	Gayatri Prajapati	Dr. K. Sharmila	Impact of Assistive Devices on Emotional and Mental Wellbeing if Elderly	JRF
17.	Ratna Dixit	Dr. K. Sharmila	Fathers' Absence and its impact on Wellbeing of mothers and children	UGC
18.	Monica	Dr. K. Sharmila	---------	UGC

II. Accomplishments of Students

Number of students completed their Master/ Graduation/ Diploma	M.Sc. (HD&FS)	13
	M.Sc. (FST)	17
	Diploma in Dietetics & Nutrition	15
Number of students selected in Civil Services	UPPSC	----
	UPSC	----
Number of students pursuing higher studies	Ph.D.	02
Number of students selected on other government jobs/banking/School teaching etc	Govt. Job	03
	Teaching	02
	Job	03
Number of students placed through campus interview	---	-----
Number of students awarded SLET/NET/JRF/any other fellowship	NET	07
	JRF	01

21. Any other special achievements recorded by the students

Students also participated in Swachh Bharat, Gender Sensitization, Unnat Bharat Abhiyan, Activities under women cellof the University.

22. 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. (2018-19)

23. Google profile of the faculty members

i. Prof. Sunita Mishra

	All	Since 2014
Citation -	983	715
H-index -	14	13
I10-index -	26	20

ii. Dr. U.V. Kiran

	All	Since 2014
Citation-	170	162
H-index-	7	7
I10-index -	3	3

iii. Dr. Neetu Singh

	All	Since 2014
Citation -	69	36
H-index-	3	3
I10-index-	1	1

iv. Dr. Shalini Agarwal

	All	Since 2014
Citation -	110	106
h-index-	6	6
I10-index-	2	2

v. Dr. K. Sharmila

	All	Since 2014
Citation-	3	3
h-index-	1	1
I10-index-	0	0

SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY

The School for 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, Information Technology and Mass Communication & Journalism. Information Technology is gaining importance as a key resource for the economic, social, cultural and political development of a nation. In a fast developing country like ours availability of right information at the right time and at the right cost becomes very essential. In a nutshell, India needs to pay much more attention to the information sector, if it wants to achieve efficiency and effectiveness while utilizing its vast resources. Presently, the School for Information Science & Technology has four departments i.e., Department of Library and Information Science, Department of Computer Science, Department of Information Technology, Department of Mass Communication and Journalism. All the four departments are running Post Graduation courses at the Masters level and Ph.D. programmes.

Students in these schools 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, Library & Information Science and Mass Communication & Journalism. Through their sustained efforts and expertise our faculty are jointly helping to guide and direct the course of development of the students in the fields of Information Science & Technology and thus involved in shaping the leaders of tomorrow.

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. course in Information Technology. It is developed to assist and encourage graduate to build on their under graduate knowledge in Information Technology. The Department also offers PhD programme in Information Technology. The Department has established a Computing Lab. An Internet facility is also available. The final semester students are motivated to develop real time projects in reputed organizations. Seminars and Group Discussions are a regular feature of DIT. Course curriculum of M. Sc. (IT), M. Sc (IS), M. Tech. (SE) and Master of Science in Cyber Security has been prepared on consultation with the industry professional and practitioners. We are planning to modify/ update course curriculum regularly in

consultation with the experts to abrupt our students with the latest development in the area of Information Technology. 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. The faculty members have published number of articles in National and International Journals and Proceedings. Most of the faculty members are the member of various bodies/association of their area of expertise. 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 IT. In addition to the academic development, proper attention is also given towards the personal development of students in co-curricular activities. In the Department currently approx 20 Ph. D. scholars are working in the various field of software engineering.. In a very short span of tine the DIT has carved a niche for itself among the reputed institutions of the country imparting quality IT education.

Evolution

Teaching- Major Focus of the department has been on imparting knowledge and developing skills related to the Information Technology. Case method of teaching is used to supplement the lectures delivered by the faculty to the students of Information Technology. The students are exposed to industry through industrial visit, summer training and project work.

Research- Heavy emphasis is laid on fundamental and applied research in different areas of Information Technology. The Department has been undertaking major as well as minor research project sponsored by various funding body (like UGC, UPCST etc.) at state as well as national level.

1. Courses offered/New Courses

i. Master of Science (Information Technology)

ii. Master of Technology (Software Engineering)

iii. Master of Science (Information Security)

iv. Master of Science in Cyber Security (Evening

v. PhD (Information Technology)

2. Details of faculty

i. Prof. R. A. Khan

Dean, School for Information Science Technology

Professor & Head

Specialization: Software Quality Estimation, Software Testing, Software Security.

Qualification: MCA. PhD

ii. Dr. Raj Shree

Assistant Professor

Specialization: Mobile Ad Hoc Networks, Wireless Sensor Network, Routing, Security,Image Processing

Qualification:MCA, M.Tech., NET, Ph.D

iii. Dr. Pawan Kumar Chaurasia

Assistant Professor

Specialization Software Engineering, Data Mining

Qualification:MCA, PhD

iv. Dr. Dhirendra Pandey

Assistant Professor

Specialization Software Engineering, Requirement Engineering

Qualification:MSc (Computer Sc.), MPhil (Computer Sc.), PhD (Computer Sc.), JRF-NET

v. Dr. Alka

Assistant Professor

Specilization: Software Security, Information Security

Qualification:M.C.A., Ph.D.(IT), GATE, NET

3. Co-curricular/Extra-curricular/ conferences event organized by the Department

Two weeks Training Course on Cyber from 01.02.2018 to 15.02.2018

4. Members/followship of professional/academic bodies/ editorial board

Dr. Raj Shreex

i. Associate Lifetime Member of Computer Society of India.

ii. Life time Member of Uttar Pradesh Association for Science and Technology Advancement (UPASTA), India.

iii. Life Member of Indian Science Congress Association, India.

iv. Member of Institute of Electrical and Electronics Engineers.

v. Member of Association for Computing Machinery

vi. Member of International Association of Engineers (IAENG)

Dr. Dhirendra Pandey

i. Member, BoS, Sarguja University, Sarguja

ii. Member, BoS, DIT, BBAU

iii. Member, School Board, SIST, BBAU

iv. Member, DRC, DIT, BBAU

v. Member, UPAST, UP

vi. Member, Vijnana Bharti, Awadh Prant

Mr. P.K. Chaurasia

i. Life Time Membership, Computer Society of India, New Delhi.(Membership No - I151040).

ii. Life Time Member, Uttar Pradesh Association for Science and Technology (UPASTA), Lucknow (Membership No. 274/293).

iii. Member, School Board SIST, School for Information Science and Technology, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.

iv. Member, Grievance Redressal Committee (GRC), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.

v. Member, Board of Post Graduate Studies (BPGS), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.

5. Details of Book Chapter in edited volume

i. **Neeraj Kumar, Alka Agrawal, R. A. Khan (2018)**, "Smartphone with solar charging mechanism to issue Alert during Rainfall Disaster", International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2017: Data Science and Analytics CCIS series of Springer, pp 442-449, 08 March 2018.

ii. Sankhwar S., Pandey D., **Khan R.A. (2018),** A Novel Anti-phishing Effectiveness Evaluator Model. In: Satapathy S., Joshi A. (eds) Information and Communication Technology for Intelligent Systems (ICTIS 2017) - Volume 2. ICTIS 2017. Smart Innovation, Systems and Technologies, vol 84. Springer, Cham

iii. Sankhwar S., Pandey D., **Khan R.A. (2018),** A Step Towards Internet Anonymity Minimization: Cyber-crime Investigation Process Perspective, In: Satapathy S., Frontiers in Intelligent Computing: theory and Application (FICTA), 2017, Vol. 701 Springer Nature.

iv. **Dhirendra Pandey** A Novel Anti-phishing Effectiveness Evaluator Model, Smart Innovation, Systems and Technologies. Springer, 978-3-319-63644-3.

6. Paper published during the year by the faculty member

Prof. R. A. Khan

i. Jasleen Kaur, **Alka Agrawal**, **Raees Ahmad Khan** (2018), "Major Software Security Risks at Design Phase", ICIC Express Letters - An International Journal of Research and Surveys, Volume 12, Number 10 (To be appeared), October 2018. (ISSN 1881-803X) (Scopus).

ii. Jasleen Kaur, Rajeev Kumar, **Alka Agrawal**, Suhel Ahmad Khan, **Raees Ahmad Khan**, Ramesh Kumar Choudhary, Adaptive Neuro-Fuzzy Inference System for Security Risk Assessment: A Design Perspective, Frontiers of Information Technology & Electronic Engineering, Springer. (IF: 0.622) Accepted.

iii. Nilu Singh, **Alka Agrawal**, Chandra S, **Khan R. A**. (2018), "A Framework for Speaker Recognition System", Journal of Biostatistics and Biometric Applications, App 3(1): 107, pp. 1-9.

iv. Nilu Singh, **Alka Agrawal** and **Khan R. A**. (2018), "The Development of Speaker Recognition Technology", International Journal of Advanced Research in Engineering and Technology, 9(3), pp. 8–16.

v. Nilu Singh, **Alka Agrawal** and Khan R. A. (2018), "Voice Biometric: A Technology For Voice Based Authentication", Advanced Science, Engineering and Medicine (EISSN: 2164-6635), vol.10, pp. 1-6.

vi. Gayatri Kapil, **Alka Agrawal**, **R.A. Khan** (2018), **"Future Challenges and Directions of Big Data: Security Perspective",** accepted in ICIC Express Letters, An International Journal of Research and Surveys (ISSN 1801-003), vol. 12, number 9, September.

vii. Gayatri Kapil, **Alka Agrawal**, **R.A. Khan** (2018), **"Security and privacy: Big Data Perspective",** accepted in Asian Journal of Computer Science and Technology (AJCST/ 838/2018)

viii. Kanika, **Alka Agrawal**, and **R. A. Khan** (2018). "An Improved Security Threat Model for Big Data Life Cycle."Asian Journal of Computer Science and Technology:33-39.

ix. Kanika, **Alka Agrawal**, and **R.A. Khan** (2018)."Privacy Policy: A Novel Approach to Preserve Confidentiality in Big Data". Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue.

x. Rajeev Kumar, Suhel Ahmad Khan, Alka Agrawal, **Raees Ahmad Khan**, (2018), Security Assessment through Fuzzy Delphi Analytic Hierarchy Process, ICIC Express Letters-An International Journal of Research and Surveys, Volume 12, Number 10 (To be appeared), October 2018. (ISSN 1881-803X).

xi. Rajeev Kumar, Suhel Ahmad Khan, **Alka Agrawal**, **Raees Ahmad Khan**, (2018), Measuring the Security Attributes through Fuzzy Analytic Hierarchy Process: Durability Perspective, ICIC Express Letters-An International Journal of Research and Surveys, Volume 12, Number 6, June 2018. (ISSN 1881-803X).

xii. Neeraj Kumar, **Alka Agrawal**, **R. A. Khan** (2018), "A Novel Drainage System Using Cellular Automata to Avoid Urban Flood", International Journal of Applied Evolutionary Computation (IJAEC), vol(9), issue(2), June.

xiii. N. Kumar, A. K. Maurya, A. Agrawal, **R. A. Khan (2018), "**Ransomware: Evolution, Target and Safety Measures", International Journal of Computer Sciences and Engineering, Vol.6(1), Jan 2017, E-ISSN: 2347-2693.

xiv. Prabhishek Singh, **Raj Shree**, Manoj Diwakar, "A new SAR image despeckling using correlation based fusion and method noise thresholding", Journal of King Saud University – Computer and Information Sciences (2018), Elsevier, https://doi.org/10.1016/j.jksuci.2018.03.009, Scopus, ESCI.

xv. Musheer Vaqur, Prabhishek Singh, Manoj Diwakar, **Raj Shree**, "An Edge Preserving Wavelet based Despeckling of SAR Images using Anisotropic Diffusion", Journal of Advanced research in Dynamical Control Systems (JARDCS), Scopus.

xvi. Shilpi Singh and **Raj Shree**, "Pair-Wise Selection Approach for Test Case Prioritization in Regression Testing", In Proceedings of the 3rd International Conference on Computers and Management (ICCM 2017) , Vol. 1, 29–35, 2018.

xvii. Afshan Zameer, **Pawan Kumar Chaurasia**, (2018): "A Review on Crypto-Currency", International Journal of Computer Science and Mobile Applications, ISSN (online): 2321-8363 Vol.6, Issue. 1, January- 2018, pg. 95-100. UGC List (Journal No 63603).

xviii. Mohd Waris Khan, Dhirendra Pandey, Suhel Ahmad Khan, Test Plan Specification using Security Attributes: A Design Perspective, "An International Journal of Research and Surveys", (ISSN 1881-803X), Volume 12, Number 9 , 2018.

xix. Mohd Waris Khan, Dhirendra Pandey, Suhel Ahmad Khan, "Measuring the Security Testing Attributes through Fuzzy Analytic Network Process: A Design Perspective", accepted in International Journal of Pure and Applied Mathematics, 2018.

xx. Sankhwar, Shweta, Dhirendra Pandey, and R. A. Khan, "Phishing: A Critical Review", International pure Applied and Mathematics, ISSN.1311-8080, Accepted-2018

xxi. Sankhwar, Shweta, Dhirendra Pandey, and R. A. Khan, "A Glance of Anti- Phish Techniques" International pure Applied and Mathematics, ISSN. 1311-8080, Accepted 2018

xxii. Sankhwar, Shweta, and Dhirendra Pandey, "Usage of Electronic Draft Capture Machine in North India: Users Problem and Satisfaction" International Journal of Recent Trends in Engineering & Research, ISSN-2455–1457

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

Nilu Singh, Alka Agrawal and **Khan R. A**, "Principle and Applications of Speaker Recognition Security System", Proceedings of Conference on Artificial Intelligence : Research, Innovation & its Applications, 1 4 - 1 5 March - 2 0 1 8, Organized by Amity Institute of Information Technology, Amity University, Lucknow Campus, pp. 16-20, 2018, ISBN 978-93-5300-754-6.

8. Details of Inivited Lecture inside the country

Dr. Alka Agarwal delivered an invited lecture on **Ransomware: A New Threat to Cyber World,** International Seminar on Modern Trends in Engineering and Sciences, Organized by Dept. of ECE, Physics & EE under the Aegis of HRDC, Integral University, Lucknow, 03 Aug 2017.

9. Details of patents filled/awarded

i. Neeraj Kumar, Dr. Alka, Prof. R. A. Khan, Design of an IoT based alert system for rainfall disaster management, Patent No. 201711028829, In process

ii. Prof. R.A Khan, S. A. khan, Dr. Alka, Rajeev Kumar, Security durability Assessment framework, Patent No. 201711032601, 16/03/2018, Published

iii. Neeraj Kumar, Dr. Alka, Prof. R. A. Khan, IoT enabled Adhoc Network to alert in disaster caused emergency., Patent No. 201711028829, 12/01/2018, Published

iv. Prof. R.A Khan, Nilu Singh, A Framework for Automatic Speaker Recognition Using MFCC & Prosodic Feature Extraction Techniques , Patent No. 1706/DEL/2015, , In process

v. Prof. R.A Khan, S. A. khan, Rajeev Kumar, Managing Software Security Risk: Design Perspective , Patent No. 1781/DEL/2015, , In process

vi. Prof. R.A Khan, , A Framework to Software Security Usability Trade- off, 1782/DEL/2015, , In process,

vii. Prof. R.A Khan, , Framework to Test an Object Oriented Software Fault Tolerance, Patent No. 437/DEL/2013, 25/07/2014, Published

viii. Dr. Raj Shree, A Despeckling Framework Of Agricultural Sar Images For Land Monitoring, Application No: 201711035086 A, Publication Date: 24/ 11/2017, Name Of Inventor: Raj Shree, Prabhishek Singh, Ravi Prakash Pandey.

ix. Dr. Raj Shree, A Speckle Reduction Framework For Spotlight Sar Images Using Fusion, Application No: 201711040558 A, Publication Date: 08/ 12/2017, Name Of Inventor: Raj Shree, Prabhishek Singh, Ravi Prakash Pandey, Vivek Shukla, Manoj Diwakar.

x. Dr. Raj Shree, A Despeckling Framework For Ultrasound Images Using Hybrid Approach, Application No: 201711042684 A, Publication Date: 08/12/2017, Name Of Inventor: Manoj Diwakar, Raj Shree, Prabhishek Singh.

xi. Dr. Raj Shree, System And Method For Similarity Based Prioritization Of Software Tests, Application No:

201711042697 A, Publication Date: 08/12/2017, Name Of Inventor: Raj Shree, Shilpi Singh, Ravi Prakash Pandey, Vivek Shukla.

xii. Dr. Raj Shree, System And Method For Test Suite Optimization In Regression Testing, Application No: 201711035077 A, Publication Date: 24/11/2017, Name Of Inventor: Raj Shree, Shilpi Singh, Ravi Prakash Pandey.

10. Details of Research Project

i. Prof. R A Khan, Managing Software Security Risk: A Design Perspective Funding Agency: University Grant Commission (UGC), Total Budget: Rs. 14, 40,000/, UGC, Rs. 14,40,000/-, 2015, On Going

ii. Dr. Dhirendra Pandey, Analysis of the Ergonomic Deficiencies in Computer Workstations at Government Offices of Uttar Pradesh, UP-CST (Under Young Scientist Scheme), Rs. 10,44,000/-, 2015, On Going

iii. Dr. Raj Shree, Design and development of speckle reduction Framework for LAN monitoring in Agricultural SAR Images, CST-UP, Rs. 7, 20, 000/-, 2018, On Going

11. Students Achievements

I. Acomplishments of Students

i. M.Sc Final year student (Richa Verma) devised a process to design a Binary Subtractor using Vedic Mathematics and has also filed a patent regarding the same.

II. Faculty wise Supervision of the Ph.D and M.Phil Student

S. No.	Name of Research Scholar	Guide /Supvisior
1	Neeraj Kumar	Prof. R.A. Khan, Jointly with Dr.Alka
2	Prabhishek Singh	Dr.Raj Shree
3	Kanika	Prof. R.A. Khan, Jointly with Dr.Alka
4	Ajay Kumar	Dr.Raj Shree
5	Nilu Singh	Prof. R.A. Khan, Jointly with Dr.Alka
6	Shweta Sankhwar	Dr.Dhirendra Pandey
7	Rajeev Kumar	Prof. R.A. Khan
8	Mohd Waris Khan	Dr.Dhirendra Pandey
9	Virendra Singh	Dr.Dhirendra Pandey
10	Vivek Shukla	Dr.Dhirendra Pandey
11	Gayatri Kapil	Prof. R.A. Khan, Jointly with Dr.Alka

S. No.	Name of Research Scholar	Guide /Supvisior
12	Md Tarique Jamal Ansari	Dr.Dhirendra Pandey
13	Shilpi Singh	Dr.Raj Shree
14	Amal Krishna Sarkar	Prof. R.A. Khan
15	Syed Anas Ansar	Prof. R.A. Khan
16	Mohd Asim Sayeed	Dr.Raj Shree
18	Mohd Faizan	Prof. R.A. Khan

12. Future Plans of the Department, if any

- To introduce new specializations including Mobile Ad hoc Network, Software Defined Network and Software Security.
- To establish new laboratories including Embedded System Lab, Multimedia Lab, and Software Security Lab.
- To initiate Research Plans after getting the sanction of Research Centre.
- To offer a unique educational experience that will produce highly competent, dedicated and mature professionals, able to cope with the challenges of ever-changing technical and business environment of the IT world.

DEPARTMENT OF COMPUTER SCIENCE

Established in 1997 as Centre of Vocational Studies (CVS) offering Post Graduate Programme in Computer Software Applications (PGDCSA) and started functioning as Department of Computer Science in 2001 with main objective to provide up-to-date knowledge of the core field of computer science to the students through effective teaching programs thereby enabling students to enhance their knowledge and get employed in leading corporate and IT sectors to serve the country to bridge the digital divide.

Presently the department is offering four full time courses of Master of Computer Applications, MCA (Evening) three year each, M. Tech. (Computer Science) of two year and Ph.D. programme in Computer Science. A number of academic and cultural activities are regularly conducted in the department which includes Seminars and presentations, Invited talks, debate and discussions etc. to familiarize students with latest developments to improve their skills. In the year 2009, a Students Branch of Computer Society of India (CSI) was established in the department to provide a platform to our students for organizing various activities. The faculty members are engaged in various research and development related activities of the department and university apart from teaching and guiding students. Two UGC funded research project have been completed in the department and another a few have been send to various govt. funding agencies for approval.

1. Course offered/New Courses:-

i. MCA,

ii. MCA(Evening),

iii. M. Tech. (Computer Science),

iv. Ph.D.

2. Facilities in available in the Department

Departmental Library, Computer Lab, Lecture Hall, Smart Class.

3. Details of the Faculty

i. Prof. S. K. Dwivedi

Professor

ii. Prof. Vipin Saxena

Professor

iii. Dr. Deepa Raj

Assistant Professor

iv. Dr. Manoj Kumar

Assistant Professor

v. Dr. Narander Kumar

Assistant Professor

vi. Dr. Shalini Chandra

Assistant Professor

4. Other Departmental level Academic Activities: -

i. Department has organized lecture series during 26th February 2019 whereintwo talks were organized.

ii. One of the lecture was a motivational speech by Prof. Raj Kumar, Vice Chancellor, Panjab University and the topic was "Entrepreneurship among Technocrats."

iii. Another lecture was delivered by Prof. K. V. Arya, I.E.T. & Dean Research

(AKTU), on"Image Restoration"

5. Co-curricular/Extracurricular/ supports Activities

Cultural programs organized by the students on various occasions like Teachers Day, Fresher's and Farewell, etc.

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

Prof. S. K. Dwivedi

i. Member, **Board of Studies** of Computer Application, UIET, Dr. RML Avadh University, Faizabad (2017-2020)

ii. Member, **Board of Studies** of Computer Sc. And Applications, SRM University, Lucknow

iii. Member **Advisory/Expert committee** at Council of Science & Technology, U.P., Lucknow for evaluation of R&D projects in Information technology

iv. Member, **School Board** of School of Computer Science & Information Technology, Mahatma Gandhi Central University, Motihari, Bihar (2017-2020)

v. Member, Central Purchase Committee, Institute of Engineering & Technology (constituent college of **APJ Abdul Kalam Technical University**), Lucknow (2017)

vi. Member of **Court** (visitor nominee) Nominated by president of India for Assam University (a central University), Silcher (Assam) **2018**

vii. External Expert Member, **DRC**, Department of Computer Science, University of Lucknow, Lucknow

viii. External Expert Member, **Board of Studies** (Computer Science), **A.P.S. University, Reva** (M.P.) (March 2019 onwards, Ref. No. academic/.../2019/ 425)

ix. **Program Committee Member of** International Conference on Computational Materials Science and Thermodynamic Systems (CMST 2018), University of Cambridge, Cambridge City, United Kingdom, March 2018,

x. Invited Member, Research Committee, Dr. APJ Abdul Kalam Technical University, Lucknow

Dr. Shalini Chandra

i. Member of computer society of India.

7. Detail of Book Chapter in edited volume

Dr. Manoj Kumar

i. Sonam, Manoj Kumar, "An Efficient Image Fusion Technique based on DTCWT" published as a chapter in International conference on Advnaces in Computing and Data Sciences Springer Singapore 2018 ISBN 978-981-13-1810-8.

Dr. Narander Kumar

i. Narander. Kumar, Swati Saxena, "Enhancing Performance of Data-centers using Location-aware Live VM Migration" **Published** as a chapter in Information and Communication Technology (ICT) for Sustainable Development, Proceedings of Second International Conference on ICT for Sustainable Development **(**ICT4SD 2016**), Vol. 01**, 1-2nd **July 2016**, published by © **Springer Nature Singapore Pte Ltd. 27 May 2018** - Lecture Notes in Networks and Systems, **Springer** LNNS Series, Vol. 09, pp. 119-129, ISBN 978-981-10-3931-7,

978-981-10-3932-4 (eBook), ISSN: 2367-3370, 2367-3389 (electronic).

8. Paper Published during the year by the faculty members (during 01.04.2018- 31.03.2019)

Prof. S. K. Dwivedi

i. Shweta Vikram, Sanjay K Dwivedi (2018), " Ambiguity in Question Paper Translation", International Journal of Modern Education and Computer Science(MECS), Vol.10, No.1, pp13-23, [ISSN:275-017X]

ii. Chandrakala Arya, Sanjay K. Dwivedi (2018), "Keyphrase Extraction of News Web Pages", *International Journal of Education and Management in Engineering*", 1, pp48-58, MECS.

iii. Chandrakala Arya, Sanjay K. Dwivedi (2018), "Content Extraction from News Web Pages Using Tag Tree" *International Journal of Autonomic Computing, Vol.3, Issue 1,* ***Inderscience*** *(ACM-DL, DBLP)*

iv. BhupeshRawat, Sanjay K. Dwivedi (2018), "State of the Art Recommendation Approaches their Issues and Future Research Directions in E-Learning- a Survey", *International Journal of Advanced Pervasive and Ubiquitous Computing, Vol.10, Issue 1,pp51-76,* ***IGI , (ACM-DL)*** [ISSN:1937-965X]

v. BhupeshRawat, Sanjay K. Dwivedi, " Discovering Learners Characteristic's through cluster analysis for Recommendation of Courses in E-learning Envoronment", *International Journal of Information & Communication Technologies Education, 15(1),* ***IGI,*** *(ESCI)* ***(scopus)***

vi. Ganesh Chandra, Sanjay K. Dwived (2019), "Query Expansion for Effective Retrieval Results of Hindi-English Cross Lingual IR"*International Journal of Applied Artificial Intelligence* (***Taylor & Francis***), Vol33, Issue7, **(SCI)**

vii. Shweta Vikram, Sanjay K Dwivedi (2018), "Ambiguity in Different Types of Question Translation: An Experimental Analysis", Int. Journal of Computer Sc. & Engineering, Vol 6, Issue 08.

Prof. Vipin Saxena

i. Rashmi Singh and Vipin Saxena (2018), 'Fuzzy Rule Based Inference System for Implementation of Naval Military Mission', International Journal of Computer Network and Information Security, (ISSN No. 2074-9090), Vol. 10(4), 28-37.

Dr. Deepa Raj

i. An Optimized Multiple Fuzzy Membership Functions based Image Contrast Enhancement Technique, KSII transactions on internet and information systems vol. 12, no. 3, April. 2018, SCI journal (impact factor 0.5).

ii. Impact of Open Access in Research, Innovation the research concepts, 2018

iii. Various methods of Enhancement in Colored Images: A Review, International Journal of Computer Science and Engineering-July 2018

iv. An Introduction On Software Design Pattern, International Journal of current Advanced Research

v. A Study and Analysis of Images in Different Color Models, International Journal of Advanced Studies in Computer Science and Engineering, Vol. 1,2018

Dr. Manoj Kumar

i. Manoj Diwakar, **Manoj Kumar,** CT image denoising using NLM and correlation based wavelet packet thresholding, *IET, Image Processing*, vol. 12 (5) pp. 708-715, 2018, **Impact Factor :** 1.401**(SCI)**

ii. **Manoj Kumar**, AnkitaVaish, Color image encryption using SVD in DCST domain, *OpticaApplicata Wroclaw University of Technology*, **vol. 48 (1), 2018**. **Impact factor: 0.925 (SCI).**

iii. Manoj Diwakar, **Manoj Kumar**, A review on CT image noise and its denoising, *Biomedical Signal Processing and Control,* vol. 42, pp. 73-88, Elsevier, 2018. **Impact factor: 2.783 (SCI)**

iv. AnkitaVaish, **Manoj Kumar**, A wavelet based approach for simultaneous compression and encryption of fused images, *Journal of King Saud University-Computer and Information Sciences*, In press, 2017.

Dr. Narander Kumar

i. Narander Kumar, Surendra Kumar, "Dynamic Consolidation of VM Allocation and VM Migration to Optimize Energy Consumption of Cloud Data Centers", **Published** in International Journal of Engineering and Advanced Technology (IJEAT), Volume-8 Issue-6, pp. 4932-4937, **August 2019**, ISSN 2249-8958 **(Scopus Indexed)**.

ii. Narander Kumar, Surendra Kumar, "A Novel scale approach for Load Balancing with Hardware and Software in Cloud and IoT Platform", **Published** in Journal of Theoretical and Applied Information Technology, Vol. 97, Issue 08, pp. 2370-2380 , **April 30**, 2019, ISSN 1992-8645 **(Scopus Indexed, UGC Indexed, Journal No-11368).**

iii. Narander Kumar, JitendraSamriya, "A Cryptographic Mechanism Using Prime Number and Character Stuffing to Prevent Hijacking of Cloud Data", **Published** in **International Journal of Recent Technology and Engineering**(IJRTE), Vol. 07, Issue 06, pp. 1043-1048, **March 2019**, **ISSN2277-3878**.

iv. Narander Kumar, Surendra Kumar, "Analysis of VM Placement for Resource Management in Virtual Environment", **Published**, in MAGNT Research Report,Vol. 05 (33). pp. 427-438, **October 2018,** *BRIS Journal of Adv. S & T,* **Australia**, **ISSN 1444-8939.**

v. Narander Kumar, Surendra Kumar, "Virtual Machine Placement using Statistical Mechanism in Cloud Computing Environment" **Published**, International Journal of Applied Evolutionary Computation (IJAEC), Volume 9, Issue 3, Article 3, pp. 23-31, **July-Sept. 2018, ISSN 1942-3594.**

Dr. Shalini Chandra

i. N. Singh ,A. Agrawal, **S. Chandra**, R. A. Khan (2018), "A Framework for Speaker Recognition System", Journal of Biostatistics and Biometric Applications, App 3(1): 107, pp. 1-9, ISSN: 2455-765X.

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

Prof. S. K. Dwivedi

i. Event Chair (student paper competition), ICON-2018 , at Punjabi University,

Patiala, India, 17th Dec. 2018

ii. Session Chair at National Conference on AI (CAIRIA 2019) at Amity University, Lucknow, Jan. 31th 2019

iii. Technical Program Committee member, International conference, ICACSE-2019, KNIT, Feb, India, 2019

iv. Technical Program Committee member, The Eighth International Conference on Communications. Computation, Networks and Technologies, INNOV 2019, Spain

Prof. Vipin Saxena

i. Three Days Workshop on Design Thinking Organised by Department of Computer Science and Engineering under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching, 25-27 February, (2019).

Dr. Narander Kumar

i. **Refresher Course Completed/Attended** from UGC-HRDC, University of Lucknow, Dated: Dec 10-31, 2018.

Dr. Shalini Chandra

i. **S. Chandra (2018),** National Symposium on, "Gender in Higher Education", organized by committee for basic facilities of Women on March 8, 2018.

ii. **S. Chandra** (2019), **"**Impact of online courses in Higher Education", Two Weeks faculty Development Program on Ensuring Excellence in Teaching / Learning / Research in Higher Educational Institutions using ICT(ID), DIT BBA University, Lucknow.

iii. **S. Chandra (2019),** समाज में महिलाओं की स्थिति एवं परिवर्तन के लिए नवाचार, महिला दिवस के अवस पर एक दिवसीय संगोष्ठी **8**th March, 2019.

10. Details of invited lectures inside country

Prof. S. K. Dwivedi

i. Invited talk on "Emerging Research Trends in Information Retrieval", at FDP organised by Dept of Computer Science, BBD University, Lucknow, 13th July 2018

ii. Invited talk on " Emerging Research Trends in CLIR", at Two days workshop on AI in Agriculture: Status and Prospects, ICAR (IASRI), New Delhi, 30th July 2018,

iii. Invited talk on "Artificial Intelligence: Present Research & Future" at National Conference on Artificial Intelligence, Amity University, Lucknow, January 31st ,2019

iv. Invited talk on " ICT and Web : Issues and Challenges", on National Science Day, Dr. Sakuntala Mishra National Rehabilitation University, Lucknow, Feb 28, 2019

v. Key note speaker at one week FDP on advancement of Computer Science, "Research Issues in CLIR, organised by Dept of Computer Science, IET, BR Ambedkar Agra University, Agra, 27th May 2019

vi. Invited talk on " English-Hindi CLIR", on FDP, BBDNITM, Lucknow July 2019

11. Students achievements

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

Prof. S. K. Dwivedi

Sl. No.	Research Scholar Name	Research Topic	Degree submitted/ awarded	Date of submission / award
1	Ganesh Chandra	Applying Query Expansion in Cross Lingual IR (Hindi-English) for Relevancy Improvement	Thesis Awarded	2018
2	Chandrakala Arya	Supervised Text Classification for News Filtering and Summerlzation on the Web	Thesis submitted	2018
3	BhupeshRawat	Integrated Semantic Web Usage Mining with Fuzzy Technique to Improve Accuracy of Recommendation System	Thesis submitted	2018
4	Shweta Vikram	Analysis of the Impact of Ambiguity in Question Paper Translation from English to Hindi	Pursuing	2018
5	SachinSahu	Systematic Study & Analysis of the Impact of E-governance Implemenatations in the State of Uttar Pradesh through case studies of SPST & IGRS portal	Pursuing	2018

Prof. Vipin Saxena

Sl. No.	Research Scholar Name	Research Topic	Degree submitted/ awarded	Date of submission / award
1	Rashmi Singh	A Study and Implementation of Fuzzy Crypto-graphical Techniques Across Distributed Networks	Thesis Submitted	2018
2	Kamlesh Kumar Verma	Minimization Techniques for Energy Consumption Across the Distributed Computing Network	Thesis Submitted	2018
3	Snehlata	A Study and Analysis of Fake Indian Currency Identification System	Pursuing	2018
4	Jaydip Kumar	To be decided	Pursuing	2018

Dr. Deepa Raj

Sl. No.	Research Scholar Name	Research Topic	Degree awarded/ submitted / Pursuing	Date of Registration / Award
2	PushpaMemoria	A Study and Comparative Analysis of Various Image Enhancement Techniques	Thesis awarded	2018
3	Neetish Kumar	Analyzing and Designing a Framework of Video Editing	Pursuing	2018
4	Bably Dolly	A Study Of Content Based Image Retrieval System	Pursuing	2018
5	Anshu Gupta	Multimodal Biometric Authentication System Using Human Footprints	Pursuing	2018

Dr. Manoj Kumar

Sl. No.	Research Scholar Name	Research Topic	Degree awarded/ submitted / Pursuing	Date of Registration / Award
3	Mr. AnkitaVaish	An Efficient Compressionof Images in Various Aspects	Thesis Awarded	2018
4	Ms. Sonam	Fusion Based Image Quality Enhancement	Thesis Awarded	2018
5	Mr. Dilip Kumar	Cryptography Based Data Security in Internet of Things	Pursuing	2018
6	Ms. Ruchi Agarwal	Securing Encrypted Images Through Reversible Data Hiding	Pursuing	2018

Dr. Narander Kumar

Sl. No.	Research Scholar Name	Research Topic	Degree awarded/ submitted / Pursuing	Date of Registration / Award
1.	Ms. Swati Saxena	An Adaptive QoS-based Dynamic Resource Management in Cloud Computing Systems	Thesis awarded	2018
2.	Ms. Priyanka Chaudhary	Analysis and Design of Security Management Techniques in Cyber Environment	Thesis submitted	2018
3.	Mr. Surendra Kumar	An Adaptive Resource Management Framework for Cloud Computing Environment	Pursuing	2016
4.	Mr. Jitendra Kumar Samriya	Analysis and Design of Security Framework for Cloud Computing	Pursuing	2016
5.	Ms. Ankita Srivastava	An Efficacious Resource Management Mechanisms in Cloud Computing	Pursuing	2018

Dr. Shalini Chandra

Sl. No.	Research Scholar Name	Research Topic	Degree awarded/ submitted / Pursuing	Date of Registration / Award
1.	Ms. Richa Verma	To be decided	Pursuing	2018

i. Number of students completed their Masters/Graduation/Diploma- 56

ii. Number of student pursuing higher studies- 03

iii. Number of student selected on other government jobs/banking/school teaching etc- 02

iv. Number of student awarded SLET/ NET/JRF/any other fellowship- 03

12. Google profile of the faculty members, if available-

S. No.	Faculty	Citation	h-index	I10- index
1.	Prof. S. K. Dwivedi	513	9	9

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

The Department of Library and Information Science is functioning in the University since 1997 with the aim to provide up-to-date LIS education to the students through effective teaching and practical training. The department is working with the vision to educate individuals for career as Librarians, Information Professionals, Archivists, Information Scientist and Knowledge Managers. The students are trained in order to undertake instruction, research and service oriented programmes that require current emerging information technological developments and market requirements. Presently the department is offering one year Bachelor of Library and Information Science (BLISc.), one year Master of Library and Information Science (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, 35 M.Phil. and 19 Ph.D. scholars.

The Department of Library and Information Science has one state-of-the-art Information Technology Laboratory with Xeon Server, 25- Personal Computers, Scanners, 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

1. An understanding and appreciation of vital and pervasive role of Information as an essential tool in all development activities;
2. An understanding of the application of Information Technology in the handling of information in the libraries and information centres;
3. Full comprehension of the global nature of information for proper co-operation, co-ordination among the countries;
4. To equip the students with necessary skills of Information Science, background for Designing, Implementing, Operating and Managing an Information Centre or a Documentation Centre or a Library, pertaining to any field such as R & D, Business & Industry, Media, Academic Institutions & Government Departments, etc.

The students trained under the aegis of the Department are gainfully employed in several Govt. and Private Organizations.

1. Course Offered : -

i. B. LISc. (Bachelor in Library & Information Science)

ii. M. LISc. (Master in Library & Information Science)

iii. M.Phil in Library & Information Science.

iv. Ph.D. in Library & Information Science.

2. Facilities available in the Department

i. Smart Class

ii. Departmental Library

iii. Departmental Laboratory

3. Faculty Details

i. Prof. K. L. Mahawar

Professor

Specialization :-Information Science, Information Systems and Programmes, Information Processing, Academic Information Systems and Services, Knowledge Management

Qualifications: MLISc, CIC, Ph.D. (LIS)

ii. Dr. M. P. Singh

Professor and Head

Specialization : Knowledge Organization, Research Methodology in LIS, Information of Lib & Sci, Management & Technology, Information sharing before Biometric study

Qualifications: M.Com, MSc(IT), MBA, MLISc, PhD(LIS)

iii. Dr. Shilpi Verma

Professor

Specialization: Management of Libraries, IT Applications in Libraries, Information Retrieval, User education, Academic Libraries

Qualifications: MLISc, Ph.D.(LIS), PGDM

iv. Dr. Sharad Kumar Sonker

Assistant Professor

Specialization : IT Application to LIS, Management of LICs, Digital Libraries and IRS, Academic Library system

Qualifications: MLISc, PGDCA, Ph.D.(LIS)

v. Dr. Ranjeet Kumar Choudhary

Assistant Professor

Specialization: Knowledge Processing and Organization, Information Sources, Systems and Programmes, Management of E-Resources, Academic Library & Info. System

Qualifications: MLISc (2years), Ph.D.(LIS)

vi. Dr. Vinit Kumar

Assistant Professor

Qualification : Ph.D. (LIS), MLISc

4. Detail of Seminar/ Conference Organized by the Department

i. **Organizing Secretary,** International Conference on Rejuvenating Libraries in Modern Society organized by DLIS, BBAU, Lucknow in association with SLA, SPL and SLP held on 18th February, 2019.

ii. **Organizing Secretary**, 19th Capacity Building Programme of National Mission on libraries for Public Library personnel organized by RRRLF Kolkata in Collaboration with DLIS, BBAU Lucknow, held on 28 Jan-02 Feb, 2019.

iii. **Organizing Secretary**, of the National Conference on Relevance of Ranganathan Philosophy in 21st century organized by DLIS, BBAU, Lucknow in association with SLPUP held on 2nd November, 2018.

5. Details of Book written/edited by faculty members

i. Bhatt, R.K. &Singh, M.P. (2019). Ranganathan's Classified Catalogue Code: A Practical Manual. Faizabad: Delhi. Narendra Publishing House. ISBN: 978-93-88668-02-6.

ii. Singh, M.P. & Sonkar, S.K. (2019). Relevence of Ranganathan's Philosophy in the 21st Century . New Delhi. The Book Line. ISBN: 978-93-82524-82-3

iii. Singh, M.P. & Sonkar, S.K. (2019). Transforming Libraries in the 21st Century. Delhi. Narendra Publishing House. ISBN: 978-93-88668-01-9.

iv. Singh, M.P. & et.al. (2018). Re-Modelling

of Libraries in Digital Era:Festschrift volume in Honour of Prof. M.T.M.Khan. New Delhi: ESS ESS Publication. ISBN.978-93-87698-00-0

v. R.C. Sobti, Kamal Jaiswal, **Shilpi Verma**, Sudarshan Verma. (2018) **Bhartiya Viasvick Vicharak**. Army Printing Press, Lucknow, ISBN: 9788193260579

vi. R.C. Sobti, Kamal Jaiswal, Sudarshan Verma, **Shilpi Verma** (2018) **Reinventing the women: Past, Present and Future.** Army Printing Press, Lucknow, ISBN: 9788193260500

vii. R.C. Sobti, K. Rama, Kamal Jaiswal, Shilpi Verma (2018). **Contemporary Issues in Higher Education.** Army Printing Press, Lucknow, ISBN: 9788193762608

6. Details of Book Chapter in edited volume

i. **Sonkar, S.K. and Singh, M.P.** (2019). Digital Security: An Overview. Emerging Trends for Smart Libraries edited by Singh, S., Singh, B.K. and Thapa, N. Vol 3 (New Delhi). ISBN: 9788183299114.

ii. **Sonkar, S.K and Aslam, S.** (2018). Open Access Resources And libraries: A Revelation in International Conference on Knowledge Organisation in Academic Libraries (I-KOAl-2018). Edited by.Chand,S., Malviya, R.N. and Jha, A.A. Manakin Press. New Delhi. Organized by Library Professionals Association (LPA) and University of Hyderabad held on 26th-27th November 2018, Pp.104-114. ISBN: 9789-38834-2148.

iii. **Pandey, S. and Sonkar, S.K** (2018)."SWOT Analysis in Select Central University Libraries of Uttar Pradesh: A study"organized by KIIT Deemed to be University, Bhubaneshwar, Odisha- 2018, pp 338-347.

iv. Srivastava, P., Yadav, B and Sonkar, S.K (2018)SWAYAM: The Way of Learning with Special Reference Among the users of Central University of Punjab: Building Smart Libraries edited by Baba, A.M. (New Delhi). Pp. 447-452. ISBN: 9788193482513.

v. Sonkar, S.K and Aslam, S.(2019).Online Learning with special reference to SWAYAM and e-PG Pathshala, edited by Salek Chand et. al. In National conference on Professional Ethics of Library Development and Services. New Delhi: Pinnacle Learning. Pp 27-35 ISBN: 978-93-83848-52-2

vi. **Kumar, Vinit** (2018), "Library request subsystem using web services: a prototype'. In proceedings of the "International Conference on Exploring the Horizons of Library and Information Sciences: From Libraries to Knowledge Hubs", organized by Documentation Research and Training Centre, Indian Statistical Institute, Bangalore, August 07-09th, 2018. ISBN: 978-93-5311-726-9.

vii. **Kumar, Vinit** (2018), "Normative Principles in library cataloguing", Unit 08, Study Material BLIS, Uttrakhand Open University, Haldwani.

viii. **Kumar, Vinit** (2018), "Library Cataloguing-defintion, purpose and objectives", Unit 07, Study Material BLIS, Uttrakhand Open University, Haldwani.

ix. **Kumar, Vinit** (2018), "Centralised and cooperative cataloguing and Union catalogue", Unit 09, Study Material BLIS, Uttrakhand Open University, Haldwani.

x. **Kumar, Vinit** (2018), "Vocabulary control

- subject heading lists and thesaurus", Unit 10, Study Material BLIS, Uttrakhand Open University, Haldwani.

xi. **Kumar, Vinit** (2018), "Standardisation of record formats", Unit 11, Study Material BLIS, Uttrakhand Open University, Haldwani.

xii. **Kumar, Vinit** (2018), "ISBN and ISSN, ISO Z39.50", Unit 12, Study Material BLIS, Uttrakhand Open University, Haldwani.

xiii. **Kumar, Vinit** and Balaji B., Preedip, (2018), "Information Management in Cloud Environment: Risks and Mitigation Strategies", in proceedings of "5th International Symposium on Emerging Trends and Technologies". In Libraries and Information Services (ETTLIS-2018)", Noida, 2018, pp. 137-140, IEEE.doi: 10.1109/ETTLIS.2018.8485185.

xiv. Shashikumara AA., Asloja, Viral, TR, Manu, **Kumar, Vinit**, Chaudhary, P., and Muduli, Prasanna Kumar (2018), "Information visualisation and society: reaching communities through visualisations". In Susmita Chakraborty(Ed), "Transforming the society: Libraries as the torch-bearer of change", organized by Department of Library and Information Science, University of Calcutta, Kolkata.

xv. **Kumar, Vinit** and Maurya, Sharad (2019) "Are We Forgetting Our Roots?: A Status Report of Library Automation in University Libraries of Uttar Pradesh" in Singh, M.P. and Sonkar, S.K., Relevance of Ranganathan's philosophy in the 21st century, New Delhi: The Bookline, ISBN: 978-93-82524-82-3.

xvi. Singh, Avinash Kumar and **Kumar, Vinit**(2019) "Research Growth in Library and Information Science: A Case Study of Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh" in Singh, M.P. and Sonkar, S.K., Relevance of Ranganathan's philosophy in the 21st century, New Delhi: The Bookline, ISBN: 978-93-82524-82-3.

xvii. Mamta and **Kumar, Vinit**(2019) "Library security tools and techniques: an overview" In Singh, M.P. and Sonkar, S.K., Relevance of Ranganathan's philosophy in the 21st century, New Delhi: The Bookline, ISBN: 978-93-82524-82-3.

xviii. Thakur, Khusbu and **Kumar, Vinit**(2019) "National Level Initiatives for MOOCs: A Comparison of India and China". In Singh, M.P. and Sonkar, S.K., Relevance of Ranganathan's philosophy in the 21st century, New Delhi: The Bookline, ISBN: 978-93-82524-82-3.

xix. Bharati, V.K., &Singh, M.P. (2019) Scholarly Literature on Dr. S. R. Ranganathan: A Scientometrics Study (pp 58). Relevance of Ranaganathan's Philosophy in the 21st Century .New Delhi. The Book Line. ISBN: 978-93-82524-82-3.

xx. Kushwaha, P.P., &Singh, M.P. (2019). Public Library System in India: Current Issues in Digital Era (pp 136-140) Relevance of Ranaganathan's Philosophy in the 21st Century .New Delhi. The Book Line. ISBN: 978-93-82524-82-3.

xxi. Ashwani Kumar & Singh, M.P. (2019). Multilingual Functional Model to Effective Online Seeking for Researchers Proceeding of the 64th ILA International Conference on Transforming Libraries and Information Centres in Digital Era (pp 28-36). Shri Vaishnav Vidyapeeth

Vishwavidyalaya Indore (M.P.) and Indian Library Association New Delhi March 14-16, 2019. ISBN No. 978-81-934120-1-5.

xxii. Bharati, V. K, Singh, M.P. &Kushwaha, P.P. (2019).Usage of Social Media Tools by Faculty Members of Mahatma Gandhi KashiVidyapith, Varanasi for Library and Information Services. Proceeding of the 64th ILA International Conference on Transforming Libraries and Information Centres in Digital Era (pp 683-690). Shri VaishnavVidyapeethVishwavidyalaya Indore (M.P.) and Indian Library Association New Delhi March 14-16, 2019. ISBN No. 978-81-934120-1-5.

xxiii. Saini, O.P. & Singh, M.P. (2019). Re-Skilling of LIS Professionals in India: De We Really Need?Proceeding of the 64th ILA International Conference on Transforming Libraries and Information Centres in Digital Era (pp683-690). Shri VaishnavVidyapeethVishwavidyalaya Indore (M.P.) and Indian Library Association New Delhi March 14-16, 2019. ISBN No. 978-81-934120-1-5.

xxiv. Saini, O. P. & **Singh, M. P. (2018).** Information Seeking Pattern of Bio and Physical Sciences Faculties in BBAU, Lucknow: A Study. In Proceeding of International Conference on Knowledge Management in Academic Libraries. Jointly Organised by Library Professionals Association and University of Hyderabad.

xxv. Bharati, V.K. & Singh, M.P. (2018).Teacher's Awareness and Practices of Digital Resources in Mahatma Gandhi KashiVidyapith, Varanasi, In Chanda, S., Malviya, R. and Jha, A.A. (Eds) Proceedings of the International Conference on Knowledge Organization in Academic Libraries (pp. 211-219). New Delhi, Manakin, ISBN: 9789-38834-2148.

xxvi. Gupta, Shreya, **Verma, Shilpi** (2019) Evaluation of Quality of Web-Based Library Services in Institute of Microbial Technology (CSIR-IMTECH), Chandigarh: A Study. Emerging Trends for SMART Libraries" (Vol. 1) Ed. Sonal Singh et.al. Shree Publishers and distributors, New Delhi. ISBN: 978-81-8329-911-4 Pg. 672-685

xxvii. Gupta, Shreya, **Verma, Shilpi** (2019) Online Information Review: A Bibliometric Study. Innovative Librarianship through ICT Tools and Technology. Ed. Manoj Kr. Verma et.al. Shree Publishers and distributors, New Delhi. ISBN: 978-81-8329-971-8 Pg. 172-181

xxviii. Sobti, R.C. ,**Verma Shilpi**, Mishra Suman (2018). Role of Libraries in Higher Education in Contemporary era. Contemporary Issues in Higher Education Edited By R.C. Sobti, K. Rama, Kamal Jaiswal, Shilpi Verma, Army Printng Press, Lucknow.ISBN: 9788193762608 Pg. 103-114

xxix. **Verma Shilpi**(2018) Women, Education and Empowerment in Indian Perspective. Contemporary Issues in Higher Education Edited By R.C. Sobti, K. Rama, Kamal Jaiswal, Shilpi Verma, Army Printing Press, Lucknow ISBN: 9788193762608 Pg. 133-142

xxx. **Verma Shilpi** (2018) **Chandrasheker Azad: Ek Jeevani.** Bhartiya Vasvyik Vicharak. Edited by R.C. Sobti, Kamal Jaiswal, Sudarshan Verma, Shilpi Verma. Army Printing Press, Lucknow. ISBN : 9788193260579 pg no.147 -151

xxxi. **Verma Shilpi** (2018) **Aadhunik Bharat**

ke Nirmaan mein Sardar Ballabh Bhai Patel kevichaaraur bhoomika. BhartiyaVasvyikVicharak. Edited by R.C. Sobti, Kamal Jaiswal, Sudarshan Verma, Shilpi Verma. Army Printing Press, Lucknow. ISBN : 9788193260579 pg no.327 -336.

7. Paper published during the yearly the faculty member (during 1/04/2018 to 31/03/2019) (UGC listed Journal)

i. Saini, M. &Singh, M. P. (2019) Impact of Outsourcing in Some State University Libraries of Lucknow: A Study. *International Journal of Research in Social Science*.9. Issues 5(1), pp.1-8. ISSN: 2249-2496.

ii. Bharti, Vijay Kumar & Singh, M.P. (2019) Rejuvenating Libraries from the Cloud: A Bibliometrics Analysis of Cloud Computing. *Library Philosophy and Practice* (e-journal). ISSN-1522-0222

iii. Kumari, N. &Singh, M. P. (2019) Use of Mobile Application for Acad the Res of Babasaheb Bhimrao Ambedkar University, Lucknow: A Study search Scholar. *International Journal of Research in Social Science*.9. issues 5(1), pp.240-247. ISSN: 2249-2496.

iv. Ashwani Kumar &Singh M.P. (2018) Online Information Seeking Behaviors of Faculty and Research Scholars on E-resources of Babasaheb Bhimrao Ambedkar University, Lucknow, India. Library Philosophy and Practice (e-journal). ISSN-1522-0222 (http://digitalcommons.unl.edu/libphilprac/1925).

v. Saini, O. P. & **Singh, M. P. (2018).** Librarianship as a Career in India: A Study of Student Preferences.Journal of Information Management, 5(2), 62-70. DOI: 10.5958/2348-1773.2018.00010.3, ISSN: 2348-1765

vi. Saini, O. P. & **Singh, M. P. (2018).** Job Seeking Approaches of Aspirants for Librarianship in India.Journal of Library Science, 43(2), 1-11.

vii. Bharti, V.K.,& ***Singh, M.P. (2018)***Use of Social Networking Sites among the Students of MGKVP Varanasi: A Study(pp. 82-88)

viii. **Singh, M. P.,**& Gaud, N. (2018). Skills and Efficiencies among the Library Professionals of Jawaharlal Nehru University (JNU) New Delhi. *Library Waves,4*(2).e-ISSN:2455-2291

ix. Gaud, N., Singh M.P. & Singh B. (2018). Authorship Pattern and Collaboration Coefficient of Library Professional's Competency Publications Research during 1999-2018 based on Scopus Database – A Scientometrics analysis . Indian Journal of Information Source and Service, 9 (1), 85-89.ISSN- 2231-6094.

x. Dr. K. L. Mahawar and Pratibha (2019) Newly Admitted Students Experienced During Their First Attempt To Use Gautam Buddha Library, Babasaheb Bhimrao Ambedkar University, Lucknow: A Study of Their Anxiety. International Journal of Research in Social Science 5(1): 278-286.

xi. Prof. K. L. Mahawar and Neeraj Kumar (2019) Collection Development and services in the Library of School of Management Science Varanasi Affiliated to AKTU: A Study. An International Multisisciplinary Quarterly Research Journal 8(2): 113-122.

xii. Madhu Patel and Prof. K. L. Mahawar (2018) Doctoral Theses of Plant Science: A Bibliometric Study. International

Journal of Scientific & Innovative Research Studies 6(4): 29-35.

xiii. Madhu Patel and Prof. K. L. Mahawar (2018) Doctoral Theses awarded in School for Legal Studies: A Bibliometric Study. International Journal of Innovative Social Science & Humanities Research 5(1): 103-113.

xiv. Kumar, Nilesh and Verma, Shilpi (2018). Content analysis of Library Websites of NAAC Accredited "A" Grade University I West zone of India: A study in Journal of Current Science (vol. 19, No. 11, nov. 2018 ISSN: 9726-001X).

xv. Kumar, Alok and Verma, Shilpi (2018). Use of cloud computing in Library Professionals in Indian Institutes of Management(IIMs): A Study in ShodhPrerak: International Referred Research Journal Vol III, Issue 2, April 2018 ISSN: 2231-413X

xvi. Kumar, Alok and Verma, Shilpi (2018) . Usage of Cloud Computing by Library Professionals in Indian Institute of Management (IIMs): A Study in ShodhPrerak (An International Referred Research Journal Vol-VIII, Issue-2 April 2018 ISSN: 2231-413X Pg. 228-237

xvii. Kumari, Preeti and Verma, Shilpi (2018) GraminShetreokisnatakchatraodwaraupyogkiye jane wale pustakalya ke prabhao ka adhyan :Etawa Janpad ke Mahavidyalayo ke pariprechya mein in Mimansa (An International Referred Research Journal. No. XVII Jan-Mar 2018 ISSN: 2348-4624 (UGC Journal No. 48923) Pg. 214-220 IIJ impact factor 2.695.

xviii. Kumar, Nilesh and **Verma, Shilpi** (2018): **" Content Analysis of Library Websites of NAAC Accredited "A" Grade University in Central Zone of India: A Study"** Library Waves . Volume 4. No. 2 2018, ISSN 2455-2291(Biannual Peer Reviewed)

xix. **Rishi Kumar and Sonkar, S.K. (2018).** Review of Total Quality Management in Business Organization. International Journal of Research in Social Sciences. Vol 8 Issue 11 (1). ISSN: 2249-2496.

xx. **Aslam, S.,Sonkar, S. K. (2018)** Perceptions and Expectations of Public Library Users in Lucknow (India): A Study. *Library Philosophy and Practices (International). ISSN:1522-022*

xxi. **Gond, S., Sonkar, S. K. (2018**) Scenario of Digital Technology in KVKs Libraries in India. *International Journal of Research in Social Sciences.*Vol 8 (1).

xxii. **Tripathi, M., Sunil Kumar., Sonkar, S. K., &Babbar, P. (2018).** Occurrence of author keywords and keywords plus in social sciences and humanities research: A preliminary study. Collnet Journal of Scientometrics and Information Management, Vol 12 (2).

xxiii. **Verma, A., Sonkar, S.K. (2018).** ICT Equipments in the Central Libraries of Indian Institutes of Technology (IITs) in India: A Study. *Library Progress (International). Vol 38 (1). Print ISSN: 0970-1052 Online ISSN: 2320-317x*

xxiv. **Tripathi, M., Sonkar, S. K. and Sunil Kumar. (2019**).A Cross Sectional Study of Retraction Notices of Scholarly Journals of Science, DESIDOC –Journal of Library and Information Technology, vol.39, No.2. pp 74-81.

xxv. **Shekhar, C. and Sonkar, S.K. (2018).**Use and Evaluation of Online Public Access Catalogue in the Central Library of Banaras Hindu University: A Study. *SRELS Journal of Information Managemen*t,

55 (4).**DOI**: 10.17821/srels/2018/v55i4/129447

xxvi. **Shukla, A.**P. and **Sonkar, S.K. (2018).** Psychological Behaviour of Users of Central Library, Aligarh Muslim University: A Study. Jigyasa: An Interdisciplinary Refereed Research Journal, 11 (2). 245-257. ISSN: 0974-7648.

xxvii. **Tripathi, M., Dwivedi. G., Sonkar, S. K. and Sunil Kumar. (2018**). Analyzing Retraction Notices of Scholarly Journals: A Study. DESIDOC Journal of Library and Information Technology, 38 (5), 305-311.

xxviii. **Gond, S., Sonkar, S. K. (2018**).An Informatics Presentation Of KVK's Libraries, Infrastructure With Special Reference To Information Communication Technologies in India.KIIT Journal of Library and Information Management, 5(2), 87-94.

xxix. **Sonkar, S. K., Verma., A. and Dixit., S. (2018).** Bibliometric study of the journal of Documentation from 2005-2015. Pearl, A Journal of Library and Information Science. Vol 12(1). Print ISSN: 0973-7081 Online ISSN: 0975-6922.

xxx. Upadhyay, Akansha and **Choudhary, R. K.** (2018), "Assessment of Electronic Resources among the users in Madhulimaye library of Dr.Ram Manohar Lohia National Law University, Lucknow: A Survey." International Journal of Information Movement. Vol.-2 Issue 10. ISSN:2456-0553 (online), UGC-listed number: 49311.

xxxi. **Choudhary, R. K.** and Awasthi, Shikha (2018), "Bibliometric Visualization Tools." Library Progress (International) A peer review Journal of Library and Information Sciences. Vol.-38 Issue- 2. 319-324. ISSN: 09701052, UGC-listed number: 4642.

xxxii. **Choudhary, R. K.,** Singh, Priyanka and Kumari, Jyoti (2018), "Collection Development and Management of Information Resources in the Central Institute of Sub Tropical Horticulture, Lucknow: A Study." International Journal of Information Movement. Vol.-2 Issue 12. ISSN:2456-0553 (online), UGC-listed number: 49311.

xxxiii. Kumar, Rakesh and **Choudhary, R. K.** (2018). "Collection development in Bihar Hitaishi District Central Library: Patna." Jigyasa, Vol.-11, Issue 2. 16-27. ISSN: 0974-7648, UGC-listed number: 40957.

xxxiv. Pandey, Rahul and **Kumar, Vinit**(2019), "Problems in utilizing LIS resources: a perspective of LIS students", SRELS Journal of Information Management, Vol 56(3), p. 144-147. (ISSN (Online): 0976-2477).

xxxv. **Kumar, Vinit**(2018), "Selecting an appropriate web-scale discovery service : a study of the big 4's", DESIDOC Journal of Library & Information Technology, Vol 38(6), p. 396-402. (ISSN: 0976-4658)

8. Attendant Participated in conference/seminar/workshop inside Country

Prof. M. P. Singh

i. Attended 2nd National Conference on Ethical Research & Effective Report Writing, organized by IIHMR University, Held at Jaipur. During 20-21 April 2019.

ii. Attended International conference 3rd DLA-SRFLIS Summit 2019 on Digital Age Strategies in Information Management for Sustainable Librarianship 19-20 April 2019.

iii. Attended 64th ILA International Conference on Transforming Libraries and Information Centres in Digital Era (pp 28-36). Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore (M.P.) and Indian Library Association New Delhi March 14-16, 2019.

iv. Attended 6th International Conference on Asian Special Library (ICoASL) 2019, Organized by the Institute of Economic Growth and Ambedkar University Delhi, New Delhi on 15th February 2019.

v. Attended International Conference on Academic Libraries (I-KOAL-2018) jointly organized by LPA & University of Hyderabad during 26-27 November, 2018.

Prof. K. L. Mahawar

i. Attended 84th International Federation of Library Associations and Institutions (IFLA)- world library and Information congress(84th IFLA congress & Assembely 24-30 August 2018 at Kuala Lumpur, Malaysia

ii. Worked as patron on Capacity Building Programme of National Mission on libraries for public Library Personnel, during 28 Jan to 1st Feb, 2019 at Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh.

iii. Worked as patron on National Conference on "Relevance of Ranganathan;s Philosophy in 21st Century organized by Department of library and information science, Babasaheb Bhimrao Ambedkar University, Lucknow and Society for Promotion of Libraries (SPC) at February (Held on Nov. 2nd 2018)

iv. Worked as patron on International Conference on Rejuvenating Libraries in Modern society organized by Department of library and information science, Babasaheb Bhimrao Ambedkar University, Lucknow at February 18, 2019.

Prof. Shilpi Verma

i. Organised **Village Awareness Campaign in Aurava Village** on 12 March 2019 on Women issues, education & Health & hygiene

ii. Chairperson of Seminar " **Samaj Mein MahilaokiSthithi and parivartankeliyeNavachaar**" on 8th March 2019 organised by Committee for Basic Facilities of Women.BBAU

iii. Attended one day **Awareness Workshop on Entrepreneurship development possibilities based on MGIRI technologies** (a beginner's workshop on sustainable development of agriculture and small scale industry) on 15th Feb 2019 org. in BBAU.

iv. Patron in **International Conference on Rejuvenating Libraries in Modern Society**" (ICRLS-2019) on 18 Feb organized by DLIS, BBAU

v. Convener of SwachhtaPakwada Program held from 1st to 15th Sep 2018, BBAU.

vi. Organised **Poster Competition** on Swachatta under SwachhatPakwada

vii. Organised **Vigilance Awareness Week** from 29th Sep to 3rd Oct. 2018

viii. Organised **Gram Panchayat** on 15 aug 2018 in MiranpurPinvat village under UBA 2.0

ix. Verma, Shilpi (2018). Participated in **MHRD- Orientation programme and Launch of Unnat Bharat Abhiyan-2.0** on

25 April 2018 organised by MHRD at AICTE Auditorium, New Delhi

x. Verma, Shilpi (2018). Participated in **MHRD-Workshop on Social Media: Use and effect** organized by MHRD on 10/4/2018 at AICTE Auditorium, New Delhi

Dr. S. K. Sonkar

i. Attended Two weeks Faculty development programme Ensuring Excellence in teaching / Learning/ Research in Higher educational institutions using ICT(ID) Department of Information Technology, BBAU, Lucknow during 22 Dec, 2018 to 06 Jan 2019.

ii. Attended A Revelation in International Conference on Knowledge Organisation in Academic Libraries (I-KOAl-2018). Organized by Library Professionals Association (LPA) and University of Hyderabad held on 26th-27th November 2018.

iii. Attended national workshop on Creation and Management of digital Collection(IR) and Library Automation Using Open Source software (Dspace and Koha ILS) organised by INFLIBNET, GandhiNagar and IIAS Shimla during 15th to 19th October, 2018.

iv. Attended 63 Annual Conference of Indian Library Association. International Conference on Transforming Libraries and Information Centres in Digital Era held at Indore, 14-16 March 2019.

Dr. R. K. Chaudhary

i. Dr. R. K. Choudhary attended and Co-ordinated a National Conference on Relevance of Ranganathan's Philosophy in 21st century, organized by DLIS, BBAU In Collaboration with Society for Promotion of Libraries, Uttar Pradesh (SPLUP), held on 02 November 2018 at BBAU, Lucknow.

ii. Dr. R. K. Choudharyattended a UGC-Sponsored 6th Refresher Course in COMPUTER APPLICATION (IDC) organized by UGC-Human Resource Development Centre, Devi AhilyaVishwavidyalaya, Indore, M.P., held during 14th November to 04th December, 2018 and obtained grade (A).

Dr. Vinit Kumar

i. Acted as Rapporteur General in the International Conference on Rejuvenating Libraries in Modern Society organized by the Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow 18th Feb 2019.

ii. Participated and coordinated "Workshop on developing curriculum for the PGDLAN Programme" organized by the Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow held on 5th Dec 2018.

iii. Presented paper and acted as Rapporteur General in the"National Conference on Relevance of Ranganathan Philosophy in 21st Century" organized by the Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow held on 02 November 2018.

iv. Presented paper entitled "Library request subsystem using web services: a prototype', In proceedings of the "International Conference on Exploring the Horizons of Library and Information Sciences: From Libraries to Knowledge Hubs", organized by Documentation

Research and Training Centre, Indian Statistical Institute, Bangalore, August 07-09th, 2018.

9. Detail of invited lecture inside Country:-

Prof. M. P. Singh

i. Chaired an in technical Session at International Conference on Challenges in Library and Information services: Strategies and Tools (CLIS-2019) organized by Department of Library and Information Science, Aligarh Muslim University, Aligarh on 21th -23th, February 2019.

ii. Chaired an in technical Session at International Conference on Rejuvenating Libraries in Modern Society organized by Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 18th February, 2019.

Prof. K. L. Mahawar

i. Lecture delivered on Institutional Repository: An Overview at UGC HRDC University of Allahabad on 03/12/2018

ii. Lecture delivered on Benchmarking for the Success of University Libraries at UGC HRDC University of Allahabad on 03/12/2018

iii. Lecture delivered on International women's day held on 8 March, 2019 at BBAU, Lucknow.

Prof. Shilpi Verma

i. Verma, Shilpi (2019) has delivered a talk on Innovation for Changing the status of women in society in "Samaj Mein MahilaokiSthithi and parivartankeliye Navachaar" on 8th March 2019 women's day org. by committee for basic facilities of women.

ii. Verma, Shilpi (2018) has delivered a talk on " Green Libraries and its effect on Users" in International symposium on Recent Trends in Agriculture, Biodiversity and Social Sustainability (ABSS-2018) held at Botanical Survey of India, Allahabad from 30 Sep-01 Oct 2018.

iii. Verma, Shilpi (2018) has delivered a talk on "Integrated Pest Management(IPM) for Libraries & Archives" in 3-Day National Seminar Animal Science Congress: Horizons in Zoological studies 4- 6 Aug 2018 org. by Deptt of Zoology, University of Kashmir, Srinagar.

iv. Verma, Shilpi (2018) has delivered a talk on Health Information Resources and Searching Techniques in National Seminar on " Health information Resources and Searching Techniques organized by Indian Pharmacopoeia commission, Ministry of Health & Family Welfare, Ghaziabad on 27th July 2018 .

Dr. S. K. Sonkar

i. Chaired an in technical Session at International Conference on Knowledge Organisation in Academic Libraries (I-KOAl-2018). Organized by Library Professionals Association (LPA) and University of Hyderabad held on 26th-27th November 2018.

ii. Invited talk on Acquisition and Basic Cataloguing for Koha and MARC 21 Based Cataloguing in Koha & Report Generation. NML-Capacity Building programme for public librarian organised by RRRLF and BBAU, Lucknow on 29 Jan 2018.

iii. Invited talk on Koha Tools: Features and

Facilities. NML-Capacity Building programme for public librarian organised by RRRLF and BBAU, Lucknow on 30 Jan 2018.

iv. Invited talk on Serials control and Report Generation. NML-Capacity Building programme for public librarian organised by RRRLF and BBAU, Lucknow on 31 Jan 2018.

Dr. Vinit Kumar

i. Delivered invited lectures as resource person on "Introduction and Overview on UNIMARC and MARC 21", "Practice on Cataloguing Module and MARC code" and "Hands on Practice on different types Bibliographic records" in National workshop on "Metadata Standard for Library Management" organized by Department of Library and Information Science, North-Eastern Hill University, Shillong from 25th-31st March 2019.

ii. Delivered invited lectures on "Quantitative data Analysis, Tests of Significance and Writing an academic article" to the Pre-PhD Scholars at the Bundelkhand University, Jhansi from Oct 25-26, 2018.

iii. Delivered invited lectures and conducted hands on sessions on "Digital resources: nature, types and Characteristics", "Content management system: Concept, types and principles", "Content Management System: Architecture", "Getting along with WordPress", "Installation of WordPress ", "Getting along with Joomla", and "Installation of Joomla and Development of Project" in Contact Classes for the PGDLIM programme at the School of Library and Information Science, CUG, Gandhinagar 1-4th Sep 2018.

10. Detail of National Award/ Fellowship

Prof. M. P. Singh

i. Received Professor Veena Saraf Award-2018 given by Satija Research Foundation for Lbrary and Information Science in the International conference, 3rd DLA-SRFLIS SUMMIT 2019on Digital Age Strategies in Information Management for Sustainable Librarianship 19-20 April, 2019.

ii. Received Best Teacher Award given by the Society for Library Professionals and Special Libraries Association Asian Chapter USA in the valedictory function of the 6th International Conference on Asian Special Library (ICoASL) 2019, Organized by the Institute of Economic Growth and Ambedkar University Delhi, New Delhi on 15th February 2019.

iii. Received Best Library & Information Science Teacher's (LIST) Award-2018 is Conferred by Library Professionals Association, New Delhi atInternational Conference on Academic Libraries (I-KOAL-2018)jointly organized by LPA & University of Hyderabad during 26-27 November, 2018.

Prof. Shilpi Verma

i. Verma, Shilpi (2018) Babasaheb Bhimrao Ambedkar University presents Certificate for being "Outstanding Performer" on the occasion of 72nd Independence Day i.e 15th Aug. 2018 for rendering outstanding services for the development of the University.

ii. Verma, Shilpi (2018) Congress of Zoology

Medal for outstanding Research & Academic Contribution in the field of Library Sciences from Zoological Society of India, Bodh Gaya on 04th Aug, 2018 at Srinagar.

iii. Verma, Shilpi (2018) Biodiversity Conservation Award for outstanding contribution in the field of Biodiversity Conservation, Sustainable Development and Environmental Awareness by Blue Planet Society, Allahabad during the International symposium on 30 Sep 2018 at Allahabad.

Dr. S. K. Sonkar

Received Best Teacher Award by the Society for Promotion of Libraries, Uttar Pradesh in the National conference on Relevance of Ranganathan philosophy in the 21st century, Organized by the DLIS, Babasaheb Bhimrao Ambedkar University, Lucknow on 2nd November, 2018.

11. Students Achievement

i. Prof. M. P. Singh

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

- Post-Doctoral Fellow : Pursuing-01
- Ph.D. : Pursuing-08 Awarded-00
- M.Phil.: : Pursuing-02 Awarded-01
- M.L.ib. I. Sc. : Awarded-03 Dissertation

Jobs/Placements

i. Ms. Nutan Gond (Ph. D. Scholar) Selected as School Librarian in KendriyaVidyalayaSanghathan (KVS)

ii. Mr. Sikandar Kumar (Ph.D. Scholar) Selected as School Librarian in KendriyaVidyalayaSanghathan (KVS)

iii. Mr.Subhash Chandra(Ph.D. Scholar) Selected as School Librarian in KendriyaVidyalayaSanghathan (KVS)

iv. Mr. V.K. Gautam Selected as School Librarian in KendriyaVidyalayaSanghathan (KVS)

v. Mr. P.K. Srivastva Selected as School Librarian in NavodayaVidyalayaSamiti (NVS)

vi. Ms.Satakshi Pandey (M. Phil Scholar) qualified UGC-NET-2019

II. Prof. K. L. Mahawar

- **Faculty wise supervision of the Ph.D and M. Phil. Student/Dissertation and thesis submission/degree awarded**
- Ph.D. : Pursuing-08 Awarded-01
- M.Phil. : Pursuing-02 Awarded-01
- M. Lib. I. Sc. : Awarded-03 Dissertation

Jobs/Placements

i. Ms. Ruchi Jain (Ph.D. Scholar) selected as School Librarian at Govt. of Rajasthan and later on in the KVS.

ii. Ms. Pratibha (M.Phil) cleared UGC-NET examination.

III. Prof. Shilpi Verma

- **Faculty wise supervision of the Ph.D and M. Phil. Student/Dissertation and thesis submission/degree awarded**
- Ph.D. : Pursuing- 07 Awarded: 01
- M.Phil : Pursuing - 02 Awarded: 00

- M.L.ib dissertation : Awarded 02

Jobs /Placements

ii. Ph. D. Scholar Ms. Gulab Devi Selected in MP Public Service Commission as Librarian.

iii. Ph. D. Scholar Mr. Sanjay Kumar selected in MP Public Service Commission and Central Potato Research Institute, Shimla.

iv. Ph. D. Scholar Mr. Nitish Kumar selected as School Librarian in Kendriya Vidyalaya Sanghathan (KVS).

v. M. Phil Scholar Mr. AlokKumar selected in Indira Gandhi National Tribal University, Amarkantak.

v. M. Phil Scholar Mr. AmbikaBhadhuria qualified UGC-NET-2019.

IV. Dr. S. K. Sonkar

- Faculty wise supervision of the Ph. D and M. Phil. Student/Dissertation and thesis submission/degree awarded
- Ph.D. : Pursuing : 02 Submitted 01
- M.Phil: Pursuing : 01 Awarded: 02
- M.L.I.Sc. Dissertation : Awarded 04

III. Dr. R. K. Choudhary

- **Faculty wise supervision of the Ph. D and M. Phil. Student/Dissertation and thesis submission/degree awarded**
- Ph.D. : Pursuing : 03 Awarded: 0
- M.Phil: : Pursuing : 01 Awarded: 02
- M.L.ib dissertation : Awarded 02

Placements

- Ph. D. Scholar Mr. Bhoopender Singh Selected as School Librarian in KendriyaVidyalayaSanghathan (KVS).
- Ph. D. Scholar Ms. Anjali Verma Selected as Librarian through MPPSC.
- Ph. D. Scholar Ms. Sana Aslam qualified UGC-NET-2019.

IV. Dr. Vinit Kumar

- **Faculty wise supervision of the Ph.D and M. Phil. Student/Dissertation and thesis submission/degree awarded**
- Ph.D. : Pursuing : 04 Awarded: 0
- M.Phil: : Pursuing : 01 Awarded: 00
- M.L.ib dissertation : Awarded 04

11. Google Profile of the Faculty members:-

Dr. Vinit Kumar

	All	Since 2014
Citations	72	56
h-index	4	3
i10-index	1	1

SCHOOL FOR LEGAL STUDIES

The school of legal Studies has been established to promote research in law and its allied disciplines. Our efforts have been to make legal learning socially relevant, technically competent and professionally sound for complete development of the individual personality. The school recognized the aparam,mount importance of the areas like constitutional Law, human Rights, intellectual Property Rihs, Enviornmental Law, Corportae and commercial Law etc. the courses are comprehensive and multidimensional, which have always been intrinsically connected with the issues of public governance and are of human and social significance. The school has legal aid Clinic for providing the legal services to poor/needy people and to have interface with the common mass, particularly the deprived sections of society. The clinincal legal education and extension activisties are integral part of the academic programmes of the school. Customized efforts are directed to bridge the gap between law in books and law in action. The School strives to inculcate ethical moral, cultural, legal and constitutional values among its students in order to strengthen the rule of law and to relize the preamble's commitment of social justice enshrined in our Constitution.

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 20 in Department of Human Rights and 03 Research Scholars from Department of Law under the supervision of Prof. Priti Saxena; LL.M. Course is 26 during the session 2018-19 out of which number of **open** category students is 15 and students belonging to SC/ST category are 10 and Supernumerary Quota (Single Girl Child) is 01.

In Ph.D. course there is a one semester Pre-Ph.D. Research Course Work for the scholars. Besides Research Methodology-I & II, two Advance Papers are also offered as compulsory papers.

LL.M. course consists of four semesters spanning in two years. Students have to opt four papers in each semester. These papers cover many local, national, regional and global curriculums. The syllabus of LL.M. course has an inter-disciplinary approach. The LL.M. course is in tune with the prime concerns of legal aid, advocacy, social justice, community services and governance.

The students are encouraged to apply their knowledge of the subject in the real life situations. Besides dissertation writing on relevant issues of law and human rights, the students have to present ten seminars (one Mega Seminar based on empirical study) on different topics covering many national, regional and global issues of law and human rights as a compulsory part of the course work in the Third Semester.

1. Course Offered

i. LL.M. in Human Rights

ii. Ph.D.

2. Facilities available in the department

i. The Department is housed in School for Legal Studies Building.

ii. The Building is Wi-Fi connected.

iii. Two classroom, classroom is equipped with LCD projector and Smart T.V., one legal aid room and one Conference hall.

iv. Head's Chamber and 04 faculty chambers

v. One Computer lab and Library at School level.

vi. Computers have been provided to all the teachers.

vii. Three LCD projectors and one Laptop are available for students' classes and conference hall.

viii. Xerox Machine along with required furniture is also available in the Department.

ix. Moot Court at School level.

3. Details of Faculty

i. Priti Saxena

Professor

Specialization: Constitutional Law, Administrative Law and Torts

Qualification: LL.M., Ph.D. in Law

Experience: Teaching & Research Since 18.11.1991

ii. Preeti Misra

Associate Professor

Specialization: Criminal Law, Women& Law, Intellectual Property Law & Human Rights Law

Qualification: LL.M., LL.D.

Experience: Teaching & Research Since 20 Sept. 1999

iii. Shashi Kumar

Associate Professor

Specialization: Human Rights, Indian Politics & Law Political Theory

Qualification: M.A. (Political Science) Ph.D. in (Political Science)

Experience: Teaching & Research Since 19 August 1997

iv. Rashida Ather

Asst. Professor

Specialization: Child and Women Rights, IHL, International Refugee Law, International Human Rights Law

Qualification: M.A. (Human Rights) Ph.D. (Human Rights)

Experience: Teaching & Research Since 20 Nov. 2008

4. Details of Seminar / Symposiums/ Conference/Workshop organized by the department

i. Slogan writing, Elocution and Painting Competition , Swachh Bharat Pakhwara , 13-09-2018

ii. Elocution Competition , Vigilance Awareness Week 2018 , 01-11-2018

iii. National Symposium , Human Rights in 21st Century: National and International Perspectives , 18-12-2018

iv. One Day National Seminar , Human Rights of L.G.B.T.Q.: Law and Judicial Approach , 06-03-2019

5. 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:

i. ACADEMIC FORUM

The department has an Academic Forum with Prof. Priti Saxena, as its Chairperson with Prof. Preeti Misra, 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.

ii. LEGAL AID CLINIC

The Department has a Legal Aid Clinic with Prof. Priti Saxena as Chairperson, Dr. Rashida Ather as its member and Dr. Preeti Misra as Coordinator. 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.

iii. WALL MAGAZINE

The Department has a Wall Magazine Committee with Prof. Priti Saxena 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-

a. **Publication-** The publication of abstracts and Research Papers.

b. **Legal Updates-** Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites

c. **Students' achievements-** information about students winning and participating in various competitions.

d. **Information and Guidance-** information of career prospects and vacancies in the related field.

iv. 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. Priti Saxena 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.

LECTURES

Sl. No.	Date	Name with address	Topic
1.	10/8/2018	Prof. A.K. Awasthi, Director, Institute of Legal Studies, Kanpur University, Kanpur	Constitutional Issues
2.	13/8/2018	Prof. Nishtha Jaswal, Department of Law, Panjab University, Chandigarh	Concept of Reasonableness
3.	17/8/2018	Prof. Bibha Tripathi, Faculty of Law, Banaras Hindu University, Varanasi	Feminist Criminology

Sl. No.	Date	Name with address	Topic
4.	29/01/2019	Prof. Swaranjit Kaur, Professor, Centre for Human Rights, Punjab University, Chandigarh	Gender Perspective on Women Human Rights
5.	06/03/2019	Prof. Neelima Gupta, Hon'ble Vice Chancellor, CSJMU, Kanpur	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
6.	06/03/2019	Prof. Rakesh Kumar Singh, Dean & Head, Dept. of Law, University of Lucknow, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
7.	06/03/2019	Prof. J.P. Yadav, Director, Amity Law School, Amity University, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
8.	06/03/2019	Prof. Sanjay Gupta, Professor, Political Sciences, University of Lucknow, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
9.	06/03/2019	Dr. Anurag Deep, ILI, New Delhi	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
10.	06/03/2019	Ms. Megha Nandi, Avadh Pride Committee, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
11.	06/03/2019	Mr. Sayyed Raza Hussain Zaidi, Founder President of AAZADI Foundation, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
12.	06/03/2019	Mr. Deepanshu, Avadh Pride Committee, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach
13.	06/03/2019	Mr. Papinder Singh, Avadh Pride Committee, Lucknow	Human Rights of L.G.B.T.Q.: Law and Judicial Approach

6. Visitors of Department from inside the Country (01/04/2018 – 31/03/2019)

i. Prof. A.K. Awasthi, Director, Institute of Legal Studies, Kanpur University, Kanpur

ii. Prof. Nishtha Jaswal, Department of Law, Panjab University, Chandigarh

iii. Prof. Bibha Tripathi, Faculty of Law, Banaras Hindu University, Varanasi

iv. Prof. Ram Naresh Chaudhary, Emeritus Professor, DDU Gorakhpur University, Gorkhpur

v. Prof. Sangeeta Bhalla, Professor, University Institute of Legal Studies, Panjab University, Chandigarh

vi. Prof. Jeetendra Kumar Mishra, Dean & Head, Faculty of Law, DDU, University, Gorakhpur

vii. Prof. Swaranjit Kaur, Professor, Centre for Human Rights, Punjab University, Chandigarh

viii. Prof. S.K. Bhatnagar, Hon'ble Vice Chancellor, DR. RMLNU, Lucknow

ix. Prof. Neelima Gupta, Hon'ble Vice Chancellor, CSJMU, Kanpur

x. Prof. Rakesh Kumar Singh, Dean & Head, Dept. of Law, University of Lucknow, Lucknow

xi. Prof. J.P. Yadav, Director, Amity Law School, Amity University, Lucknow

xii. Prof. Sanjay Gupta, Professor, Political Sciences, University of Lucknow, Lucknow

xiii. Dr. Anurag Deep, ILI, New Delhi

xiv. Ms. Megha Nandi, Avadh Pride Committee, Lucknow

xv. Mr. Sayyed Raza Hussain Zaidi, Founder President of AAZADI Foundation, Lucknow

xvi. Mr. Deepanshu, Avadh Pride Committee, Lucknow

xvii. Mr. Papinder Singh, Avadh Pride Committee, Lucknow

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

Prof. Priti Saxena

i. Member, Learning Outcome Curriculum Framework (LOCF) Committee of UGC for Human Rights Subject in P.G.

ii. Member Academic Review Committee, MOOCs for Human Rights in UGC

iii. Member, Expert Committee, of UGC to inspect Universities

iv. Life Member, Indian Law Institute, New Delhi

v. Life Member, Indian Association For Social Sciences And Health, Mumbai

vi. Life Member, Indian Institute of Public Administration, New Delhi

vii. Member, Faculty Board, Faculty of Law, Aligarh Muslim University, Aligarh.

viii. Member, Faculty Board, Faculty of Law, DDU Gorakhpur University, Gorakhpur

ix. Member Board of Studies in Law in

Kanpur University, Kanpur

x. Member Board of Studies in Law Dr. Ambedkar Law University, Tamil Nadu, Chennai.

xi. Member Board of Studies in Law and Management in Nirma Univeristy, Ahemedabad, Gujrat

xii. Member Board of Studies in Law in M.J.P.Rohilkhand University, Bareilly.

xiii. Member Board of Studies in Law, Desh Bhagat University, Panjab

xiv. Member Board of Studies in Law, Dr.SMNR University, Lucknow

xv. Member Board of Studies in Law in SRM University, Lucknow

xvi. Member Research Degree Committee, Amity, Law School, Amity University, Lucknow

xvii. Chief Editor Journal for Legal Studies An International Journal of Legal Studies (ISSN 2321-1059)

xviii. Member Advisory Board, Shodh Prerak, A Multidisciplinary Quarterly International Refereed Research Journal, ISSN 2231 – 413X

xix. Member Editorial Board, Shodh Pravah, A Refereed Research Journal,(ISSN 2231 -4113)

xx. Member Editorial Board, Emerging Researcher (ISSN 2348-5590)

xxi. Member Editorial Board, Ad Valorem(ISSN 2348-5485)

xxii. **Jury Member,** in State Youth Parliament, UP Lucknow, on 5th February, 2019, organized by Regional Directorate of NSS, Ministry of Youth Affairs & Sports, Lucknow and NSS Cell, BBAU Lucknow

Prof. Preeti Misra

i. Peer Team Member NAAC, UGC

ii. Member Research Advisory Committee, Dept. of Law, Tripura University, Agartala.

iii. Research Degree Committee Member of P.G. Dept. of Law, Sambalpur University, Burla, Orissa

iv. Life member of Indian Society of Criminology (ISC), Chennai (**Membership No. 1324**)

v. Life member of Indian Society of Victimology (ISC), Chennai

vi. Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay (Membership ID 292)

vii. Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (Membership No. L85)

viii. Life member of Vidhi Bharti Parishad, New Delhi, (Membership No. 185)

ix. Ordinary member of Indian Law Institute, New Delhi, (Membership No. O 4089)

x. Associate member of Indian Society of International Law. New Delhi, (Membership No. A45)

xi. Jury Member in the Zonal Debate Competition of CRPFs and NHRC held

on 27 August 2018 at SSB Frontier Headquaters, Lucknow

Dr. Shashi Kumar

i. Executive Councilor and Life Member, Member in Indian Social Science Academy, Allahabad.

ii. Secretary, Uttar Pradesh Social Science Academy, Lucknow.

8. Details of Books written/edited by faculty members

Prof. Preeti Misra

i. Law Relating to Protection of Women: Cases & Material", Thomson Reuters South Asia Pvt Ltd, Ist Edition **(2018) (Co-author) ISBN 978-93-86374-53-0**

ii. Ratanlal & Dhirajlal's Law of Crimes- A Commentary on Indian Penal Code, 1860, Volume 1,2 & 3 of 28th Edition **(2018)**, Bharat Law House, New Delhi, **(Revising Author) ISBN Set: 978-81-7737-259-5**

9. Details of Books Chapter in edited volume

Prof. Priti Saxena

i. 'भारतीय चुनावी लोकतंत्र को गतिशील सहभागी बनाने में टी एन शेषन का योगदानः एक इतिवृत्त पुस्तक "भारतीय वैश्विक विचारक" चिंतन और योगदान (संपादन) आर.सी. सोबती एवं अन्य, प्रकाशन आर्मी प्रेस, लखनऊ, 2018 पृष्ठ 397 ISBN 978-81-932605-7-9

ii. ""Right to Reproductive Health of Women With Special Reference To Surrogate Mother"" in "Reinventing the Women-Past, Present and Future" (Ed) R.C. Sobti et al., BBAU Publication, Lucknow, April 2018, Pp139-158, ISBN 978-81-932605-0-0

iii. Sexual Harassment of Women at Workplace: A journey from Vishaka to Act of 2013" Published in Reinventing the Women, Past, Present and Future, 2018, published by APP Press, 33 Nehru Road, sadar cantt., Lucknow, 2018 at 119-138 ISBN 978-81-932605-0-0 Edited by R.C.sobti, et al

a) Prof. Preeti Misra

i. "Interpreting Gender Based Violence For Re-Scripting Women's Empowerment : An Analysis" in "Reinventing the Women-Past, Present and Future" (Ed) R.C. Sobti et al., BBAU Publication, Lucknow, April 2018, Pp139-158, ISBN 978-81-932605-0-0

ii. "Discourse on Gender And Inequality In India With Special Reference to Sexual Minorities" in "Gender Discrimination and Inequality in Contemporary India: Dimensions and Voices of Protests" (Ed) Jaya Shrivastava, Kalpaz Publications, Delhi, 2018, Pp 51-64 **ISBN: 978-93-86397-27-0**

iii. भारत में महिलाओं के विरुद्ध हिंसा एसिड अटैक के सन्दर्भ में समकालीन भारत में सामाजिक एवं राजनैतिक मुद्दे (संपादन); डॉ. गौरव त्रिपाठी डॉ. कामिनी वर्मा संस्करण : 2018 अखण्ड पब्लिशिंग हाऊस दिल्ली (भारत) पृष्ठ 211 ISBN: 978-93-81416-00-0

10. Paper Published during the year by the faculty members (during 01/04/2018 – 31/03/2019)

Dr. Shashi Kumar

i. Protection of rights of Indigenous People in India: A Study in Human Rights Perspective in *Human Rights International Research Journal*, Vol. 6, Special Issue, 2018, ISSN 2320-6942.

Dr. Rashida Ather

i. Protection of Rights of Refugees in India: A study of Constitution Based Approach of Judiciary ADVALOREM, Journal of Law, an International Peer Reviewed referred Journal Future Fact Society, Varanasi, ISSN-2348-5485, April-June, 2019, UGC No. 4136.

ii. United Nations framework for the protection of Refugee Children: Issues and Challenges ADVALOREM, -Journal of Law, an International Peer Reviewed refereed Journal, Future Fact Society, Varansi, ISSN-2348-5485, Vol. 5, issue II(part-II) April- June, 2018, UGC NO. 41336

iii. Problem of Refugees and Protection of Their Rights in India: An Analytical Appraisal AYAN An International Multidisciplinary Refereed Research Journal Volume 7 No. 1 (January-March) Issue 3 UGC No. 49095 Year- 2019

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

Prof. Priti Saxena

i. Presented a paper on National Seminar on "Revisiting Modern Indian Thinkers in Contemporary Contexts" organized by Babasaheb Bhimaro Ambedkar University, Lucknow on April 14, 2018

ii. Presented a paper on "Role of Judiciary in Personal Law Reforms: An Analysis of Tripple Talaq Case" in National Seminar on "Role of Judiciary in Personal Law Reforms in India: Prospects and Challenges" organized Vasudev College of Law, Haldwani, Nainital on 6-7 October, 2018.

iii. Presented a paper on "Intellectual Property Rights and Human Rights an Interface" in the International Conference on organized by Rama University, Kanpur on 17th November, 2018.

iv. Presented a paper on "Judicial approach on the Rights of Disabled" in National Conference on Disability, Accessibility, Inclusion and Well Being' organized by Centre for Disability Studies and Action, School for Social Work, Tata Institute of Social Sciences (TISS), Mumbai on 16 December, 2018.

v. Presented theme paper on Human Rights of LGBTQ: Law and Judicial Approach on March 6th, 2019 in National Seminar organized by Department of Human Rights, School for Legal Studies, BBA University, Lucknow.

vi. Presented a paper on "Judicial interpretation of LGBTQ rights in India: A Human Rights Perspective." on March 6th,2019 in National Seminar on Human Rights of LGBTQ: Law and Judicial Approach organized by Department of Human Rights, School for Legal Studies, BBA University, Lucknow.

vii. Presented theme paper on Law & Justice in Globalised World: Contemporary

Issues and Challenges on March 7th, 2019 in National Seminar organized by Centre of Post Graduate Legal Studies, School for Legal Studies, BBA University, Lucknow.

viii. Presented a paper on "Socio-Legal Dimensions of Globalization and Human Rights" on March 7 t h , 2019 in National Seminar on Law & Justice in Globalised World: Contemporary Issues and Challenges organized by Centre of Post Graduate Legal Studies, School for Legal Studies, BBA University, Lucknow.

Prof. Preeti Misra

i. Co ordinator of Slogan Writing, Elocution and Painting Competition held on 13 Sept. 2018 as a part of "Swachh Bharat Pakhwara" in BBAU

ii. Organiser of Elocution Competition held on 1st November 2018 as a part of "Vigilance Awareness Week, 2018"

iii. Convener of One Day National Seminar on "Human Rights of LGBTQ : Law and Judicial Approach" held on 6th March, 2019, Dept. of Human Rights, BBAU, LKO

iv. Convener of One Day National Seminar on "Law and Justice in Globalized World: Contemporary Isues and Challenges" held on 7th March, 2019, CPGLS, BBAU, LKO

Dr. Shashi Kumar

i. Presented a paper entitled, "Dr. Ambedkar's Idea on Inclusive India" in National Conference on Nationalist Discourse on Inclusion , organized by Centre for Gandhi and Peace Studies, Indira Gandhi National Open University and Prajna Pravah on 4-5 the August 2018, New Delhi.

ii. Presented a theme address on "Human Rights in 21st Century: National and International Perspectives", in National Symposium on 'Human Rights in 21st Century: National and International Perspectives', organized by 'Deptt. of Human Rights, B B Ambedkar University, Lucknow, held on 18th November 2018.

iii. Presented a paper entitled, "Legal Protection for Transgender on their Right to Sanitation: A Toilet Right", in National Seminar on ' Human Rights of L.G.B.T.Q: Law and Judicial Approach, organized by 'Deptt. of Human Rights, B B Ambedkar University, Lucknow, held on 6th March 2019.

iv. Presented a paper entitled, "Globalisation, Human Rights and Democracy in Globalised World ", in National Seminar on ' Law and Justice in Globalised World: Contemporary Issues and Challenges, organized by 'Centre of Post Graduate Legal Studies, B B Ambedkar University, Lucknow, held on 7th March 2019.

v. Presented a paper entitled, "Constitutional Morality and Democracy: Dr. Ambedkar's Perspective ", in National Seminar on ' Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges, organized by 'Department of Law, School for Legal Studies, B B Ambedkar University, Lucknow, held on 26th March 2019.

Dr. Rashida Ather

i. Organizing Secretary, One Day National Seminar on organised by CPGLS, BBAU, Lucknow on the "Law and Justice in A

Globalised World: Contemporary Issues and Challenges" held on 07th March, 2019.

ii. Coordinator, One Week Research Methodology Course organized by the Department of Human Rights, BBAU, Lucknow from 22nd to 26th April, 2019.

iii. Presented a paper in One Day National Symposium on United Nations Human Rights System, organised by Department of Human Rights, BBAU, Lucknow on the "Human Rights in 21st Century: National and International", held on 18th November, 2018.

iv. Presented a paper in One Day National Seminar on United Nations Concerns for the Rights of Indigenous Protection, organised by CPGLS, BBAU, Lucknow on the "Law and Justice in A Globalised World: Contemporary Issues and Challenges", held on 07th March 2019.

v. Presented a paper in One Day National Seminar on Right to Shelter of LGBTQ in India organised by Department of Human Rights, BBAU, Lucknow on "LGBTQ: Law and Judicial Approach", held on 06th March, 2019.

vi. Presented a paper in One Day National Seminar on Womb Outsourcing: Issues related to Commercial Surrogacy in India organised by Department of Law, BBAU, Lucknow on the theme "Constitution and Constitutional Morality: Contemporary Issues and Challenges", held on 26th March, 2019.

vii. Participated in One Day National Seminar on Samaj Me Mahilaon Ki Stithi Anwam Pariwartan Le Lie Nawachar, organized by Committee of Basic Facilities for Women, held on 08th March, 2019.

viii. Organising Secretary, one day National Seminar organised by Department of Human Rights, BBA University, Lucknow, on the theme Human Rights of LGBTQ: Law And Judicial Approach", held on 06th March 2019

ix. Organising Secretary, one day National Seminar on organised by CPGLS, BBA University, Lucknow, on the Law and Justice in A Globalised World: Contemporary Issues and Challenges, held on 07th March 2019

12. Consultancy works, if any

Legal Aid Clinic provides free legal consultancy.

13. Details of invited lectures inside country

Prof. Priti Saxena

i. Chaired a Technical Session in National Seminar on "Role of Judiciary in Personal Law Reforms in India: Prospects and Challenges" organized Vasudev College of Law, Haldwani, Nainital on 6-7 October, 2018.

ii. Delivered lecture on " Basic Features of the Indian Constitution-Recent Trends" organized by Kirit P. Mehta, School of Law, SVKM'S NMIMS, University, Mumbai on 17th October,.2018.

iii. Delivered a lecture on "Constitutionalization of Reasonableness by Judiciary with reference to recent decisions of Supreme Court of India" in National Law University, Guwahati (NLUJAA) on 30th October, 2018.

iv. Resource Person in the One Day National Seminar on "" organized by Jusprudentia A Society of Law on 16th November, 2018 at Dr. Shakuntala Misra National Rehabilitation University, Lucknow

v. Addressed as Chief Guest of the Valedictory Session in the International Conference on Impact of Law, Science and Technology on Society, , and presented a paper on "Intellectual Property Rights and Human Rights an Interface" organized by HRDC, Rama University, Kanpur on 17th November, 2018.

vi. Delivered a lecture on "Judicial Approach on Environmental Protection" in ICSSR sponsored FDP on Capacity Building: Environment and Sustainable Development organized by Dept of Sociology, BBAU, Lucknow on 30th November, 2018.

vii. Addressed as Guest of Honour in National Conference on Disability, Accessibility, Inclusion and Well Being' organized by Centre for Disability Studies and Action, School for Social Work, Tata Institute of Social Sciences (TISS), Mumbai on 16 December, 2018

viii. Keynote Speaker in the Inaugural Session in National Seminar on "Better and Fair Environment for Women at workplace" organized by Chanakya National Law University, Patna, 20th January, 2019.

ix. Chaired a Technical Session in National Seminar on "Better and Fair Environment for Women at workplace" organized by Chanakya National Law University, Patna, 20th January, 2019.

x. Resource Person, in State Level Workshop on 'Engendering Budget and Gender Inclusive Development', organized by Dept of Sociology, University of Lucknow, under the auspices of Ministry of Women and Child Development Govt. of India on March, 1st, 2019

xi. As Director, Addressed Inaugural and Valedictory Sessions in National Seminar on "Human Rights of LGBTQ: Law and Judicial Approach" on March 6th ,2019 in Department of Human Rights, School for Legal Studies, BBA University, Lucknow.

xii. Chaired a Session on Human Rights of LGBTQ: Law and Judicial Approach on March 6th, 2019 in National Seminar organized by Department of Human Rights, School for Legal Studies, BBA University, Lucknow.

xiii. As Director, Addressed Inaugural and Valedictory Sessions in National Seminar on "Law and Justice in Globalizing World: Issues and Challenges" on March 7th ,2019 in Centre of Post Graduate Legal Studies, School for Legal Studies, BBA University, Lucknow.

Prof. Preeti Misra

i. Lecture on "Encounter Killings" in the Zonal Debate Competition of CAPFs and NHRC held on 27 August 2018 at SSB Frontier Headquaters, Lucknow

ii. Lecture on "An Overview of Communal Award and Poona Pact" in Dept. of History, BBAU, Lucknow on 24th September 2018

iii. Lecture on "Fair Trial vis-à-vis Administration of Criminal Justice" in

Law Dept. JNPG College (KKC) Lucknow on 9th October 2018

iv. Chaired a Session in One Day National Seminar on "Law and Justice in Globalized World: Contemporary Isues and Challenges" held on 7th March, 2019, CPGLS, BBAU, LKO.

v. Lecture on "Human Rights of Women" in Dept. of Law, Sambalpur University, Orissa on 27 March 2019.

Dr. Shashi Kumar

i. Delivered a lecture in International Conference of International Youth Forum on : Human Rights and Sustainable Development Goals: Moving from Policy to Actions", organized by Youth for Human Rights International , at Kathmandu, Nepal held on 17-18th August 2018.

ii. Chaired the technical session on "Human Rights in 21st Century: National and International Perspectives", in National Symposium on 'Human Rights in 21st Century: National and International Perspectives', organized by 'Deptt. of Human Rights, B B Ambedkar University, Lucknow, held on 18th November 2018.

iii. Chaired a Technical Session in National Seminar on 'Legal Protection for Transgender on their Right to Sanitation: A Toilet Right", in National Seminar on ' Human Rights of L.G.B.T.Q: Law and Judicial Approach, organized by 'Deptt. of Human Rights, B B Ambedkar University, Lucknow, held on 6th March 2019.

iv. Chaired a Technical Session in National Seminar on ' Law and Justice in Globalised World: Contemporary Issues and Challenges, organized by 'Centre of Post Graduate Legal Studies, B B Ambedkar University, Lucknow, held on 7th March 2019.

v. Chaired a Technical Session in National Seminar on 'Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges, organized by 'Department of Law, School for Legal Studies, B B Ambedkar University, Lucknow, held on 26th March 2019.

Dr. Rashida Ather

i. Delivered lecture as Co- Chaired a session in one day National Seminar organised by Department of Human Rights, BBA University, Lucknow, on the theme Human Rights of LGBTQ: Law And Judicial Approach", held on 06th March 2019

ii. Delivered lecture -Co-Chaired a session in one day National Seminar organised by Department of Law, BBA University, Lucknow, on the theme "Constitution and Constitutional Morality: Contemporary Issues and Challenges", held on 26th March 2019

14. Details of National Awards/ fellowship

Prof. Priti Saxena

i. MHRD Fellowship for Leadership for Academicians Program (LEAP) in Higher Education for Three Week Program(Two weeks Domestic one week Foreign) March, 2019.(10th March-30th March 2019) JMI and University of Virginia US

15. Students achievements

I. Ph.D. Awarded during the year

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing
1.	Mr. Munish Swaroop	Prof. S.K. Bhatnagar	-	Domain Names vis-a-vis Trade Marks: A Study in National and International Legal Perspectives	UGC- Non NET Fellowship
2.	Mr. Kamlesh Singh Deou	Prof. Priti Saxena	-	Unlawful Killing by State Forces in India with Specific Reference to Fake Encounter: A Legal Study	UGC- Non NET Fellowship
3.	Mr. Lav Lesh Kumar	Dr. Shashi Kumar	Prof. S.K. Bhatnagar	Environmental Protection in India: A Legal Study with Special Reference to Water Pollution	RGNF SRF
4.	Mr. Jagadish Prasad	Dr. Shashi Kumar	-	Gender Justice and Governance: A Case Study of Jaunpur District of Uttar Pradesh with Special Reference to Women Representatives in Panchayati Raj Institution	RGNF SRF

II. Ph.D. student's pursuing

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
1.	Mr. Deependra Nath Pathak	Prof. S.K. Bhatnagar	-	Legal Regulation of E-Commerce: A Study with reference to consumers Rights	UGC- Non NET Fellowship	

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
2.	Ms. Manjari Rawal	Prof. S.K. Bhatnagar	-	Lok Adalats In India With Reference To The Functioning Of Lok Adalats In Lucknow Since 2010	RGNF	Pre Ph.D. Seminar on 25/5/2018
3.	Mr. Girijesh Kumar Singh	Prof. Priti Saxena	-	Legal Protection and Status of Differently Abled Persons in India: A Comparative Study of Higher Educational Institutions in Lucknow, Uttar Pradesh	RGNF-PH SRF	Pre Ph.D. Seminar on 16/7/2019
4.	Ms. Preeti Bhasker	Prof. Preeti Misra	-	Physical Violence against Women and Compensatory Jurisprudence with Special Reference to Acid Attack Victims	UGC SRF	
5.	Mr. Pramod Kumar	Dr. Rashida Ather	-	Legal Protection of Refugees: A Study in National and International Human Rights Perspectives	RGNF	

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
6.	Mr. Manindra Kumar Singh	Prof. S.K. Bhatnagar	-	A Legal Study of Marine Environment with Special Reference to Conservation of Marine Fisheries	UGC JRF	
7.	Mr. Satyendra Kumar Maurya	Prof. S.K. Bhatnagar	-	A Study of the Regulatory Framework for Misleading Advertisements with Special Reference to Consumer Interests	UGC JRF	
8.	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	
9.	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	
10.	Prashant Tripathi	Prof. Priti Saxena	Dr. Shashi Kumar	Title is not decided to yet time	UGC- Non NET Fellowship	
11.	Yogendra Nath Tripathi	Dr. Rashida Ather	Prof. Preeti Misra	Title is not decided to yet time	UGC- Non NET Fellowship	

S. No.	Name of Ph.D. Students	Supervisor	Co-Supervisor	Title	Fellowship availed/availing	Remarks
12.	Richa Devi	Dr. Shashi Kumar	Prof. Priti Saxena	Title is not decided to yet time	UGC- Non NET Fellowship	
13.	Anurag Krishan Tiwary	Prof. Preeti Misra	Dr. Shashi Kumar	Title is not decided to yet time	UGC- Non NET Fellowship	
14.	Jitendra Kumar Saroj	Prof. Preeti Misra	Dr. Shashi Kumar	Title is not decided to yet time	UGC- Non NET Fellowship	
15.	Shivpriya	Prof. Preeti Misra	Dr. Rashida Ather	Title is not decided to yet time	UGC- Non NET Fellowship	
16.	Dinesh Kumar	Prof. Preeti Misra	Dr. Shashi Kumar	Title is not decided to yet time	UGC- Non NET Fellowship	
17.	Jaya Chaudhary	Dr. Rashida Ather	Prof. Priti Saxena	Title is not decided to yet time	UGC- Non NET Fellowship	
18.	Ashok Kumar	Dr. Shashi Kumar	Prof. Preeti Misra	Title is not decided to yet time	UGC- Non NET Fellowship	
19.	Shiv Kumar	Dr. Shashi Kumar	Prof. Preeti Misra	Title is not decided to yet time	UGC- Non NET Fellowship	
20.	Deepika Rani	Prof. Priti Saxena	Dr. Rashida Ather	Title is not decided to yet time	UGC- Non NET Fellowship	
21.	Sweta Rani	Prof. Priti Saxena		Right to Information	UGC- Non NET Fellowship	Department of Law
22.	Arun Kumar Mishra	Prof. Priti Saxena		Right to Privacy with Reference to AADHAR Card	UGC JRF	Department of Law
23.	Shalini Singh Tomar	Prof. Priti Saxena		To be finalised	UGC- Non NET Fellowship	Department of Law

III. LL.M. Dissertations (Equivalent to M. Phil)

Awarded in June 2018

Sl. No.	Supervisor	Name of Students	Dissertation Title
1.	प्रो० एस. के. भटनागर	Uday Kumar	आधार अधिनियम, 2016-एक विधिक अध्ययन
2.	Prof. S.K. Bhatnagar	Priyanka Malviya	Critical Appraisal of Euthanasia: A Comparative Study with Indian Perspective
3.	Prof. S.K. Bhatnagar	Abhishek Pandey	Right and Issue of Transgender: A Socio-Legal Study
4.	Prof. S.K. Bhatnagar	Mayank Mehra	Media and Human Rights: A Study with Special Reference to Vulnerable Groups
5.	Prof. S.K. Bhatnagar	Rakhi Tewari	Medical Negligence in India: A Legal Study with Special Reference to the Duty of Care
6.	Dr. Shashi Kumar	Dheeraj Gupta	Prison, Offenders and Society: Need for Greater Socialisation
7.	Prof. Preeti Misra	Divya Dwivedi	Medical Negligence in India
8.	Dr. Rashida Ather	Lakshmi Narayan Agrawal	Implementation of Right to Education Act 200: A Study of South City Area in Lucknow City
9.	Dr. Shashi Kumar	Sani Kumar	Anti-Terrorism Law in India: Impact of Human Right
10.	Dr. Rashida Ather	Rajendra Kumar	Domestic Violence against Women: A Study in Indian Perspective
11.	Dr. Shashi Kumar	Puneet Kumar Agrahari	Climate Change A Global Problem and Solution: National and International Perspectives
12.	Prof. Preeti Misra	Divya Saxena	Constitutional Safeguards to Women in India
13.	Prof. Preeti Misra	Praveen Kumar Pandey	Narco-Analysis Test: Human Rights Perspective
14.	Prof. Priti Saxena	Digvijay Singh	A Study of Surrogacy Law and Policy in India: Problem and Perspective

Sl. No.	Supervisor	Name of Students	Dissertation Title
15.	डॉ० शशि कुमार	Santosh Kumar Yadav	शिक्षा का अधिकार अधिनियम, 2009 के अन्तर्गत असहाय एवं कमजोर बच्चों का उन्नाव शहर के कुछ विद्यालयों में क्रियान्वयन अध्ययन
16.	Prof. Preeti Misra	Brahmanandan Rao	Human Rights of Prisoners: A Socio Legal Study
17.	Dr. Rashida Ather	Rahul Kumar	Persons with Disabilities in India: A Study with Human Rights Perspective
18.	प्रो० प्रीती सक्सेना	Sanjaya Kumar	भारत में ध्वनी प्रदुषण: एक विधिक अध्ययन
19.	Dr. Rashida Ather	Jayprakash Verma	Rights of Muslim women in India with Reference to Triple Talaq: A Study of Hardoi City of Uttar Pradesh
20.	Dr. Shashi Kumar	Shiv Laxmi Kant Rao	Right to Health: A Study with Reference in Uttar Pradesh
21.	Prof. Priti Saxena	Deepika Rani	Problem of Child Labour in India: A Socio-Legal Study
22.	Prof. Priti Saxena	Satyendra Kumar	Right to Privacy in Digital Era: A Legal Study in Contemporary Scenario
23.	प्रो० प्रीति मिश्रा	Lakshman Prasad	भारत में लोकहित वाद: एक विश्लेषणात्मक अध्ययन
24.	Dr. Rashida Ather	Sangeeta Devi	भारत में बाल स्वास्थ्य: एक अध्ययन
25.	प्रो० प्रीती सक्सेना	Ram Kishor Maurya	भारत में सामाजिक समानता एवं शिक्षा में आरक्षण: एवं विधिक विश्लेषणात्मक अध्ययन

Work in progress

S. No.	Supervisor	Co-Supervisor	Name of Students	Dissertation Title
1.	Prof. Priti Saxena	Dr. Rajeev Ranjan	Sadaf Rizwan	A Study on the Viability of Conducting Simultaneous Elections in India
2.	Prof. Preeti Misra	-	Hira Mani	Women and Domestic Violence

S. No.	Supervisor	Co-Supervisor	Name of Students	Dissertation Title
3.	Prof. Preeti Misra		Diwakar Ram	Dalit Movement in India with Special Reference to Dalit Women
4.	Prof. Priti Saxena	Dr. Vijay Kumar Bhaskar	Ram Chandra Singh	National Judicial Appointment Commission: Law, Policy and Challenges
5.	Prof. Priti Saxena	Dr. Vijay Kumar Bhaskar	Raveesh Kumar	Rights to Safe Drinking Water- International Human Rights, Constitutional, Judicial and National Perspectives
6.	Dr. Rashida Ather	Dr. Rajeev Ranjan	Aradhana Singh	Democracy, Good governance & Corruption: A Study in Indian Perspectives
7.	Prof. Preeti Misra	Dr. Vijay Kumar Bhaskar	Vivek Anand	भारत में राजनीति का अपराधीकरण- एक विधिक अध्ययन
8.	Prof. Preeti Misra		Navneet Kumar Tripathi	Plea Bargaining in US & India: "A Comparative Study"
9.	Prof. Preeti Misra	Dr. Rajeev Kumar Singh	Manish Kumar	Law Relating to Sexual Offences in India: A Critical Analysis
10.	Prof. Priti Saxena	Dr. Rajeev Kumar Singh	Rajat Kumar	Appointment of Judges: A Study with Reference to Higher Judiciary in India
11.	Dr. Shashi Kumar	Dr. Vijay Kumar Bhaskar	Shivi Kumar	Climate Change and Its Impact on Human Rights- With Reference to Indigenous People
12.	Dr. Rashida Ather	Dr. Rajeev Kumar Singh	Nasma Abidi	Sexual Harassment of Women at Workplace in India: A Legal Study with Human Right Perspective
13.	Dr. Preeti Misra	Dr. Rajeev Ranjan	Mani Ram	Constitutional Rights of Women and Empowerment in Human Rights Perspective

S. No.	Supervisor	Co-Supervisor	Name of Students	Dissertation Title
14.	Prof. Priti Saxena		Anita	भारत में वायु प्रदुषण के विशेष सन्दर्भ में लोकहित वाद एवं पर्यावरण संरक्षण
15.	Dr. Shashi Kumar		Ram Chandra Meena	राष्ट्रीय मानवाधिकार आयोग के समक्ष मानवाधिकार के क्रियान्वयन में चुनौतियाँ एवं समाधान
16.	Dr. Rashida Ather	-	Hemlata	Women Empowerment in Rural Panchayat: A Study with Special Reference to Mohanlalganj Block in Lucknow
17.	Dr. Shashi Kumar	-	Shashant Kumar	Impact of Industrial Activities on Environment: An Overview on Development of Laws in India
18.	Dr. Shashi Kumar	Dr. Rajeev Kumar Singh	Preti Chaudhari	An Appraisal of POSCO Act in reference to Right of Child
19.	Dr. Shashi Kumar	Dr. Rajeev Ranjan	Manisha Kumari	Right to Children to Free and Compulsory Education Act, 2009: A Study of Implementation of the Act in Mohanlalganj, Lucknow.
20.	Dr. Rashida Ather	-	Manoj Kumar	The Role of National Human Rights Commission Protection of Human Rights: A Special Study of Women's Rights
21.	Dr. Rashida Ather	Dr. Vijay Kumar Bhaskar	Sudhir Kumar	भारत में हिन्दू महिलाओं का भरण-पोषण
22.	Dr. Shashi Kumar	-	Brijesh Kumar	अनुसूचित जाति एवं जनजाति के अधिकारों तथा स्थिति का ग्राम हाजीपुर (सुल्तानपुर, उत्तर प्रदेश) का विशेषणात्मक अध्ययन
23.	Dr. Rashida Ather	-	Suresh Kumar	भारत में बालश्रम पर एक विधिक एवं सामाजिक अध्ययन: उत्तर प्रदेश के कानपूर शहर के संदर्भ में

IV. Accomplishments of Students

Number of students completed their Masters/graduation/Diploma	25
Number of Student selected in PCS (J)	5+
Number of Students pursuing higher studies	10+
Number of student selected on other government jobs/banking/school/teaching etc	15+
Number of Students placed through campus interview	NA
Number of Students awarded SLET/NET/JRF/RGNF/ any other fellowship	20+

CENTRE OF POST GRADUATE LEGAL STUDIES

1. Course offered

One Year LL.M.

2. Facilities available in the Department like Department Library

- Fully Wi-Fi connected Building
- One Classroom
- One Laptop and One projector

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

One Day National Seminar, Law Justice and Globalized World: Contemporary Issues and Challenges, Dated 7th March, 2019 Organized by Centre of Post Graduate Legal Studies, SLS.

4. Other Department level Academic Activities

Seminars by Students on current legal issues on Fridays.

5. Visitors of Department form inside the country (during 01/04/2018 - 31/03/2019)

i. Prof. J.S. Bisht, Professor Faculty of Law, Kumaun University, Nainital, UttraKhand.

6. Students achievements

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

Awarded

Sr. No.	Supervisor	Student's Name	Dissertation Title	Remarks
1	Prof. S.K. Bhatnagar	Abhinav Mishra	Uniform Civil Code : issues and Challenges	Degree Awarded
2	Prof. Priti Saxena	Amit Kumar Singh	Rights to privacy : The Expanding Horizons in India	Degree Awarded
3	Prof. Sudarshan Verma	Prashant Tripathi	Constitutional Management of Autonomous Region: A Comparative Study of Constitution of Jammu and Kashmir and India.	Degree Awarded

Sr. No.	Supervisor	Student's Name	Dissertation Title	Remarks
4	Prof. Preeti Misra	Anurag Krishan Tiwary	Rights of Accused Person in India	Degree Awarded
5	Prof. S.D. Sharma	Ilma Ansar	Freedom of Speech and Expression With Special Reference to Hate Speech	Degree Awarded
6	Prof. S.D. Sharma	Sandeep Kumar Yadav	Inception of Electronic Media and Fundamental Rights: Indian Perspective	Degree Awarded
7	Prof. S.D. Sharma	Priyanka Sonkar	Constitutional Goal of Right to Food: A Study in The Light of Food Security Law in India	Degree Awarded
8	Prof. S.D. Sharma	Abhishek Awasthi	Implementation Problem of Government Scheme and Policies with Special Reference to MGNREGA in India	Degree Awarded
9	Dr. S.K. Chadha	Ruchika Sonkar	Dying with Dignity: an Argument for Euthanasia A Dissertation	Degree Awarded
10	Dr. S.K. Chadha	Kanchan Mala	भारत मे निशुल्क और अनिवार्य शिक्षा का अधिकार : निशुल्क और अनिवार्य बाल शिक्षा का अधिकार अधिनियम 2009 के सन्दर्भ में अध्ययन	Degree Awarded

Sr. No.	Supervisor	Student's Name	Dissertation Title	Remarks
11	Dr. S.K. Chadha	Parul Anand	Uniform Civil Code: Personal Law of Women in India with Respect to Marriage and Divorce of Hindu and Muslim Womens	Degree Awarded
12	Dr. S.K. Chadha	Kuldeep Singh	Right to Privacy under Indian Constitution with special reference to Aadhaar Card in India	Degree Awarded
13	Dr. Rashida Ather	Harsh Pathak	Law& Policies for Protection of refuges: A study in Indian perspective	Degree Awarded
14	Dr. Sufiya Ahmed	Brijesh Kumar Gautam	Organ Transplantation :issue and Challenges	Degree Awarded
15	Dr. Sufiya Ahmed	Neha Maurya	Doctrine of Fair Dealing under Copy right Law	Degree Awarded
16	Dr. Anis Ahmad	Sheetansu Kumar Kamal	yksdiky ij ,d fof/kd v/;;u	Degree Awarded
17	Dr. Pradeep Kumar	Ashish Shahi	Child Pornography- A Victimless Crime in India	Degree Awarded
18	Dr. Pradeep Kumar	Gaurav Mani	Legal Mechanisms for the Protection on Women's Human Rights	Degree Awarded

Sr. No.	Supervisor	Student's Name	Dissertation Title	Remarks
11	Dr. S.K. Chadha	Parul Anand	Uniform Civil Code: Personal Law of Women in India with Respect to Marriage and Divorce of Hindu and Muslim Womens	Degree Awarded
12	Dr. S.K. Chadha	Kuldeep Singh	Right to Privacy under Indian Constitution with special reference to Aadhaar Card in India	Degree Awarded
13	Dr. Rashida Ather	Harsh Pathak	Law& Policies for Protection of refuges: A study in Indian perspective	Degree Awarded
14	Dr. Sufiya Ahmed	Brijesh Kumar Gautam	Organ Transplantation :issue and Challenges	Degree Awarded
15	Dr. Sufiya Ahmed	Neha Maurya	Doctrine of Fair Dealing under Copy right Law	Degree Awarded
16	Dr. Anis Ahmad	Sheetansu Kumar Kamal	yksdiky ij ,d fof/kd v/;;u	Degree Awarded
17	Dr. Pradeep Kumar	Ashish Shahi	Child Pornography- A Victimless Crime in India	Degree Awarded
18	Dr. Pradeep Kumar	Gaurav Mani	Legal Mechanisms for the Protection on Women's Human Rights	Degree Awarded

Sr. No.	Supervisor	Student's Name	Dissertation Title	Remarks
19	Dr. Mujibur Rehman	Anil Kumar	Surrogacy: Legal-Ethical Issues	Degree Awarded
20	Dr. Mujibur Rehman	Raghvendra Singh	Role of consent in Rape cases in India: A Legal Study	Degree Awarded

Work in Progress

Sr.No.	Supervisor	Student's Name	Dissertation Title	Remarks
1	Dr.S.K.Chada	Gaurav Awasthy	'Right to freedom of religion in India with reference to Sabrimala Case '	Work in Progress
2	Dr.S.K.Chada	Shivam Kumar Gupta	"Lie Detector Test and it's admissibility in India "	Work in Progress
3	Dr. Pradeep Kumar	Gaurav Kumar Gond	"Access and Benefit Sharing in Traditional Knowledge in India with special reference to Indigenous medicines "	Work in Progress
4	Dr. Anis Ahmad	Qaseem Haider Naqvi	'Air pollution control policies and measures contemporary Issues '	Work in Progress
5	Prof. Priti Saxena	Ved Prakash Dubey	'Foreign Direct Investment in India: New Trends and Challenges '	Work in Progress
6	Prof. Priti Saxena	Ragini Kumari	" A Legal Study of Paradign Shift in Reservation with special reference to 103rd Constitutional Amendment Act 2019"	Work in Progress

Sr.No.	Supervisor	Student's Name	Dissertation Title	Remarks
7	Prof. Preeti Misra	Prashant Kumar Tripathi	" Women Human Rights: A Comprehensive study of International and National Legal Instruments "	Work in Progress
8	Prof. Priti Saxena	Siddharth	'A Legal Study of Election Laws in India'	Work in Progress
9	Prof. Sudarshan Verma	Mahendra Pratap Singh	Compensation to Acid Victim	Work in Progress
10	Dr. Anis Ahmad	Dhirendra Pratap Singh	"Public Interest litigation an instrument for social change"	Work in Progress
11	Prof. S.D. Sharma	Anupam Verma	Doctrine of Equality within the special legal framework of social protection to underprivileged class in Indian Democracy : Issue, challenges & solutions	Work in Progress
12	Dr. Pradeep Kumar	Subhanshu	' Parallel Trail by Media and It's Political Legal Implications'	Work in Progress
13	Prof. Priti Saxena	Deepti Bharti	'A study of Right to Freedom of Expression and Privacy in Digital age'	Work in Progress
14	Prof. Priti Saxena	Taruna Reni Singh	'A study to Media law with reference to Media Trail in India'	Work in Progress
15	Prof. Priti Saxena	Robert Halam	"LGBTQ – Comparative study an laws pertaining to same sex unions "	Work in Progress

II. Number of students completed their Master/Graduation / Diploma

Twenty (20)

III. Number of student selected in civil services (UPSC/UPPSC)

One (01)

IV. Number of students selected pursing higher studies

(13)

V. Number of students selected on other government jobs/banking/ University teaching etc :

i. Students selected as Legal Officer : 02

ii. Students selected as Asst. Professor Law: 07

VI. Number of students awarded SLET/ NET/JRF/any other fellowship

i. No. of JRF : 01

ii. No. of NET : 14

DEPARTMENT OF LAW

The Department of Law started from Session 2008-09 within the School of Legal Studies offering LL.M, B.B.A. LL.B. (H) and Ph.D. 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,Science and Technology, 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.

1. Courses Offered

i. B.B.A. LL.B. (H) (Five Year Course)

ii. LL.M.(Two Year Course)

iii. Ph.D.

2. Facilities available in the Department

Computer Lab, Departmental Library &Moot Court etc.

3. Details of the faculty

i. Prof. Sudarshan Verma

Head, Professor

Specialization: Constitutional Law, Law of Torts, Administrative Law, Women and Law.

Qualification: LL.M. (Rohilkhand University Bareilly), Ph.D. (Kumaun University, Nainital), (JRF)

ii. Prof. S. D. Sharma

Professor

Specialization: Human Rights, Constitutional Law, Jurisprudence, Criminal Law, Right to information

Qualification: LL.M. (Rohilkhand University Bareilly), Ph.D. (Kumaun University, Nainital), (NET)

iii. Dr. Sanjeev Kumar Chadha

Associate Professor

Specialization: Law of Tort, Administrative Law. Intellectual Property Rights, Environmental Law

Qualification: LL.M. (Rohilkhand University Bareilly), Ph.D. (Bundelkhand University, Jhansi)

iv. Ms. Sufiya Ahmed

Assistant Professor

Specialization: Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.

Qualification: LL.M. , (BHU), Ph.D.(BBAU), (NET-JRF)

iv. Dr. Anis Ahmad

Assistant Professor

Specialization: Environmental Law, Jurisprudence, Intellectual Property Law.

Qualification: LL.M. (AMU Aligarh), Ph.D. (MDU, Rohtak), (NET)

v. Dr. Pradeep Kumar

Assistant Professor

Specialization: Criminal Law, Administrative Law Intellectual Property Law,.

Qualification: LL.M. (BHU), Ph.D. (BHU), (NET)

vi. Dr. Mujibur Rehman

Assistant Professor

Specialization: Criminal Law, Family Law, Constitutional Law, Human Rights, Procedural Laws

Qualification: LL.M. (AMU Aligarh), Ph.D. (AMU Aligarh), (NET)

4. Seminar/Conference organized by the Department

- Organized a National Seminar on "Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges (CCMCIC)" on 26th March 2019 organized by Department of Law, SLS, BBAU, Lucknow.

5. Departmental Level Academic Activities

i. **Student's Academic Forum:** Department of Law, School of Legal Studies, BBAU, Lucknow initiated Law Student's Academic Forum in the year 2012.

The forum aim to equip students with necessary skills of debating and discussion and train them in honing up their communication skills especially in argument, motivation and in the development of leadership qualities in the order to constructing and structuring a powerful student community towards a powerful society.

The forum in particular takes up new and emerging issues in legal academia to fill the gap between theory and practice when the implementation of law comes in the broader ambit of social *milieu*.

ii. **Community Legal Literacy and Consultancy/ Mediation Cell (CLLCM):** The Department has established a **Community Legal Literacy and**

Consultancy/ Mediation Cell (CLLCM) in the Department to disseminate the legal knowledge among the Rural - Urban **poor's /illiterate's/ Indigent residents of nearby** villages of the University.

Free Legal Consultancy/ Mediation service will also be provided by the teachers/ Ph.D. students of the Department to poor and illiterate people. For this purpose Department is also try to negotiate with the State Legal Service Authority Uttar Pradesh to provide the free legal aid to the poor's /illiterate's/ Indigent.

iii. **Counseling, Guidance and Placement Cell:**Counseling, Guidance and Placement Cell at Department level has been established to counsel, guide and supervise the students for PCS-J, APO, UGC-NET/JRF and other competitive examinations.

iv. **Glimpses of Legal News:** A soft board is placed in the department on which recent legal updates including new legal enactments, recent judgmentsand articles on various socio-legal issues are pasted. The observations made by the judges in various cases are placed on this board which keep students updated.

v. **The Legal Aid Clinic:**The Legal Aid Clinic has been part of Department of Law, School of Legal Studies,BBAUsince February 2018. The sole aim of Legal Aid Clinic is to bridge the gap between what Law is written in the Books and the actual realities of Law. The Legal Aid Clinic seeks to impart practical knowledge of law to the students of B.B.A.LL.B.(H) course. The clinic provides free legal counseling on all working days.

6. Co-Curricular/Extra-Curricular/ Sports Activities

Cultural Programs organized by students on various occasions like Teachers Day, Welcome, Farewell functionsetc;

7. Visitors of Department from inside the country (during 01.04.2018-31.03.2019)

i. Prof. S.K. Bhatnagar, Vice-Chancellor, Dr. Ram Manohar Lohia National Law University, Lucknow

ii. Prof. Rakesh Singh,Head& Dean, Faculty Of Law, Lucknow University Lucknow

iii. Prof. Chandra Prakash Singh, Faculty Of Law, Lucknow University, Lucknow

iv. Prof. Vinita Kacher, Faculty Of Law, University Of Lucknow, Lucknow

v. Prof. Sunil Deshta, Head, Department Of Law, H.P. University, Shimla (HP)

vi. Prof. R.N. Chaudhary Former Head & Dean Gorakhpur University, 461-L Chaudhary Bhawan, Ganga Nagar, Dasarathpur, Post- Arogya Mandhi, Gorakhpur

vii. Prof. Anand Kumar Vishkarma, Faculty Of Law, University Of Lucknow

viii. Dr. VisalakshiVegesna, Associate Professor, Dr. Ram Manohar Lohia National Law University, Lucknow

ix. Prof. HarbanshDixit,Member Higher Education Commission, Uttar Pradesh

x. Prof. Pradeep Kumar Singh, Faculty Of Law, Banaras Hindu University, Varanasi

xi. Prof. Sanjay Singh, Head of the Department, Dr. Ram Manohar Lohia National Law University, Lucknow

xii. Dr. Sanjay Medhavi, Associate Professor, Departmentof Business Management University of Lucknow, Lucknow

xiii. Prof. Rattan Singh, University Institute of Legal Studies, Punjab University, Chandigarh.

xiv. Prof. S.C. Roy, Chanakya National Law University, Nyaya Nagar, Mithapur, Patna- 800001 (Bihar)

xv. Dr. Kamal Ahmad Khan, Faculty of Law, University of Lucknow, Lucknow

8. Members/Fellowship of Professional/ Academic Bodies/ Editorial Board

Prof. Sudarshan Verma

Life member "Indian Social Science Congress.

Prof. S.D. Sharma

i. Life member of "Indian Law Institute", New Delhi. Membership No. L-1301

ii. Editorial Board: Dehradun Law Review

iii. Board Studies: Dehradun Law College, Uttaranchal University,

Dr. Sanjeev Kumar Chadha

i. Life member of "Indian Law Institute", New Delhi. Membership No. L-1726

ii. Life member in "Indian Society of International Law" New Delhi. Membership No.L-385

iii. Member of "All India Law Teachers Congress". Membership No. 362.

iv. Life member "Indian Social Science Congress" Membership No.LF/1038/214/2007

Dr. Sufiya Ahmed

i. Life Member All India Rights Organization, Lucknow.

ii. Member, Editorial Committee, Azad Academy Journal.

Dr. Anis Ahmad

i. Life Member All India Law Teachers Congress, New Delhi

ii. Member Advisory Board CURE (Clean up & Recycles for Environment) NGO based in Jaipur (Rajasthan).

iii. Member, Editorial Board, Culture, Society & Law, New Delhi (A Refereed, Multidisciplinary, International Journal) ISSN No. 2348-1250.

Dr. Pradeep Kumar

i. Life Member All India Law Teachers Congress, New Delhi.

ii. Member, Editorial Board, Culture, Society & Law, New Delhi (A Refereed, Multidisciplinary, International Journal) ISSN No. 2348-1250.

Dr. MujiburRehman

i. Member, Editorial Board, Culture, Society & Law, New Delhi (A Refereed, Multidisciplinary, International Journal) ISSN No. 2348-1250.

9. Details of Books written/edited by faculty members

Prof. Sudarshan Verma

i. Co-Editor of Book, "Reinventing the Women Past, Present and Future", publication, Army Printing Press, 33 Nehru Road, Sadar, Cantt, Lucknow, 978-81-93260500 , April 2018, Edited by Prof

R C Sobti and et al, Babasaheb Bhimrao Ambedkar University. Lucknow.

10. Details of Book Chapter in edited volume

Prof. Sudarshan Verma

i. Sexual Harassment of Women At Work Place: A Journey from Vishaka to Act of 2013, published in book, Reinventing the Women Past, Present and Future, publication, Army Printing Press, 33 Nehru Road, Sadar, Cantt, Lucknow, 978-81-93260500 April 2018, Edited by Prof R C Sobti and et al, Babasaheb Bhimrao Ambedkar University

ii. Right to Reproductive Health of Women with special reference to Surrogate Mother, published in book, Reinventing the Women Past, Present and Future, publication, Army Printing Press, 33 Nehru Road, Sadar, Cantt, Lucknow, 978-81-93260500(Co-Author Prof. PritiSaxena) April 2018, Edited by Prof R C Sobti and et al, Babasaheb Bhimrao Ambedkar University. Lucknow.

Dr. Sanjeev Kumar Chadha

i. Sanjeev Kumar Chadha,Topic"Women Empowerment in india : Rationale and Present Status."Peer Reviewed, Edited Book "Reinventing the Women : Past, Present and Future," (2018) Edited by R.C. Sobti et.al, ISBN 978-81-932605-0-0.

Dr. Sufiya Ahmed

i. Published a chapter titled "Surrogacy Arrangments: Ethical Challenges and Legal Response" in a book titled Reinventing the Women: Past, Present and Future edited by R.C. Sobti*et.al.*, April 2018.BBAU.

Dr. Anis Ahmad

i. Anis Ahmad, Environmental Impact Assessment in India: An Analysis of Law and Judicial Trends in Contemporary Perspective in K.M.Baharul Islam & Zafar MehfoozNomaniEnvironmental Impact Assessment: Precept and Practice (2019) ISBN NO. 9789-38667-7907Manakin Press, New Delhi.

11. Paper Published during the year by the faculty members (during 01.04.2018-31.03.2019) (UGC listed Journal)

Prof. Sudarshan Verma

i. Manvadhikaron Ka Samvardhanavam Sanrakshan: Sarkar Ki Bhumika, Nai Dishaein, National Human Right Commission of India. 2018

ii. ManvadhikaronKeYug Main Garimapurn Jeevan Se Vanchit Strian, MahilaVidhi Bharti, Vidhi Bharti Parishad New Delhi 2018

iii. Muslim vayaktik Vidhi main Teen Talaquetatha Samvidhan main Pradatt Adhikaron Ka Sanrakshan: Ek Avlokan, Mahila Vidhi Bharti, Vidhi Bharti Parishad New Delhi 2019

Prof. S.D. Sharma

i. Death under Penal Law and Life under constitution Dehradun Law Review, volume 10, Issue-01, November, Page- 01 to 13, 2018, ISSN-2231, Uttaranchal University.

ii. Gandhian Philosophy for Legal Morality, HRD, New Delhi.

Dr. Sanjeev Kumar Chadha

i. Sanjeev Kumar Chadha&Shailesh

Mishra, " Sexual Abuses and Other Forms of Violence Against Dalit Women" "Annals of Multi – Disciplinary Research," An International Peer Reviewed , Refereed Research Journal, Approved UGC Journal No. 48728, Volume 8, Issue 3, April 2018, ISSN 2249 – 8893, Impact Factor 3.034, Page No. 324-334.

ii. Shailesh Mishra&Sanjeev Kumar Chadha, " Prison Administration in India and USA : A Comparative Study " " VAICHARIKI" A Multidisciplinary Refereed International Peer Reviewed Research Journal, Approved UGC Journal No 47299, Volume 8, Issue 3, April 2018, ISSN 2249-8907, Impact Factor 3.192, Page No. 233-247.

iii. Sanjeev Kumar Chadha&Shailesh Mishra, " Legal Status of Marrital Rape in India" "AD VALOREM", Journal of Law, An International Peer Reviewed Research Refereed Journal, Approved UGC Journal No. 41336, Volume 5, Issue 3, Part 3, July – September 2018, ISSN 2348-5485, Impact factor 3.934, Page No. 109-112.

iv. Sanjeev Kumar Chadha& Abhishek Shrivastava" The Sanctity of Life and Death: The Euthanasia Debate In India" ." "AD VALOREM", Journal of Law, An International Peer Reviewed Research Refereed Journal, Approved UGC Journal No. 41336, Volume 5, Issue 4, Part 1, October – December 2018, ISSN 2348-5485, Impact factor 3.934, Page No. 1-9.

v. Sanjeev Kumar Chadha,"A Study of Indian Patent System relating to Patent Convention: Infringement and Remedies." "AD VALOREM", Journal of Law, An International Peer Reviewed Research Refereed Journal, Approved UGC Journal No. 41336,Volume 6, Issue 1, January to March 2019, ISSN 2348-5485, Impact factor 3.934, Page No. 5-11.

Dr. Sufiya Ahmed

i. Published a paper titled "Second Trimester Abortion in India: Why Should Not Be Legalized?" in the ***Ad Valorem: Journal of Law***ISSN: 2348-5485, Vol.: 5, Issue: 1, January-March:2018, page 1-5.

ii. Published a paper titled " Revisiting Originality in Copyright Law with Reference to Literary Work" in the ***Indian Bar Review: A Referred Journal,*** ISBN: 978-81-931981-0-0, Vol. 45(2,) 2018, page123-140.

iii. Published a paper titled "Criminalizing Marital Rape in India: The Need of an Hour" in ***Indian Journal of Law and Human Behavior*** ISSN 2454-7107, vol. 4, no. 1, jan-June 2018, page133-137.

iv. Published a paper titled "Embryo Freezing and Donation: Ethical-Legal Issues" in *ILI Law Review, Summer Issues 2018* page 114-135.

v. Published a paper titled **"**सरोगेसी एक ज्वलंत मुद्दा**" in MahilaVidhi Bharti: Research Quarterly Law Journal**

vi. Published a paper titled, **A Critical Study of Sample, Sampling Technique and Procedure in Research Methodologyy** in ***Ad VALOREM****, vol.5, issue: III, July-Sept. 2018, ISSN 2348-5485*

Dr. Anis Ahmad

i. Anis Ahmad and Sonal Singh "Intellectual Property Rights and Economic Growth: An Assessment in

Indian Perspective" XX ***M D University Law Journal*** (2018) ISSN 2230 -746X.

ii. MujiburRehman, Anis Ahmad & Prashant Kumar Varun, "Conservation of Biodiversity and Role of National Green Tribunal: A Legal Analysis" Vol: 05 Issue: II April-June 2018 ***AD VALOREM Journal of Law*** (An International Peer Reviewed Research Refereed Quarterly Journal) (Part-2).ISSN: 2348-5485.

iii. Anis Ahmad and Sonal Singh "Role of National Green Tribunal with special Reference to Sustainable Development in India: A Legal Analysis" Vol. 46 Issue No.01 ***Indian Bar Review, New Delhi,*** **(Jan- March, 2019)**.

Dr. Pradeep Kumar

i. "Environmental Sustainability and Social Justice" Vol. 5, Issue, 2 **December 2018,** ***National Journal of Comparative Law, A Refereed Journal, ISSN/ISBN No, 23939398***

Dr. Mujibur Rehman

i. Mujibur Rehman, Anis Ahmad & Prashant Kumar Varun, "Conservation of Biodiversity and Role of National Green Tribunal: A Legal Analysis" Vol: 05 Issue: II April-June 2018 ***AD VALOREM Journal of Law*** (An International Peer Reviewed Research Refereed Quarterly Journal) (Part-2).ISSN: 2348-5485

ii. Irshad Ahmad and MujiburRehman, "Cyber Security Issues and Challenges in India: A Legal Analysis with special reference to I.T. Act, 2000" Vol. 45 (3) 2018 (July-September 2018) ***INDIAN BAR REVIEW*** (A Referred Journal) ISBN 978-81-931981-0-0.

12. Attended/ participated in Conferences/seminar/ workshop Inside Country-

Prof. Sudarshan Verma

i. Presented paper on Topic "Role of Dr. Ambedkar in National Building" National Seminar held on dated 14 April 2018 organized by Babasaheb Bhimrao Ambedkar University. Lucknow.

ii. Presented paper on Topic "Social and religious Morality Vs Constitutional Morality: An analysis"National Seminar on 26th March 2019 on "Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges, organized by the Dept. of Law, School for legal Studies, BBAU, Lucknow.

iii. Co-Director, National Seminar"Ambedkar's vision on social justice through social development ,"organized by Babasaheb Bhimrao Ambedkar University, Lucknowon dated 14 April 2018.

iv. Director, National Seminar "Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges",organized by the Dept. of Law, School for legal Studies, BBAU, Lucknowon 26th March 2019.

Prof. S.D. Sharma

i. Chaired a session in National Seminar on 'role of Judiciary in personal law Reforms in India', Vasudev Law College Haldwani, Uttarakhand, 6th& 7th October 20018.

ii. Key Note Speaker On the Topic "Role of Judiciary and Personal law", Vasudev Law College Haldwani, 6th& 7th October 2018.

Dr. Sanjeev Kumar Chadha

i. Presented paper in National Seminar on Topic " Women's status in Indian Society : Need for women empowerment," held on dated 24 March 2018, Organised by Libra College of Law, Dehradun.

ii. Presented paper in one day National Conference on Topic " Ambedkar'svisison on social justice through social development ," held on dated 14 April 2018, Organizedby Babasaheb Bhimrao Ambedkar University. Lucknow.

iii. Presented paper in National Conference on Topic "Environmental protection policies: challenges and remedies," held on dated 07 July 2018, Organizedby University of Rajasthan, Jaipur.

iv. Presented paper in National Seminar on Topic, " LGBTI and their Right's" held on dated 06 March 2019, Organized by Department of Human Rights, at Babasaheb Bhimrao Ambedkar University. Lucknow.

v. Presented paper in National Seminar on Topic, " Globalization and Human Rights: An overview," held on dated 07 March 2019, Organized by Department of Human Rights, at Babasaheb Bhimrao Ambedkar University. Lucknow.

vi. Presented paper in National Seminar on Topic, " Social Morality Vs. Constitutional Morality 'Media and Ethics', held on dated 26 March 2019, Organized by Department of Law, at Babasaheb Bhimrao Ambedkar University. Lucknow

Dr. Sufiya Ahmed

i. Presented a paper on Educational Status of Muslim Women in India in the National symposium on Gender in Higher Education Organized by Committee for Basic facilities of Women on March 8, 2018.

ii. Presented a Paper on "Surrogacy in India: Constitutional, Social and Moral Issues" in National Seminar on 26th March 2019 on constitutionalism and constitutional morality: contemporary issues and challenges, organised by the Dept. of Law, School for legal Studies, BBAU.

iii. Presented a Paper on "Reproductive Justice and Right of Abortion" in National Seminar on 7th March on Law and Justice in Globalized World: Contemporary Issues and Challenges, organised by CPGLS, School for legal Studies, BBAU.

iv. Presented a Paper on "Surrogacy Arrangement for LGBT Couples: Legal-Ethical Issues" in National Seminar on 6th March on Human Rights of LGBTQ: Law and Judicial Approach, organised by the Dept. of Human Rights, School for legal Studies, BBAU.

Dr. Anis Ahmad

i. Participated in Refresher Course in the Subject Research Methodology (ID) 10th Dec, 2018 to 31st Dec, 2018 organized by the U.G.C, HRDC, Centre, University of Lucknow, Lucknow.

ii. Presented a paper on "Globalization and its impacts on Human Rights: A Contemporary Perspective in one day National Seminar on Law and Justice in Globalised World: Contemporary Issues and Challenges on 07th March, 2019 organized by Centre of Post Graduate Legal Studies, SLS,BBAU, Lucknow.

iii. Presented paper on"Importance of Constitutional Morality in Contemporary Era: A Juristic Assessment" in one day National Seminar on 'Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges" 26th March, 2019 organized by Department of Law, SLS, BBAU, Lucknow.

Dr. Pradeep Kumar

i. Participated in Faculty Development Programme, 27th Nov.,-07th Dec., 2018, organized by the Department of Sociology, BBAU, Lucknow

ii. Presented paper on "Child Bonded Labour is Violation of Human Rights,"in one day national Symposium on Human Rights in 21st Century: National and International Perspectives, dated 18th November 2018, Organised by Department of Human Rights, SLS, Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. Presented paper on "Judicial Process for Social Justice in Globalised World," in one day National Seminar on Law and justice in Globalised World: Contemporary Issue and Challenges on 7th March 2019,Organised by CPGLS, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow.

iv. Presented paper on"Effect of Unconstitutionality of sec. 497 of IPC "the wife cant be treated as Chattel: A Socio Legal Study" one day National Seminar on 'Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges" 26th March, 2019 organized by Department of Law, SLS, BBAU, Lucknow.

v. Presented paper on"Gandhi, Non-Violence and Contemporary Indian Society: An Appraisal" one day National Seminar on 'Contextualizing mahatma Gandhi's Philosophy in 21st Century: Democracy, Justice, Equality and Non-Violence on 29-30 March 2019organized by Dr. Ram Manohar Lohiya National Law University, Lucknow.

Dr. Mujibur Rehman

i. Presented a paper on "Human Rights of LGBTQ Community: From Legality to Reality" in one day National Seminar on 'Human Rights of L.G.B.T.Q.: Law and Judicial Approach' on 6th March 2019 organized by Department of Human Rights, SLS, BBAU, Lucknow.

ii. Presented a paper on "Globalization& its impact on Social Justice: A Human Rights Perspective" in one day National Seminar on 'Law and Justice in Globalized World: Contemporary Issues and Challenges' on 7th March 2019 organized by Centre of Post Graduate Legal Studies, SLS, BBAU, Lucknow.

iii. Presented a paper "Constitutionalism & Constitutional Morality in India: Revisiting in present Context" in one day National Seminar on 'Constitutionalism and Constitutional Morality: Contemporary Issues and Challenges' on 26th March 2019 organized by Department of Law, SLS, BBAU, Lucknow.

13. Consultancy works, if any

Free Legal Aid

14. Details of invited lecture Inside the country

Prof. S.D. Sharma

i. Human Rights Institutions in India, Training Programme to Law teachers of Invertis University Bareilly UP, 23th April 2018

ii. Innovative Techniques and Magnitude of the Teaching methodology in Higher Education, Uttaranchal University Dehradunm 21July 2018

iii. Key Note on Role of Judiciary in Personal law Reform in India: Prospects and Challenges , Vasudev College of Law HaldwaniNainitalUttarakhand, 6th October 2018

iv. Motivated lecture to Alumni of Human Rights Department, Human Rights Department BBAU, 3rd March 2019

v. Cyber Crimes: Issues and Challenges, Faculty of Law JamiaMilliaIslamia New Delhi, 6th March 2019

vi. Law and Justice in Globalised World: Contemporary issues and Challenges, CPGLS BBA University Lucknow, 7th March 2019

Dr. Anis Ahmad

i. Lecture delivered on " Cyber Law and Intellectual Property Rights" Two Week Faculty Development Programme (FDP) on Ensuring Excellence in Teaching/ Learning/Research in Higher Educational Institutions Using ICT (ID) 22nd Dec,2018 -06th January, 2019 organized by the Department of Information Technology, BBAU, Lucknow.

ii. Lecture delivered on "Climate Change: Threats and Solutions" on 16th Feb, 2019 at Institute of Legal Studies, SRM University, Lucknow.

iii. Lecture delivered on "Role of Arbitrator under Alternative Dispute Resolution System" on 09th May, 2019 at Institute of Legal Studies, SRM University, Lucknow.

15. Details of International Awards/ Fellowship

Dr. Sanjeev Kumar Chadha- International Fellow Award by International Council for Mau of Nature (MANU) December 2019. In recognition of distinguished contribution in education.

16. Students Achievements:

i. Ph.D. awarded during the year

S. No.	Name of Supervisor	Guide	Title	Fellowship Availed/Availing
1	Mr. Narendra Kumar Mishra	Dr. Pradeep Kumar	"Juvenile Justice System in India: A Study with reference to Juvenile justice (Core and protection) Act, 2015"	Non-Net Fellowship

ii. Faculty wise supervision of the Ph.D. Degree submitted:

S.No.	Name of Supervisor	Guide	Title	Fellowship Availed/ Availing
1	Neelam Verma	Dr. Anis Ahmad	Cyber Squatting in India: Need For Protection of Domain Name	RGNF
2	Sweta Rani	Prof. PritiSaxena	Right to Information Act 2005: A Study With Special Reference to Working of State Information Commission of Utter Pradesh	Non-NET Fellowship
3	Anil Kumar	Dr. Anis Ahmad	Legal Framework on E-Waste Management: A Critical Analysis	JRF Fellowship
4	Ajit Kumar Gond	Dr. Anis Ahmad	Biodiversity Law: An Analytical Study with Special Reference to Acce4ss and Benefit Sharing	Non-NET Fellowship
5	Rajvardhan	Dr. Pradeep Kumar	Child Labour in India: A Socio-Legal Study with Special Reference to Lucknow District	ICSSR
6	Ranjit Bharti	Dr. Pradeep Kumar	The study of Socio-Legal Challenges of Naxalism in India	JRF
7	Arun Kumar Mishra	Prof. PritiSaxena	A Study on Judicial Trends in Privacy Law with Special Reference to Data Protection	JRF
8	VibhaTripathi	Prof. Sudarshan Verma	Gender Justice in Muslim Personal Law with Special Reference to Divorce	Non-NET Fellowship
9	Mohan Kumar Gond	Ms. Sufiya Ahmed	A Socio-Legal study of Surrogacy Arrangement in the Fertility Centers of Lucknow City	Non-NET Fellowship

S.No.	Name of Supervisor	Guide	Title	Fellowship Availed/Availing
10	Abhishek Srivastava	Dr. Sanjeev Kumar Chadha	Attitude and Understanding Towards "Euthanasia : A Socio-Legal Study in the in the City of Lucknow "	Non-NET Fellowship
11	VirVikram Bahadur Singh	Ms. Sufiya Ahmed	Medical Termination of Pregnancy: A Juridical Study.	Non-NET Fellowship
12	Dinesh Kumar Singh	Ms. Sufiya Ahmed		Non-NET Fellowship
13	Irshad Ahmad	Prof. Sudarshan Verma		Non-NET Fellowship
14	Shalini Singh Tomar	Prof. PritiSaxena		Non-NET Fellowship
15	Sateesh Kumar	Dr. Pradeep Kumar		Non-NET Fellowship
16	Ashwini Kumar Chaudhari	Prof. Sudarshan Verma		Non-NET Fellowship
17	Shalini Shukla	Prof. Sudarshan Verma		Non-NET Fellowship
18	Anuj Kumar	Dr. Anis Ahmad		Non-NET Fellowship
19	Shailesh Mishra	Dr. Sanjeev Kumar Chadha		Non-NET Fellowship
20	Shashi Gautam	Prof. Sudarshan Verma		Non-NET Fellowship
21	Shubhyanka Rao	Dr. MujiburRehman		Non-NET Fellowship
22	Chandana Suba	Dr. Sanjeev Kumar Chadha		Non-NET Fellowship
23	Nitesh Kumar Chaturvedi	Prof. Sudarshan Verma		Non-NET Fellowship

iii. Accomplishments of students

Number of student completed their Masters/ Graduation/Diploma	B.B.A. LL.B.(H)	06
	LL.M.	25
Number of student selected in Civil Services (UPSC/UPPSC)	UPSC	
	UPPSC	07 (selected as Judicial officers through UPPSC (J)
Number of student pursuing higher studies	Ph.D.	05
Number of student selected on other government Jobs/Banking/ School teaching etc	02	
Number of students placed through campus interview	Nil	Nil
Number of student awarded SLET/NET/JRF/ any other fellowship	NET	03
	JRF	01

17. Details of the publications of the students (Books/Article/Books Chapter)

S. No.	Name of Student/ Scholar	Books	Book Chapters	Papers in UGC listed journal	Papers in other peer review journal
1	Nitesh Kumar Chaturvedi			"भारत सरकार की नीतियों एव कार्यक्रमों के माध्यम से मूल मानव अधिकारों का सम्बर्धन एवम संरक्षण" published NHRC Journal "Nai Dishayain" vol.-15 2018.	'मुस्लिम वैक्तिक विधि में तीन तलाक तथा संविधान से प्रदत्त अधिकारों का संरक्षण एक अवलोकन' published in Mahila Vidhi Bharati Patrika, volume-98 (January–March) 2019.

SCHOOL OF MANAGEMENT STUDIES

The School of Management Studies was established in the year 2010. The School started with one Department, Department of Rural Management with only one course namely Master of Business Administration in Rural Management (MBA- RM) but gradually it got momentum and in subsequent years it has added many more courses on sectoral Management and Ph.D in Management, M.Phil in Management, BBA & B. Com (Hons). The Department is growing at a phenomenal pace and catering to the diverse needs of the industries as well as the society.

1. Number of Departments: 01 Department of Rural Management
2. Number of faculty in Department: 06 Full Time, 13 Resource Person
3. Special Highlight of the Schools: The school offers all areas of management which are the need of modern days. The school has marked its distinction in good placement, training, teaching and the student friendly environment.
4. Citation-index of the school : Not Calculated
5. Any Other information: NA

DEPARTMENT OF RURAL MANAGEMENT

Department of Rural Management was established in the year 2010 with single course in Management viz, MBA -Rural Management

1. Course Offered :

i. MBA-Rural Management

ii. MBA-Marketing Management

iii. MBA- Human Resource Management

iv. MBA- Financial Management

v. M.Phil in Management

vi. PhD in Management

vii. B.Com (Hons)

viii. BBA

2. Details of Faculty

i. Prof. Md. Shakil Khan

Professor & Head

Specialization: Marketing, International Business & Rural Marketing.

Qualification: MBA, PhD

ii. Prof. Kushendra Mishra

Professor

Specialization: Nonprofits, Performance Management, Monitoring, Accountability, Strategy and Micro planning

Qualification: PhD (Business Administration)

iii. Dr. Abhilash Babu

Assistant Professor

Specialization: Participatory Development

Qualification: M.A, M.Phil, UGC – NET/JRF

iv. Dr. Taruna

Assistant Professor

Specialization: H.R.M. OB, Stress Management

Qualification: M.B.A, PhD (Business Administration)

v. Dr. Ramesh Kumar Chaturvedi

Assistant Professor

Specialization: Consumer Research

Qualification: M.B.A, PhD, MDSE, MA Public Administration

vi. Dr. Lata Bajpai Singh

Assistant Professor

Specialization: H.R.M. OB, Employee Engagement

Qualification: M.B.A, M.A, U.G.C - NET (JRF), PhD

3. Facilities available in the Department

i. Physical Facilities :

a) Classrooms-15

b) Classrooms with LCD facilties-05

c) Classrooms with WIFI-15

ii. Library as a Learning Resource : 01 (Non Functional)

iii. IT Infrastructure : No. of computers-25

Computer Lab- 01

Office-03

Maintenance of Campus Infrastructure: Internet Wifi

Available bandwidth- 1gb/per day

4. Details of the Seminar/Conference organized

i. Seven Days National Workshop on Research Methodology between 08.03.2019-14.03.2019

ii. National Seminar on "Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better future" on 14th April 2018.

iii. Debate competition on Eradicate Corruption –Build A New India on 02.11.2018

5. Co-curricular/Extra-Co-curricular/ conferences event organized by the Department –

Students are actively participating in Football, Cricket, Volleyball, and other sports organised by University on University level and have won the trophies and medals on regular basis.

6. Other Department Level Academic Activities

i. Clean India Green India - 2018

ii. Swachhta Abhiyan - 2018

iii. Eye Donation Awareness Camp - 2018

7. Co-curricular/Extra-curricular/sport Activities

Two students have won first Prize in Business quiz Completion Organised by NIPM, Lucknow champion.

i. Students had participated in inter university co-curricular activities and won medals.

ii. Two students of department are teaching as guest faculty members

iii. in Management subjects in Department of Human Rights of

iv. BBAU and other Private university.

v. Students of department got placement in Public sector banks .

vi. Students participated in sports activities organised by the University and won medals.

vii. Students of MBA programmes are undergoing internship at reputed organisations.

viii. Best Player award for the year 2018 to

B.Com IV Sem. Student.

8. Visitors of Department from inside the country (during 01.04.2018-31.03.2019):

Many Professors of Central Universities and Industrial Speakers from SEBI, NTPC, Myntra etc.

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

Prof. M. S. Khan

i. Assessor – NAAC

ii. Assessor- NBA (National Board for Accreditation)

iii. Member- Board of Studies, Faculty of Commerce, AMU Aligarh

iv. Member- DRC, Faculty of Management Studies, Jauhar University, Rampur

v. Editorial Chairperson for TJPRC an International Journal with ISSN:2249-6939,2249-6882,2249-6920

10. Details of Books written/edited by faculty members;

i. Dr. R. K Chaturvedi- Advertising Planning & Strategy, Text Book, Educreartion Publisher, New Delhi

11. Details of Book Chapter in edited volume

Prof. M. S. Khan

i. Prof. M. S. Khan- Khan & Singh Sonakshi (2018). A study of Customer Relationship Management (CRM): Opportunities & Challenges. In Contemporary Research in Management (Ed).(pp: 1-13). Educreation Publishing, New Delhi. ISBN: 978-93-88-381-81-9

ii. **Kanojia Rahul & Khan, M. S. (2018).** A Study on Digital Financial Literacy of Universities students in Lucknow. In contemporary Research in Management (Ed) (pp: 187-198). Integral University, Lucknow ISBN: 978-93-86432-96-4.

Dr. R. K. Chaturvedi

i. Chaturvedi, R.K (2018). Public policy and Consumer Advocacy (Ed). (pp:64-68). Dimensions of Consumer Decision Making; Dr. Atul Dhayani; Excel Publisher, New Delhi ISBN- 978-93-88237-314

ii. Chaturvedi, R.K (2018). Impact of microfinance on Women Empowerment in Lucknow Region (Ed). (pp:154-181). Contemporary Research in Management,; Educreation Publishing, New Delhi ISBN- 978-93-883818-19

iii. Chaturvedi, R.K (2018). Understanding the Importance of SEO in Digital Marketing,. (Ed). (pp:182-191). Contemporary Research in Management. ISBN- 978-93-88381-819.

iv. Chaturvedi, R.K (2018). SWOT Analysis of Empowerment of Rural Women in India. (Ed). (pp:192-199). Contemporary Research in Management. ISBN- 978-93-88381-819.

Dr. Lata Bajpai Singh

i. Singh, L. B, & Singh, A (2018). Workshop discipline for an employee's resilience at Indian bank. Emerald Emerging Markets Case Studies, 8(3), 1-25.

ii. Singh, L. B (2018). Unemployment, Underemployment and its Effects. In Contemporary Research Management (pp. 14-28). Educreation Publishing.

iii. Singh, L. B (2018). Human Resources Practices in SME's: A case study of Faridabad, India. In responsible Humane Strategies for Gender, Equality, Empowerment and Leadership. (pp.76-88). Bloomsbusy Prime. ISBN: 978-93-88630-08-5.

iv. Singh, L. B (2019). Unemployment and mental health: A Challenge for Policy Makers. In Disruptive Paradigm Shift and Sustainability Revolution (pp. 19-26). Bloomsbusy Prime. ISBN:978-93-88912-006-6.

11. Paper Published during the year by the faculty members (during 01.04.2018-31.03.2019);

1. **Prof. M.S. Khan** Financing administration Vs Role of Higher Education Institution focusing Central Universities of India in IJCRT, ISSN No. **2320-2882**

2. **Dr. R. K Chaturvedi** Consequential influence of shopper's service perception on Impulse Buying in Sankalp Journal of Research and Management ISSN No. **2231-1904**

3. **Dr. Lata B. Singh** Determinants of Job satisfaction and its impact on affective, continuance and normative commitment of employee ; An empirical study in IGI, Global ISSN no.- **2250-060X**

12. Attended/participated in Conferences/seminar/workshop inside Country;

i. **Prof. M.S.Khan – 06**

ii. Dr. Taruna- 07

iii. Dr. R.K Chaturvedi- 06

iv. **Dr. Lata B. Singh- 07**

13. Details of invited lectures inside country

i. **Prof. M. S. Khan:** Basics of Research in DRM, BBAU on 08 March' 19- 14' March '19.

ii. **Prof. M.S. Khan:** Ensuring Excellence in teaching/ Education/ Research in Higher Institutions, using ICT as Resource person, in DIT, BBAU on 22 Dec '18-06 Jan' 19.

14. Students achievements

I. Faculty wise supervision of the Ph.D degree awarded.

1. Prof. M.S. Khan- 02
2. Pro. K. Mishra-04
3. Dr. Abhilash Babu- 01

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

1. Prof. M. S. Khan -02
2. Prof. K. Mishra-01

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

S. No.	Faculty Name	Candidate Name	Gender	Session	State of Domicile
1.	Prof. M. S. Khan	Vandana Singh	F	2018	UP
2.	Prof. M.S. Khan	Tanuja Singh	F	2014	Delhi
3.	Prof. M.S. Khan	Azmee Zaheer	F	2017	UP

S. No.	Faculty Name	Candidate Name	Gender	Session	State of Domicile
4.	Prof. M.S. Khan	Ravi Raj Singh	M	2015	UP
5.	Prof. M.S. Khan	Ekta Rastogi	F	2015	UP
6.	Prof. M.S. Khan	Komal Ahuja	F	2015	UP
7.	Prof. M.S. Khan	Monisha Bhatia	F	2016	UP
8.	Prof. Kushendra Mishra	Shikha Tripathi	F	2015	UP
9.	Pro. Kushendra Mishra	Swati Anand	F	2018	UP
10.	Prof. Kushendra Mishra	Sudhakar Puskar	M	2016	UP
11.	Prof. Kushendra Mishra	Abhishek Mishra	M	2016	UP
12.	Prof. Kushendra Mishra	Syed Khushbu Mehdu Rizve	F	2016	UP
13.	Dr. Ramesh Kr. Chaturvedi	Mona Gautam	F	2018	UP
14.	Dr. Ramesh Kr. Chaturvedi	Abhivyakti Kumari	F	2018	UP
15.	Dr. Ramesh Kr. Chaturvedi	Om Prakash Singh	M	2016	UP
16.	Dr. Ramesh Kr. Chaturvedi	Shivang Dwivedi	M	2016	MP
17.	Dr.Abhilash Babu	Arun Kumar	M	2015	UP
18.	Dr.Abhilash Babu	Mussa Mohammad	M	2015	J&K
19.	Dr.Abhilash Babu	Vinay Kr.Punia	M	2016	UP
20.	Dr. Abhilash Babu	Neeraj Kumar	M	2016	UP
21.	Dr. Taruna	Seema	F	2015	UP
22.	Dr. Taruna	Pratiksha Mishra	F	2015	UP
23.	Dr. Taruna	Arpit Shailesh	M	2015	UP
24.	Dr. Taruna	Hage Tam	M	2015	UP

IV. Faculty wise supervision of the M.Phil degree awarded.

1. Prof. M. S. Khan- 02
2. Prof. K. Mishra-02
3. Dr. Abhilash Babu-01
4. Dr. R. K. Chaturvedi- 01
5. Dr. Taruna -01

V. Faculty wise supervision of the M.Phil dissertation submitted.

1. Prof. M. S. Khan- 02
2. Prof. K. Mishra-01
3. Dr. R. K. Chaturvedi- 01
4. Dr. Taruna -01
5. Dr. Lata B. Singh- 01

15. Accomplishments of students

- Number of student completed their masters/graduation/Diploma.

  MBA- 200

  BBA- 70

  B. Com(Hons) - 110

- Number of student selected in civil services (UPSC/UPPSC):Records not Available
- Number of student pursuing higher studies.

  PhD- 10

  M.Phil- 05

- Number of student selected on other government jobs/banking/school teaching etc. Records not available
- Number of students placed through campus interview.
- Details of campus placement during the year

On campus

1. Name of Organisations Visited- Digital Media Works

   No. of Students Participated- 43

   No. of Students Placed- 08

2. JARO Institute of Technology, Management & Research Pvt Ltd

   No. of Students Participated- 50

   No. of Students Placed- 02

3. Indi Hire Consultants, New Delhi

   No. of Students Participated- 33

   No. of Students Placed- 05

4. Glee Garments Marketing Pvt Ltd

   No. of Students Participated- 48

   No. of Students Placed- 14

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

1. NET- 06
   UP12520701 & UP 12520701
2. SET- 06
3. SLET- 10

SCHOOL OF PHYSICAL & DECESION SCIENCES

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

i. Department of Chemistry

ii. Department of Mathmetics

iii. Department of Physics

iv. Department of Statistics

Department of Chemistry

Currently the department offers two years Postgraduate programme in Chemistry for which candidates are selected through National Level entrance test. The department also offers Ph.D. programme. The Chemistry department has a UV-Vis Spectrophotometer (Cary 100), Rheometer (Anton Paar), FTIR (Perkin Elmer SP2) and BET Surface analyzer (Belsorp-mini-II, make Bell Japan).

1. Course Offered

i. M.Sc. Chemistry

ii. Ph.D Chemistry

2. Facilities available in the Department

i. 01 M.Sc. Lab

ii. 01 Shopisticated Instrumentation Lab

iii. 01 Departmental Library.

iv. 01 Smart Class room

v. 01 Per teacher personal lab

3. Details of the Faculty

i. Prof. Kaman Singh

Head & Professor

Specialization: Physical Chemistry, Advance Surface Chemistry

Qualification: M. Sc.; Ph. D., National Sugar Institute, Kanpur

ii. Prof. Gajanan Pandey

Professor

Specialization: Materials chemistry, Coordination chemistry, Environmental chemistry

Qualification: M. Sc.; Ph. D., B.H.U.

iii. Dr. Anjani Kumar Tiwari

Associate Professor

Specialization: Chemical Kinetics, Biomedical Sciences, Neuro-receptor quantification (TSPO/AChE/5-HT), Computer added drug design (CADD) and Medical Chemistry, Radio Chemistry

Qualification: M. Sc.; Ph. D.

iv. Dr. Jyoti Pandey

Assistant Professor

Specialization: Organic Synthesis, Medicinal Chemistry, Heterocyclic and Carbohydrate Chemistry

Qualification: M. Sc.; Ph. D. (CDRI-JNU, Lucknow)

v. Dr. Shailesh Kumar

Assistant Professor

Specialization: Synthetic Medicinal Chemistry,

Diversity Oriented Synthesis of Heterocyles of medicinal importance, Organocatalysis

Qualification: M. Sc.; Ph. D. (CDRI-JNU, Lucknow)

vi. Dr. Preeti Gupta

Assistant Professor

Specialization: Carbohydrate Chemistry and synthesis of Glycosidase Inhibitors, Medicinal Chemistry, Steroidal Hybrids and mimics

Qualification: M. Sc.; Ph. D. (IIT Kanpur)

vii. Dr. Jawahar L. Jat

Assistant Professor

Specialization: Development of new synthetic methodologies, Green and Sustainable Synthetic Chemistry, Medicinal Chemistry.

Qualification: M. Sc., Ph. D.

4. Details of the seminar/conference organized by the Department

i. Prof. Kaman Singh organized 02 National Seminar (The celebration of Dr. B.R. Ambedkar Jyanti on 14th April, 2019 and Commemoration of the 23rd Anniversary of the Foundation Day of the BBAU) and 01 International Conference (Global Conference on the Control of Green House Gases at the Source by Physical and Chemical Technology (GCCGHGSPCT2k19) 22-24 April, 2019)

ii. Convener (Dr. Anjani Kumar Tiwari) - Summer Training SIC – to trace the Signature of Materials Summer Training School on Instrumentation and Characterizations. May 24-25, 2018, BBAU, Lucknow, U.P., India

iii. Organizing Secretary (DrAnjani Kumar Tiwari)- Celebration of 87th birth anniversary of Bharat Ratna Dr. A.P.J. Abdul. October 15-16, 2018. BBAU, Lucknow, U.P., India

iv. Convener (DrAnjani Kumar Tiwari)- Winter Training SIC – to trace the Signature of Materials Summer Training School on Instrumentation and Characterizations. Jan 30-31,2019 , BBAU, Lucknow, U.P., India

5. Other Departmental level Academic Activities:

i. Guest lecture by Prof. O.P. Pandey eminent speakers on "Science in ancient India: Relevance in modern world" Organized by Prof. Gajanan Pandey, Department of Chemistry, BBA University Lucknow on 12.03.2019

ii. Guest lecture by Prof. D. Kumar on Organized by Prof. Kaman Singh, Department of Chemistry, BBA University Lucknow on 12.03.2019

iii. Guest lecture by Prof. Sanjay Srivastava Srivastava Organized by Prof. Kaman Singh, Department of Chemistry, BBA University Lucknow on 23.10.2018

iv. Guest lecture by Prof. Prof. Surendra Kumar Saxena on "Hydrogen Enegrgy" Organized by Prof. Kaman Singh, Department of Chemistry, BBA University Lucknow on 29.05.2019

6. Co-curricular/Extra-curricular/sports Activities by the department:

i. Cultural programs organized by students on various occasions like Teachers day, Welcome Farewell etc. plantation and swachatapakhawada etc.

ii. DrAnjani Kumar Tiwari worked as a Joint Organizing Secretary- Workshop on "Important Techniques for Characterization of Molecules", Faculty of Chemical Sciences, Shri Ramswaroop Memorial University, March 25-29, 2019, Lucknow, U.P., India

7. Visitors of Department from inside the country (during 01.04.2018-31.03.2019)

i. Prof. O.P. Pandey, NIPER Raebareli.

ii. Prof. D. Kumar, Govt. Science Model College, Jiwaji University, Gwalior (M.P.)

iii. Prof. R.P. Singh, ISER, Pune

iv. Prof. H.P. Tiwari and Prof. Jagdamba Singh, University of Allahabad

v. Prof. D.D. Pathak, IIT-ISM, Dhanbad

vi. Prof. Man Singh, Central University of Gujrat

vii. Prof. D.S. Rawat, University of Delhi

viii. Prof. Kuldip Singh Dhindsa, Haryana

ix. Prof. A.K. Singh, IIT, Mumbai

x. Prof. P.S. Dhami, BARC, Mumbai

xi. Lt. Gen. Dr. Mohan Bhandari, PVSM, AVSM & Bar, MSS, D Litt, FIMA, Veteran, Ex Chairman Uttarakhand Public Service Commission, Chairman SAPPHIRE Techno Services, Chairman Cogence Advisors, Chairman Himalayan Village Schools, Himalaya Marg, Ranikhet Almora, Uttarakhand

xii. Shri Rajendra Singh Tarun Bharat SANGH, Alwar, Rajasthan

xiii. Dr. Srikanta K. Panigrahi, IISD, New Delhi

xiv. Prof. B. Hanumaiah, Former Vice Chancellor, BBAU, Lucknow

8. Visitors of Department from outside the country (during 01.04.2018-31.03.2019):

i. Prof. Mahendra Prasad, SimanFraser University, Burnaby BC Canada

ii. Prof. Sanjay Srivastva, Florida International University (FIU) USA

iii. Prof Surendera Kumar Saxena, Florida International University (FIU) USA

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

Prof. Kaman Singh

i. Member- (Board of Management), BBAU Lucknow

ii. Chairman-School Board of Studies, SPDS, BBAU

iii. Chairman- Department of Research Committee

iv. Life Member-Nano and Molecular Society

v. Editorial Board Member: International Journal of Water Conservancy and Environment and Engineering, Australia

vi. Advisory Board Member- 5th World Congress on Materials Science & Engineering, Materials Science and Engineering. August 22-23-2019, Valencia, Spain

vii. Advisory Board Member- 13--th- International Conference on Electrochemistry during May 27-28, 2019 at Barcelona, Spain.

viii. Advisory Board Member- 5th Global Conference on Polymer and Composite Materials (PCM 2018) April 10th to 3th, 2018 in Kitakyushu City, Japan

ix. Jury Member (Online)- Students Engineering Model Competition (SEMC), 4th India International Science Festival (ISSF-2018), Lucknow.

x. Member- UP State Uchha Shiksha Parishad

Prof. Gajanan Pandey

i. Member: Board of Postgraduate Studies, DoC, BBAU

ii. Member: Departmental of Research Committee

Dr. Anjani Kumar Tiwari

i. JSPS Bridge Fellowship 2019-20, Member, MEXT fellowship committee Japan 2019

Dr. Jyoti Pandey

i. Member: School Board of Studies, SPDS, BBAU.

Dr. Preeti Gupta

i. Member: Board of Postgraduate Studies, DoC, BBAU

ii. Member: Departmental of Research Committee

Dr. Jawahar Lal Jat

i. Member:Board of Undergraduate Studies, UIET, BBAU

10. Details of Books written/edited byfaculty members

11. Book title "Proceedings of Global Conference on the Control of Green House Gases at the source by Physical and Chemical technology (2019) **by Prof. Kaman Singh** (Editor-in-Chief) published by Excel India; ISBN: 978-93-88237-65-9".

12. Book title "Proceedings of Global Conference on the Control of Green House Gases at the source by Physical and Chemical technology (2019) **by Prof. Gajanan Pandey** (Editor) published by Excel India; ISBN: 978-93-88237-65-9".

13. Book title "Proceedings of Global Conference on the Control of Green House Gases at the source by Physical and Chemical technology (2019) by **Dr. Anjani Kumar Tiwari** (Editor) published by Excel India; ISBN: 978-93-88237-65-9".

14. Book title "Proceedings of Global Conference on the Control of Green House Gases at the source by Physical and Chemical technology (2019) by **Dr. Shailesh Kumar** (Editor) published by Excel India; ISBN: 978-93-88237-65-9".

15. Book title "Proceedings of Global Conference on the Control of Green House Gases at the source by Physical and Chemical technology (2019) by **Dr. Jawahar Lal Jat** (Editor) published by Excel India; ISBN: 978-93-88237-65-9".

16. Paper Published during the year by the faculty members (during 01.04.2018-31.03.2019)

i. **Kaman Singh,** Ashok Kumar, Shikha Awasthi, Sarvesh Kumar Pandey, Prashant Mishra Adsorption mechanism of carboxymethyl cellulose onto mesoporous mustard carbon: Experimental and theoretical aspects, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier, 2019, 581, 123786. DOI.org/10.1016/j.colsurfa.2019.123786. **(Impact Factor: 3.131)**

ii. Rayees A. Bhata, D. Kumar, **Kaman Singh**, Anurag Srivastava, Shahzad Khan, Manzoor A. Malla, Javeed A. Ganie, Muzzaffar A. Mir, Synthesis and spectral characterization of Zn(II) complex of S-benzyl-â-N-[3-(4-hydroxy-3-methoxy-phenylallylidene)] dithiocarbazate: An approach to antibacterial, thermal studies and DFT calculations, Journal of Molecular Structure, Springer 2019, 1199, 126877.

DOI.org/10.1016/j.molstruc.2019.126877. **(Impact Factor: 2.120)**

iii. **Kaman Singh**, Ajay Kumar, Kinetics of complex formation of Fe(III) with caffeic acid: Experimental and theoretical study, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Elsevier, 2019, (221)148-153.DOI: 10.1016/j.saa.2018.11.059. **(Impact Factor: 2.931)**

iv. R. Singh, **Kaman Singh,** S. K. Pandey, A Computational scrutiny on the stability, structure, and electronic features of alkanesulfonate based zincate salts with varying countercations, ChemistrySelect, Willy & Sons, 2018, 3(46), 13048–13056. DOI:10.1002/slct.201803175. **(Impact Factor: 1.716)**

v. **Kaman Singh**, S.P. Gupta, Ashok Kumar**,** Ajay Kumar, The effect of high intensity focused ultrasound (HIFU) on the kinetics of crystallization of sucrose: Elimination of latent period, Ultrasonics Sonochemistry, Elsevier, 2018. DOI:10.1016/j.ultsonch.2018.05.030. **(Impact Factor: 7.279)**

vi. **Kaman Singh**, Ajay Kumar, Kinetics of complex formation of Fe(III) with syringic acid: Experimental and theoretical study, Food Chemistry, Elsevier, 2018, 265:96-100.DOI:10.1016/j.foodchem.2018.05.071. **(Impact Factor: 5.399)**

vii. A. K. Singh, G. Pandey, **Kaman Singh**, A. Kumar, M. Trivedi, V. Singh, A ternary Fe(II)-terpyridyl complex-based single platform for reversible multiple-ion recognition, Dalton Transactions, Royal Society of Chemistry, 2018. 47(18), 6386–6393. DOI:10.1039/c8dt00539g. (**Impact Factor: 4.052)**

viii. Effect of reaction temperature on shape evolution of palladium nanoparticles and their cytotoxicity against A-549 lung cancer cells, Gulam Abbas, Narendra Kumar, Devesh Kumar, **Gajanan Pandey, ACS Omega 2019** (doi/10.1021/acsomega.9b02776) **(IF: 2.584)**

ix. Self-Assembled Carbon Nitride/Cobalt (III) Porphyrin Photocatalyst for Mimicking Natural Photosynthesis, Rajesh K. Yadav, Chandani Singh; Pooja Singh; Surabhi Chaubey; Shambhavi Sharma; Kavita Sharma; Abhishek Kumar; D K Dwivedi; Jin Ook Baeg; Utkarsh Kumar; B C Yadav; **Gajanan Pandey**, **Diamond & Related Materials, 2019** (doi.org/10.1016/j.diamond.2019.107648). **(IF: 2.290)**

x. Nitrogen donor ligand for capping ZnS quantum dots: a quantum chemical and toxicological insight Vivek Pandey, V.K. Tripathi, K.K. Singh, T. Bhatia, N.K. Upadhyay, B. Goyal, **Gajanan Pandey**, I. Hwangb and P. Tandon, **RSC Adv., 2019**, 9, 28510-28524. **(IF: 3.049)**

xi. Double-Fold Ortho and Remote C–H Bond Activation/Borylation of BINOL: A Unified Strategy for Arylation of BINOL, B. Chattopadhyay, R. Bisht, J. Chaturvedi, **Gajanan Pandey**, **Organic Letters (ACS), 2019**, 21, 6476"6480. **(IF: 6.555)**

xii. Effect of annealing temperature on structural, optical and photocatalytic properties of á-Fe_2O_3 nanostructures,S. Singh,G. Hitkari**, Gajanan Pandey, Inorganic and Nano-Metal Chemistry,** 2018, 48, 477–485. (IF: 0.054)

xiii. Preparation and Photocatalytic activity of TiO_2/PPy/GO for the degradation of Rose Bengal and Victoria Blue dye in visible light in aqueous solution, Azad Kumar, **Gajanan Pandey, Desalination**

and water treatment, 2018, 114, 265-284. **(IF: 1.234)**

xiv. Photoluminescence behaviour and Visible light photocatalytic degradation of methyl orange using ZnO, ZnO/ZnS and ZnO/ZnS/á-Fe_2O_3 nanocomposites, G. Hitkari, S. Singh, **Gajanan Pandey, Transactions of Nonferrous Metals Society of China, 2018,** 28,1386-1396. **(IF: 2.338)**

xv. Achieving High Ortho Selectivity in Aniline C-H Borylations by Modifying Boron Substituents, Milton Smith, Ranjana Bisht, Chabush Haldar, **Gajanan Pandey,** Jonathan Dannatt, Behnaz Ghaffari, Robert Maleczka, Buddhadeb Chattopadhyay, **ACS Catalysis, 2018, 8, 6216-6223. (IF: 12.221)**

xvi. A ternary Fe(ii)-terpyridyl complex-based single platform for reversible multiple-ion recognition**,** Alok Kumar Singh, **Gajanan Pandey**, Kaman Singh, Abhinav Kumar, Manoj Trivedi, Vikram Singh, **Dalton Transaction (RSC) 2018**, **47**, 6386-6393. **(IF: 4.052)**

xvii. Synthesis and characterization of polyvinyl pyrrolidone (PVP) coated Fe_3O_4 nanoparticles by chemical co-precipitation method and removal of Congo red dye by adsorption process, S. Singh, G. Hitkari, **Gajanan Pandey,** International Nano Letters, **2018,** 8, 111-121.

xviii. Comparative evaluation of 99mTc-MBIP-X/11[C] MBMP for visualization of 18 kDa translocator protein, Pooja Srivastava, Pravir Kumar, & **Anjani K Tiwari*** New Journal of Chemistry, Royal Society of Chemistry, 2019,43,11288-95 **(Impact Factor: 3.1)**

xix. Design, synthesis and in silico evaluation of methyl 2-(2-(5-bromo/chloro-2-oxobenzooxazol-3(2H)-yl)acetamido)-3-phenylpropanoate for TSPO targeting, Pooja Srivastava, Pravir Kumar, & **Anjani K Tiwari*** (2019). Radiochemistry, Accepted Article 2019 (In press) **(Impact Factor: 0.8)**

xx. KanchanChauhan, **Anjani K Tiwari,** NidhiChadha, AnkurKaul, Ajai Kumar Singh and AnupamaDatta. Chalcone Based Homodimeric PET Agent, 11C-(Chal)2DEA-Me for Beta Amyloid Imaging: Synthesis and Bioevaluation. Mol. Pharmaceutics, Mol Pharm. 2018,15(4),1515-1525. **(Impact Factor: 4.6)**

xxi. Shivani Singh, Sweta Singh, **Anjani K Tiwari**, R.K.Sharma, RashiMathur, AnkurKaul A Novel 18F LabelledImidazo-oxazolopyridine Derivative as b-Amyloid Imaging Agent:Synthesis and Preliminary Evaluation. Asian Journal of Chemistry, 2018, 30(1), 183-190. **(Impact Factor: 1.0)**

xxii. Akhilesh Kumar Shukla, Hamidullahb, Manoj Kumar Shrivash, Vishwa Deepak Tripathi, Rituraj Konwar, **Jyoti Pandey**. Identification of N-hydroxycinnamide analogues and their bioevaluation against breast cancer cell lines. Biomedicine & Pharmacotherapy, 2018, 107, 475–483. (**Impact Factor: 3.74**)

xxiii. Manoj Dhameja, **Jyoti Pandey**. Beatmann-Ohira reagent: A convenient and promising reagent in the chemical world. Asian Journal of Organic Chemistry, 2018, 7, 1502-1523. (**Impact Factor: 2.79**)

xxiv. Deepak Kumar, Pramendra Kumar, **Jyoti Pandey**. Binary grafted chitosan film: Synthesis, characterization, antibacterial activity and prospects for food

packaging. International Journal of Biological Macromolecules, 2018, 115, 341-348. (**Impact Factor: 4.78**)

xxv. Deepak Kumar, **Jyoti Pandey**, Pramendra Kumar. Microwave assisted synthesis of binary grafted psyllium and its utility in anticancer formulation. Carbohydrate Polymers, 2018, 179, 408-414. (**Impact Factor: 6.04**)

xxvi. Deepak Kumar, **Jyoti Pandey**, Pramendra Kumar. Synthesis and characterization of modified chitosan via microwave route for novel antibacterial application. International Journal of Biological Macromolecules, 2018, 107, 1388-1394. (**Impact Factor: 4.78**)

xxvii. Manoj K. Shrivash, Sonali Mishra, Upma Narain, **Jyoti Pandey**, Krishna Misra. In-Silico designing, chemical synthesis, characterization and in-vitro assessment of antibacterial properties of some analogues of curcumin. Microbial Pathogenesis, 2018, 123, 89-97. (**Impact Factor: 2.58**)

xxviii. Reena Patel, Deepak Kumar, Arvindra Kumar Pandey, **Shailesh kumar**, Sheila Srivastava1and Puneet Kumar Mechanistic and Thermodynamic study of Iridium (III) Catalyzed Oxidation of Paracetamol Drug by Acidic Solution of Potassium Bromate ($KBrO_3$): A Kinetic Study *Journal of Applicable Chemistry* **2018**, 7 (5), 1418-1427.

xxix. Ram Subhawan Verma, Chandra Bhan Pandey, **Shailesh Kumar**, Bhoopendra Tiwari, Carbene-Catalyzed Tandem [1,2]-Phospha-Brook/[1,4]-Phosphate Rearrangement: Access to á-Ketophosphates via Controlled Cross-Acyloin Condensation *J. Org. Chem.*, **2018**, *83* (16), pp 9478–9483. (**Impact Factor: 4.74**)

xxx. Reena Patel, **Shailesh Kumar**, Abhishek Verma , Sheila Srivastava Microamount of Pd(II) Catalyzed Oxidation of Nuroleptic Drug (Gabapentin) by Potassium Bromated ($KBrO_3$) in Perchloric ($HClO_4$) Acid Medium : A Kinetic Study; International*; International Journal of Scientific Research in Science, Engineering and Technology;* **2018,** (4) 1, 207-214.

xxxi. Chandrodai Pratap Singh, Sumit Kumar, and **Shailesh Kumar**; *Aspects of Green Chemistry Towards Synthesis of Biologically Active Substituted Benzoxazinones Adv. Sci. Eng. Med.*; **2018;** *10*, 847–854.

xxxii. Direct N-H/N-Me Aziridination of Unactivated Olefins Using O-(Sulfonyl)hydroxylamines as Aminating Agents. Shekh Sabir, Chandra Bhan Pandey, Ajay K. Yadav, Bhoopendra Tiwari*, and **Jawahar L. Jat*** *J. Org. Chem.***, 2018,** *83*, 12255–12260. **(I.F. 4.8)**

xxxiii. Aziridine Ring Opening: An Overview of Sustainable Methods. Shekh Sabir, Ganesh Kumar, Ved Prakash Verma, and **Jawahar L. Jat*** *ChemistrySelect* **2018**, *3*, 3702. **(I.F. = 1.7)**

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

i. **Prof. Kaman Singh attended and delivered a special lecture on** "Fullerenes/Graphene: Carbon Materials Destined to Play Role in the Technology of the 21st Century" at National Conference on Recent Trends in Sciences during February 1-2, 2019 at Gorakhpur.

ii. **Prof. Kaman Singh attended and delivered a lecture on** "Recent

Development in Instrumentation" at Two days' workshop on Instrumentation during January, 30-31, 2019 at BBAU, Lucknow.

iii. **Prof. Kaman Singh attended and delivered a special lecture on** "Expectations from Regulators, Certifications Bodies, Industries and Scientific Institutions, at CSIR-NPL@72 Foundation Day during Jan 04, 2019 at CSIR-NPL, New Delhi.

iv. **Prof. Kaman Singh attended and delivered a special lecture on** "functionalization of Materials, characterization and application on Industrial application (Advance Surface Science and Catalysis)" at 106TH Indian Science Congress Association (ISCA) during January 03-07, 2019 at LPU Jalandhar, Punjab.

v. **Prof. Kaman Singh attended and delivered an invited talk on** "Social Science"ICSSR sponsored inter - disciplinary capacity building programme for faculty development on Environment and Sustainable Development during November 27th 2018 to December 10th 2018, at BBAU, Lucknow.

vi. **Prof. Kaman Singh attended and delivered lecture on** "Foundation Day Lecture"A Celebration of 10th Annual Day Function of **NIPER** during November 29, 2018 at **NIPER, Lucknow**.

vii. **Prof. Kaman Singh Celebrated Working Silver Jubilee and delivered a special lecture on** "Physical/ Chemical Sciences" at the occasion of 87thBirth Anniversary of Bharat Ratna Dr A.P.J. Abdul Kalam Saheb during October 15-16, 2018 at BBAU, Lucknow.

viii. **Prof. Kaman Singh attended and delivered an invited talk on** "Chemical Science" 9th Conference of ISCA (Haridwar Chapter) on "Future India: Science and Technology during October 13-14, 2018, at G. B. Pant University of Agriculture and Technology, Pantnagar.

ix. **Prof. Kaman Singh attended and presented a paper on** "Factory Processing (Manufacturing)" 76th Annual Convention and International Sugar Expo 2018 during August 20 – 22, 2018, at STAI Convention, Indor.

x. **Prof. Kaman Singh attended and delivered a lecture on** "Chemical Science" Summer Training SIC – to trace the Signature of Materials Summer Training School on Instrumentation and Characterizations during May 24-25, 2018 at BBAU, Lucknow.

xi. **Prof. Kaman Singh attended and performed Jury Member** for "Selection 33rd M.P. Young Scientist" at 33rd M.P. Young Scientist Congress during March 15-16, 2018, Bhopal.

xii. **Prof. Kaman Singh attended and delivered a lecture on** "Chemical Science" National Symposium on Recent Trends in Material Science Research, March 15-16, , 2018, Govt. S. M. College, Gwalior.

xiii. **Prof. Kaman Singh attended and delivered an invited on** "Are Common Sugars Precursors of Fullerene/ Graphene?" at International Conference on Advances in Nanomaterials and Devices for Energy and Environment Materials for Energy Applications

(IICAN-2019) during January 27-29, 2019, IIITM-Gwalior.

xiv. **Prof. Kaman Singh attended and delivered an invited talk on** "Transition Temperature *vs* Formula mass of Selected T_C-Oxide Super Conductors" at International Conference on Materials for Energy Applications (ICME-2018) during December 06-08, 2018, 2018 at S.S. Jain Subodh P.G. College, Jaipur.

xv. **Prof. Kaman Singh attended and delivered an invited talk on** "Ultrasonic/ Sonochemistry" at 13th Western Pacific Commission for Acoustics (WESPAC-2018) during November11 – 15, 2018.

xvi. **Prof. Kaman Singh attended and performed Jury Member (Online)** for "Students Engineering Model Competition (SEMC)" **at** 4th India International Science Festival (ISSF-2018), during October 5-8, 2018, IGP, Lucknow.

xvii. **Prof. Kaman Singh attended and delivered an invited talk on** "Chemical Engineering" at International Conference on Nano Materials: Initiatives and Applications, during March 9-11 23-24, 2018 at Jiwaji University, Gwalior.

xviii. **Prof. Kaman Singh attended and delivered an invited talk on** "Chemical Science" at International Conference on Recent Trends in Chemical Sciences during February 15- 17, 2018, at Jiwaji University, Gwalior.

xix. **Prof. Kaman Singh attended and delivered a lecture on** "Chemical Science" at 1st North India Science Congress (NISC) & International Conference on Science & Technology for a sustainable future during 10-11, January, 2018. At BBAU, Lucknow.

xx. Synthesis, Characterization of Titania/ Polyaniline/GO Nanocomposites, and Its Photocatalytic Activity Under UV Visible Light, A. Kumar, R. Kumar, **Gajanan Pandey,** Macromol. Symp. **2018**, 379, 1600192.

xxi. **Gajanan Pandey,** Invited lecture on the topic "Structural and optical properties of some novel semiconducting nanostructures prepared via green routes and their photocatalytic performance" National Conference on "Recent Advanced in Chemical Science", organized by Applied Science Department, M.M.M. University of Technology, Gorakhpur, March 29-30, 2019.

xxii. **Dr, Anjani Kumar Tiwari** Participated as expert invited speaker in Workshop entitled "Important Techniques for Characterization of Molecules" in Faculty of Chemical Sciences, ShriRamswaroop Memorial University, March 25th-29th, 2019.

xxiii. **Dr, Anjani Kumar Tiwari** Participated as invited speaker in National Conference on Recent Approaches and Innovations in Chemical Sciences [RAICS-2k18], 2nd-3rdNovember, 2018.

xxiv. **Dr, Anjani Kumar Tiwari** Participated as Expert and Panalist in NANOBIOTECK at All India Institute of Medical Sciences, New Delhi from 24th - 27th October 2018.

xxv. **Dr, Anjani Kumar Tiwari** Participated (invited lecture) in National Seminar on "Recent trends in Biomedical Technology", Aryakul college of pharmaceutical college Lucknow, 25thAug 2018.

xxvi. **Dr. Jyoti Pandey attended** training on

faculty development program at BBAU, Lucknow during 8.01.19 to 19.01.19 sponsored by DST, New Delhi.

xxvii. **Dr. Jyoti Pandey attended** summer training TRASIC – to trace the Signature of Materials Summer Training School on Instrumentation and Characterizations. May 24-25, 2018, BBAU, Lucknow, U.P., India

xxviii. **Dr. Jyoti Pandey attended** winter training TRASIC-2019, Jan 30-31, 2019, BBAU, Lucknow, U.P., India.

xxix. **Dr. Jyoti Pandey attended and delivered an invited talk** in the International Conference On Emerging Researchers In Bioscience (ICERB-2018), October 29th - 02nd November 2018, Department of Zoology, Guru Ghasidas University, Bilaspur (C.G.).

xxx. **Dr, Shailesh Kumar** participated in the winter **TRASIC (Two days workshop on Instrumentation to tracethe Signature of Materials)** at USIC, BBAU, Lucknow held on **30th-31st January 2019.**

xxxi. **Dr, Shailesh Kumar** participated and presented a paper on **Synthesis of novel class of 1,1-dialkyl-2,3-diaryl indenes and their biological evaluation' International Conference on Chemical Science: Naional and Global Prospective** Lucknow Christian College, Lucknow. **29-31 October 2018**

xxxii. **Dr, Shailesh Kumar** participated in two days **Summer Training School on Instrumentation and Characterizations on TraSIC: to trace the Signature of Materials (Summer TraSIC-2018)** held during **May 24-25, 2018** at University Sophisticated Instrumentation Center (USIC), Babasaheb Bhimrao Ambedkar University, Lucknow

xxxiii. **Dr. Preeti Gupta** attended and presented poster on **"Progestrone metabolites: Unconventional approach to target breast cancer"** at International Conference on Frontiers at the Chemistry-Allied Sciences Interface-FCASI, 2018 organized by Department of Chemistry, University of Rajasthan during 21st -22nd December 2018

xxxiv. **Dr. Jawahar attended and delivered an invited talk on** "N-H/N-alkyl Aziridination of alkenes" at 11th NIPER Symposium on Natural Product Based Therapeutics in Drug Development, NIPER, Raebareli during 14-15 Feb. 2019.

xxxv. **Dr. Jawahar attended and delivered an invited talk on** "Unprotected Aziridination of alkenes" Royal Society of Chemistry (UK) - Western Zone India, Symposium on Recent Trends in Allied Sciences & Research Scholar Meet – 2019, UKA Tarsadia University, Surat, Gujrat during February 22-23; 2019.

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

i. Prof. Kaman Singh successesfully complited Leadership for Academician Programme (LEAP) conducted by UGC-HRDC, JMI, New Delhi from 10 March to 19 March (Two-Week) and 25 March to 31 March 2019 (One-Week) at the University of Virginia, USA.

ii. Presented paper on Modified Acetamidobenzoxazolne Derivatized Biomarkers for TSPO Quantification at 58th Annual Scientific Meeting of the Japanese Society of Nuclear Medicine" Okinawa, Japan, 15th -17th Nov 2018

19. Details of invited lectures inside country:

i. **Prof. Kaman Singh** delivered a special invited lecture on "Fullerenes/Graphene: Carbon Materials Destined to Play Role in the Technology of the 21st Century" at Recent Trends in Sciences held on 01-02 February, 2019 MP College, Gorekhpur.

ii. **Prof. Kaman Singh** delivered a special invited lecture on "Expectations from Regulators, Certifications Bodies, Industries and Scientific Institutions" at CSIR-NPL@72 Foundation Day Invited Lecture held on Jan 04, 2019, CSIR NPL New Delhi.

iii. **Prof. Kaman Singh** delivered a special invited lecture on "functionalization of Materials, characterization and application on Industrial application (Advance Surface Science and Catalysis)" at 106TH Indian Science Congress Association (ISCA) held on 03-07, 2019, LPU Jalandhar, Punjab.

iv. **Prof. Kaman Singh** delivered an invited lecture on "Transition Temperature *vs* Formula mass of Selected T_C-Oxide Super Conductors" at International Conference on Materials for Energy Applications (ICME-2018) held on Dec. 06-08, 2018, SSJPG College, Jaipur Rajsthan.

v. **Prof. Kaman Singh** delivered an invited lecture on "Social Science" at ICSSR sponsored inter - disciplinary capacity building programme for faculty development on Environment and Sustainable Development held on November 27th 2018 to December 10th 2018 BBA University Lucknow.

vi. **Prof. Kaman Singh** delivered an invited lecture on Foundation Day Lecture" at A celebration of 10th Annual Day Function of **NIPER** held on November 29, 2018 **NIPER** Lucknow.

vii. **Prof. Kaman Singh** delivered an invited lecture on "Chemical Science" at 9th Conference of ISCA (Haridwar Chapter) on Future India: Science and Technology held on October 13-14, 2018 **GB Pant University of Agriculture & Technology, Pant Nagar**.

viii. **Prof. Kaman Singh** delivered an invited lecture on "Chemical Science" at National Symposium on Recent Trends in Material Science Research held on March 8, 2018 **Govt. Science Model College Jiwaji University Gwalior**.

ix. **Prof. Kaman Singh** delivered an invited lecture on "Are Common Sugars Precursors of Fullerene/Graphene?" at International Conference on Advances in Nanomaterials and Devices for Energy and Environment Materials for Energy Applications (IICAN-2019) held on January 27-29, 2019, AVP-IIIT, **Gwalior (M.P.)**.

x. **Prof. Kaman Singh** delivered an invited lecture on "Ultrasonic/ Sonochemistry" at 13th Western Pacific Commission for Acoustics (WESPAC-2018) held on November11 – 15, 2018 **CSIR-NPL New Delhi.**

xi. **Prof. Kaman Singh** delivered an invited lecture on "Chemical Engineering" at International Conference on Nano Materials: Initiatives and Applications, held on March 9-11 23-24, 2018 **Jiwaji University Gwalior**.

xii. **Prof. Kaman Singh** delivered an invited lecture on "Chemical Science" at International Conference on Recent Trends in Chemical Sciences held on February 15- 17, 2018 **Jiwaji University Gwalior**.

i. **Dr. Jyoti Pandey** delivered an invited lecture on "N-Hydroxycinnamide: Potential candidate for breast cancer therapy" in the "International Conference On Emerging Researchers In Bioscience (ICERB-2018)", October 29th - 02nd November 2018 at Department of Zoology, Guru Ghasidas University, Bilaspur (C.G.).

ii. **Dr. Jyoti Pandey** delivered an invited lecture on "Intellectual Property Right (IPR): Tool to protect human intellect" in the DST sponsored programme "Hands on techniques used in biotechnology", Dec. 28, 2018 at Centre of Biotechnology, University of Allahabad, Allahabad.

iii. **Dr. Shailesh Kumar** attended and delivered and invited lecture on "Tandem hydroarylation and rearrangement of 2,2-dialkyl-3-arylchromene to *trans*-4-hydroxy-1,1-dimethyl-2-phenyl-3-aryl-2,3-dihydro-*1H*-indane *via trans*-2,2 dimethyl-3,4-diaryl-3,4-dihydrochroman as novel antitubercular agents" at 11th NIPER (R) Symposium on Natural Product based Therapeutics in Drug Development held at the NIPER- Raebareli Lucknow Campus during February 14-15, 2019

iv. **Dr. Jawahar attended and delivered an invited talk on** "N-H/N-alkyl Aziridination of alkenes" at 11th NIPER Symposium on Natural Product Based Therapeutics in Drug Development, NIPER, Raebareli during 14-15 Feb. 2019.

v. **Dr. Jawahar attended and delivered an invited talk on** "Unprotected Aziridination of alkenes" Royal Society of Chemistry (UK) - Western Zone India, Symposium on Recent Trends in Allied Sciences & Research Scholar Meet – 2019, UKA Tarsadia University, Surat, Gujrat during February 22-23; 2019.

20. Details of invited lectures outside country:

i. **Dr. Anjani Kumar Tiwari** Commissioned visiting researcher at Quantum medical sciences directorate, NIRS, Department of advanced nuclear sciences from1 April 2018 to 31 March 2020.

21. Details of National Awards/ Fellowship:

i. **Prof. Kaman Singh** awarded "Uttar Pradesh Ratan-2019 Presented by Shri Ramdas Athawale, Hon'ble State Minister For Social Justice & Empowerment, GoI" at 40th Annual All India Conference of Intellectuals, Nainital.

ii. **Prof. Kaman Singh** awarded "**UTTRAKHAND GAURAV SAMMAN-2018** (Award is given by **Hon'ble Chief Minister of Uttar Pradesh Yogi Adityanath** in the august presence of Hon'ble General Bipin Rawat, Chief of Army Staff of the Indian Army, Prof. Rita Bahuguna Joshi & Shri Ashutosh Tandon, Hon'ble Cabinet Ministers in the Government of Uttar Pradesh) in association with Uttarakhand Mahaparishad Lucknow

iii. **Dr. Anjani Kumar Tiwari** 03 (SERB travel award 2018, DBT Travel Award, 2019, ICMR travel Award 2019)

22. Details of Research Projects (major and minor)

i. **Dr. Anjani Kumar Tiwari** is a running a major project in titled "Acetamido - benzoxazolones as a specific marker for translocator protein" funded by DST

(TD/16-17/INM-321, (2017-21) with grant of 42 Lakhs for four years (2017-21)

ii. **Dr. Anjani Kumar Tiwari** is a running a major project in titled "Luminescent nanoprobe for molecular recognition of the translocator protein (TSPO)" funded by DST (BT/PR29449/NNT/28/1572/2018) with grant of 70.25 lakhs for four years (2019-22).

iii. **Dr. Jyoti Pandey : 01 DBT Project entitled** "Enhancement of immunity and nutritional value of fresh water fish Heteropneustes fossilis (Bloch, 1794) by novel arylvinylpyrimidine derivatives" (BT/PR21245/AAQ/3/830/2016) with grant of 55.20 lakhs for three years (2018-21).

iv. **Dr. Preeti Gupta** is running a DST-Inspire Faculty Award project titled "An Approach towards Novel Steroidomimetics-Design and Synthesis of Structurally Diverse Steroid-Sugar Hybrids and Azasteroids (DST/Inspire Faculty Award/2013/CH-110 dated 28.10.13) with grant of 7 lakhs.

v. **Dr. Jawahar L. Jat** is running a major project entitled "Novel and Straight Regio and Stereoselective Constructions of Unprotected (NH/N-alkyl) Vinyl and Alkynyl Aziridines From Dienes/Enynes" Funded by SERB (YSS/2015/000838) with grant of 27.5 lakhs for three years (2016-2019).

vi. **Dr. Jawahar L. Jat** is running a minor project entitled "Synthetic Transformation of NH/N-alkyl Aziridine: A novel approach to Functionalized N-Containing value added compounds" Funded by UGC [F.30-382/2017(BSR)] with a grant of 10 lakhs for two years (2017-2019).

23. Students achievements

I. Faculty wise supervision of the Ph.D degree awarded:

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
1.	Mr. Ajay Kumar	Prof. Kaman Singh	-	: Iron - polyphenol Interaction: Its role in catalysing colour development during sugar manufacturing	RGNF
2.	Mr. Satya Prakash Gupta	Prof. Kaman Singh	-	Ultrasonic and magneto kinetics of crystallization of sucrose	UGC
3	Mr. Gaurav Hitkari	Prof. Gajanan Pandey	-	Preparation, properties and applications of chemically synthesised semiconductor nanostructures	RGNF

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
4	Ms Sandhya Singh	Prof. Gajanan Pandey	-	Iron oxide nanoparticles: preparation, properties and applications	UGC
5	Mr Azad Kumar	Prof. Gajanan Pandey	-	Preparation, properties and photocatalytic activity of some doped and undoped metal oxide nanomaterials	JRF
6	Ms Ranjana Bisht	Prof. Gajanan Pandey	Dr. Buddhadeb Chattopadhyay CBMR, Lucknow	Iridium-catalyzed ortho and meta selective C-H bond borylation and silylation of aromatic molecules	JRF
7	Mr. Deepak Kumar	Dr. Jyoti Pandey	Dr. Pramendra Kumar	Modification of polysaccharides via grafting and cross linking and their applications	RGNF

II. Faculty wise supervision of the Ph.D degree submitted:

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
1.	Mr. Abhishek Verma	Dr. Jyoti Pandey	Dr. Sheila Srivastava	Ir (III) catalyzed oxidation of some polyhydric alcohols and amino acids by Chloramine-T: A Kinetic and mechanistic study	UGC-JRF

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
2.	Mr. Manoj Shrivash	Dr. Jyoti Pandey	Prof. Krishna Misra	Synthesis, Characterization and evaluation of biological activity of some modified lead molecules	UGC

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

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
1.	Mr. Ashok Kumar	Prof. Kaman Singh	--	Adsorption mechanism of cellulase and its derivatives onto mineral surfaces	UGC
2.	Mr. Prashant Mishra	Prof. Kaman Singh	--	Study of the influence of the different qualities of the mopsreagent from different suppliers on the measured sugar colour in solution (with special reference to iu-pac, aoac & iso protocols)	UGC-JRF
3.	Ms. Jagriti Chaturvedi	Prof. Gajanan Pandey	Dr. Buddhadeb Chattopadhyay CBMR, Lucknow	Iridium catalyzed C-H bond activation and borylation of aromatic compounds	--

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
4.	Ms. Jagriti Chaturvedi	Prof. Gajanan Pandey	Dr. Buddhadeb Chattopadhyay CBMR, Lucknow	Iridium catalyzed C-H bond activation and borylation of aromatic compounds	--
5.	Mr. Gullam Abbas	Prof. Gajanan Pandey	--	Synthesis and characterization of nanoparticles and their bio-catalytic applications	UGC
6.	Mr. Kijay Bahadur Singh	Prof. Gajanan Pandey	--	Green synthesis of metallic nanoparticles and their catalytic activity	UGC
7.	Ms. Neelam Gautam	Prof. Gajanan Pandey	--	Green synthesis of nanostructured materials and their catalytic activity	UGC-JRF
8.	Mr. Deen Dayal Upadhyay	Prof. Gajanan Pandey	--	Green synthesis of oxide supported metal nanoparticles and their catalytic applications in organic transformations	UGC
9.	Mr. Akhilesh Kumar Shukla	Dr. Jyoti Pandey	-	"Synthesis and characterization of some biologically active nitrogen containing compounds : Development of new chemotherapeutic agents"	UGC

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
10.	Mr. Ram Subhawan Verma	Dr. Shailesh Kumar	Dr. Bhoopendra Tiwari, CBMR, Lucknow	Organocatalytic asymmetric transformations for organic synthesis	CSIR-JRF
11.	Mr. Sumit Kumar	Dr. Shailesh Kumar	--	Synthesis, characterization and biological studies of novel quinazoline derivatives	UGC
12.	Mr. Balakishan Bhukya	Dr. Shailesh Kumar	Dr. Arvind Singh Negi, CSIR-CIMAP, LUCKNOW Fellowship getting form CSIR-CIMAP, LUCKNOW	Studies on synthesis of designed and isolated anticancer molecules	Drop fellowship
13.	Mr. Manoj Dhameja	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Heterocycle Based Glycosidase Inhibitors	UGC
14.	Mr. Hariom Kumar	Dr. Preeti Gupta	--	Design, Synthesis And Biological Evaluation Of Novel 1,3,4-Thiadiazole Derivatives	UGC

S. No.	Students	Guide	Co-guide	Title	Felloship aviled/ aviling
15.	Ms. Saumya Verma	Dr. Jawahar Lal	--	Studies of oxygen substituted hydroxyl amine as a reagent in Beckmann rearrangement	CSIR-JRF
16.	Mr. Ajay Kumar Yadav	Dr. Jawahar Lal	--	Direct N-H/N-Me Aziridination of Unactivated Olefins Using O-(Sulfonyl) hydroxylamines as Aminating Agents.	UGC
17.	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

IV. Faculty wise supervision of the M.Phil degree awarded

V. Faculty wise supervision of the M.Phil dissertation submitted:

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

VII. Accomplishments of students

24. Any other special achievement recorded by the students:

Mr. Ashok Kumar (Research Scholar) Supervision of Prof. Kaman Singh

S. No.	Name of Award/ Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
1.	Recognized Reviewer Award	Review for Applied Surface Science and valuable input by contributions to the peer review process to the journal	Applied Surface Science- Elsevier	2019
2.	Young Scientist Award	Oral Presentation	Global Conference On Control Of Greenhouse Gases At The Source By Physical And Chemical Technology, (GCGHGSPCT-2k19), 22-24 April 2k19, Department of Chemistry, School of Physical & Decision Sciences, Babasaheb Bhimrao Ambedkar University (A Central University , Lucknow, U.P., India	2019
3.	First Best Poster Award	Poster Presentation	सूक्ष्म पदार्थ एवम् सम्बद्ध चेतन ऊर्जा पर राष्ट्रीय संगोष्ठी, 1-3 फरवरी-2019. बी. बी. ए. यू., उ. प्र. (भारत)	2019
4.	Research Article Appreciation Award	Poster Presentation	International Conference on Advances in nanomaterials and Devices for Energy and Environment (ICAN-2019) 27-29 January 2019. ABV-IIITM, Gwalior (M. P.) INDIA	2019

S. No.	Name of Award/ Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
5.	Best Oral Presentation Award	Paper Presentation	International Conference on "Recent trends in Chemical Sciences", February 15 -17, 2018.. Jiwaji University, Gwalior, M.P., India	2018
6.	A Grade (RMC-2017)	Active Participation	3 Weeks Research Methodology Course (RMC-2017), January 5 - 28 – 2017. BBAU, Lucknow, U.P., India	2017
7.	UGC Fellowship Award-2016	UGC Fellowship	University Grant Commission, New Delhi, India, BBAU, Lucknow-226025	2016

25. Details of the Publication of the students (Books/Article/Books' chapter):

Mr. Ashok Kumar (Research Scholar) Supervision of Prof. Kaman Singh

S. No.	Date	Title	Name of journal	I.F./ ISBN
1.	10, Aug 2019	Adsorption Mechanism of Carboxymethyl Cellulose onto Mesoporous Mustard Carbon: Experimental and Theoretical Aspects	Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier	3.131
2.	16-18 July, 2019	Selection of pH for measurement of sugar solution colour.77, 461-480, 2019.	Proceeding of STAI-2019	81-85871-92-2
3.	22 April, 2019	Adsorption and conformation of carboxymethyl cellulose at TiO_2-modified mesoporous carbon derived from mustard cake	Proceeding of GCGHGSPCT–2k19	9789388237659
4.	01 July, 2018	Elimination of latent period by power ultrasound (PUS) during crystallization of sucrose.76, 449-457, 2018.	Proceeding of STAI-2018	00
5.	26 May 2018	The effect of high intensity ultrasound (HIU) on the kinetics of crystallization of sucrose: Elimination of latent period	Ultrasonics Sonochemistry, Elsevier	7.209

Mr. Prashant Mishra (Research Scholar) Supervision of Prof. Kaman Singh

S. No.	Date	Title	Name of journal	I.F./ISBN
1	10, Aug 2019	Adsorption Mechanism of Carboxymethyl Cellulose onto Mesoporous Mustard Carbon: Experimental and Theoretical Aspects	Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier	3.131
2	16-18 July, 2019	Selection of pH for measurement of sugar solution colour.77, 461-480, 2019.	Proceeding of STAI-2019	81-85871-92-2

26. Google profile of the faculty members, if available

Prof. Kaman Singh : Citations (218); h-index (7); i10- index(5)

Citations		**View All**
	All	**Since 2014**
Citations	218	156
h-index	7	6
i10-index	5	4

Prof. Gajanan Pandey : i-10, h index-15

Dr. Anjani Kumar Tiwari : i-26, h index-16

Dr. Jyoti Pandey : Citations (960); h-index (14); i10- index(19)

Citations		**View All**
	All	**Since 2014**
Citations	960	597
h-index	14	11
i10-index	19	14

Dr. Shailesh Kumar : Citations (133); h-index (7); i10- index(6)

Cited by		**View All**
	All	**Since 2014**
Citations	133	91
h-index	7	7
i10-index	6	4

Dr. Preeti Gupta: Citations (146); h-index (7); i10- index(6)

Cited by		**View All**
	All	**Since 2014**
Citations	146	100
h-index	7	5
i10-index	6	2

Dr. Jawahar Lal Jat :

Assistant Professor (Babasaheb Bhimrao Ambedkar Central University)

Cited by		**VIEW ALL**
	All	**Since 2014**
Citations	544	432
h-index	9	9
i10-index	9	8

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 Modelling and Agricultural Statistics. The courses in the Department are designed to inculcate analytic and decision-making aptitude among the students. The Department also caters to the needs of researchers, academicians and scientists from other disciplines seeking guidance and advice in handling the Statistical work involved in their research. The mission and vision of the Department of Statistics is to inculcate statistical thinking in young minds for better future planning and welfare of society and to contribute to the society through excellence in statistical education and research.

1. Courses offered/New Courses

i. M.Sc.

ii. M.Phil.

iii. Ph.D.

2. Facilities available in the Department:

i. Computer Lab (with 20 computers & 01 projector)

ii. Research scholar's room

iii. Class rooms

iv. Rooms for faculty

3. Details of the Faculty

i. Dr. Madhulika Dube

Head & Professor

Specialization: Econometrics, Biostatistics/ Medical Statistics, Regression

Experience: Teaching- 33 Years, Research-37 Years

ii. Dr. Surinder Kumar

Professor

Specialization: Reliability Theory, Sequential Testing, Bayesian Analysis and Statistics.

Experience: Teaching- 19 Years, Research-23 Years

iii. Dr. Rahul Varshney

Assistant Professor

Specialization: Sampling Theory, Mathematical Programming, Optimization

Experience: Teaching- 7 Years, Research-13 Years

iv. Dr. Amit Kumar Misra

Assistant Professor

Specialization: Stochastic Ordering, Reliability Theory, Redundancy Allocations

Experience: Teaching- 8 Years, Research-13 Years

ii. Dr. Subhash Kumar Yadav

Assistant Professor

Specialization: Sampling, regression analysis, operations research

Experience: Teaching- 13 years, Research-13 Years

iii. Dr. Minakshi Mishra

Assistant Professor

Specialization: Regression analysis, Design of experiment and soft-computing techniques

Experience: Teaching- 1 Year, Research-5 Years

4. Other Department Level Academic Activities –

i. Extension lectures by Renowned Statisticians

ii. Seminars by teachers and Research Scholars on every Thursday

5. Visitors of Department from Inside the country

i. Prof. Suresh Kumar Sharma, Department of Statistics, Panjab University, Chandigarh delivered two Extension lectures on "Basic Statistics with SPSS" and The Use of SPSS in Advanced Statistical Analysis" on 26/09/2018.

ii. Prof. Anoop Chaturvedi, Department of Statistics, University of Allahabad, Allahabad, U.P. delivered Extension Lecture on "Data Mining" on 12/02/2019.

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

Prof. Madhulika Dube

i. Member, University Court, BPS Mahila Vishvavidyalaya, Khanpur,Sonepat, Haryana

ii. Member, Executive Council, ChBansi Lal University Haryana

iii. Member, Research Degree Committee, CCS University, Meerut

iv. Outside Expert, Research Advisory Committee, ChBansi Lal University, Haryana

v. Chairperson DRC, BPGS, RDCU Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow.

vi. Life Member Indian Bayesian Society

vii. Life Member Indian Science Congress Association.

viii. Life Member Indian Statistical Association.

ix. Life Member the Indian Econometric Society.

x. Life Member Indian Society of Information Theory and Applications.

xi. Life Member Forum for Interdisciplinary Mathematics

Dr. Surinder Kumar

i. Member, DRC, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Member, BPGS, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. Member, School Board, School of Physical and Decision Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow.

iv. RDCU member Department of Statistics

Babasaheb Bhimrao Ambedkar University, Lucknow.

Dr. Rahul Varshney

i. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Life member of International Indian Statistical Association (IISA).

iii. Life member of Indian Society for Probability and Statistics (ISPS) (ID: / 2010/49/833).

iv. Life member of Kerala Statistical Association

v. Life member of Operational Research Society of India (ORSI) (ID:1128/R/15/ ML)

vi. Life member of Indian Society for Medical

Dr. Amit Kumar Misra

i. Student member of 'Institute of Actuaries of India'

ii. Lifetime member of 'Indian Society for Medical Statistics'

iii. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University,Lucknow.

Dr. Subhash Kumar Yadav

i. Member Editorial Board, Journal of Reliability and Statistical Studies.

ii. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. (iii) BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

Dr. Minakshi Mishra

i. Society for Application of Statistics in agriculture and allied sciences: Life member

ii. Crop &Weed Science Society, BCKV: Life member

iii. DRC member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow.

iv. BPGS member, Department of Statistics Babasaheb Bhimrao Ambedkar University, Lucknow

7. Details of Books written/ Edited

Dr. Amit Kumar Misra

"Solutions to IIT JAM for Mathematical Statistics", ISBN: 978-93-5346-351-9

8. Papers published during the year

Prof. Madhulika Dube

i. Garg, R., **Dube M.** and Krishna H. (2019) " Estimation of Parameters and Reliability Characteristics in Lindley Distribution using Randomly Censored Data" To Appear in Statistics, Optimization & Information Computing. ISNN: 2310-5070. **Impact Factor 0.418**

ii. Krishna H., **Dube M.** and Garg, R., (2019) "Estimation of Stress-Strength Reliability of inverse Weivull Distribution Under Progressive first failure Censoring" Austrian Journal of Statistics, Volume 48, 14-37, ISSN 1026-597X, **Impact factor-0.775**.

Dr. Surinder Kumar

i. **Surinder Kumar**, Vaidehi Singh and Prem Lata Gautam : Sequential testing

procedure and their robustness study for Erlang distribution. International Research Journal of Natural and Applied Sciences ISSN: (2349-4077) Volume 5, Issue 3

ii. **Surinder Kumar** and Mradula Sharma (2019): "A Study of the Sequential Test for the Parameter of the Odd Generalized Exponential Gompertz Distribution" Journal of Statistics Applications and Probability Letters, J. Stat. Appl. Pro. Lett. 6, No. 1, 21-28 (2019)

iii. **Surinder Kumar** and Ankit (2019) "Estimation of Stress-Strength Reliability for Inverse Rayleigh Distribution and Power Function Distribution by Transformation Method" Pramana Research Journal, ISSN NO: 2249-2976

iv. Vaidehi Singh and **Surinder Kumar**, "Robustness Study of the SPRT for the Generalised Inverse Weibull Distribution when the underlying parameters are misspeciûed." Pramana Research Journal (ISSN NO: 2249-2976) Volume 8 Issue 11 (November 2018).

v. Prem Lata Gautam, Vaidehi Singh, **Surinder Kumar**, "Stress-Strength Relationship Between Exponentiated Weibull Distribution and Power Function Distribution" International Journal of Research and Analytical Reviews, February 2019, Volume 6, Issue 1 (E-ISSN 2348-1269, P- ISSN 2349-5138).

Dr. Rahul Varshney

i. Ansari, A.H., **Varshney, R**. and Ahsan, M.J. (2018): Compromise Mixed Allocation in Multivariate Stratified Sampling Using Dynamic Programming Technique, Journal of Advanced Statistics, Vol.3 (4), 71 – 79. (ISSN: 2414-6811).

Dr. Subhash Kumar Yadav

i. Singh, L., **Yadav, S.K.,** Mishra, S.S. (2018). A new efficient estimator for the population mean, International journal of Agricultural and Statistical Sciences, 14, 2, 671-677. ISSN-0976-3392- SCOPUS ESCI- Impact Factor-0.04

ii. Zatezalo, T., Gupta, S., **Yadav, S.K**. and Shabbir, J. (2018). Assessing the Adequacy of First Order Approximations in Ratio Type Estimators, Journal of Interdisciplinary Mathematics, 21, 6, 1395-1411. ISSN- 2169-012X ,ESCI -Impact Factor-0.22.

iii. **Yadav, S.K**., Mishra, S.S., Mishra, P.P. and Singh, R.S. (2018). New efficient class of estimators for the population variance, International journal of Agricultural and Statistical Sciences, 14, 2, 491-496. ISSN-0976-3392], SCOPUS ESCI-0.04.

iv. Yadav, D.K., Devi, M. and Yadav, S.K. (2018). Estimation of finite population mean using known coefficient of variation in the simultaneous presence of non-response and measurement errors under double sampling scheme, Journal of Reliability and Statistical Studies, 11, 1, 51-66. ISSN-2229-5666, ESCI.

9. Attended/Participated in Conferences/ Workshops inside Country

Dr. Amit Kumar Misra

i. Participated in the Five-Day workshop on "Enhancing of Teaching and Learning Skills in Statistics" held during March 12-16, 2019 organized by Teaching and

Learning Centre, Central University of Rajasthan.

Dr. Subhash Kumar Yadav

i. Presented paper entitled "Efficient Estimation of population mean of Peppermint Yield Using Auxiliary Variable" in National conference on Recent Trends in Mathematics with applications organized by Faculty of Mathematical and Statistical Sciences, Institute of Natural Sciences and Humanities, Shri Ram Swaroop Memorial University, Lucknow during 20-22 Feb 2019.

ii. Presented paper entitled "Improvement in exponential ratio estimator for population mean under simple random sampling" in 22nd International conference of International Academy of Physical Sciences on Emerging trends in physical sciences organized by Faculty of Science, Dr RML Avadh University, Ayodhya during April 13-15, 2018.

10. Invited Lectures inside country

Prof. Madhulika Dube

i. Extension Lecture entitled "Bivariate and Multivariate Regression analysis" in Research Methodology Training Programme "Statistical Data Processing and Use of Unit Level data of NSSO" at Department of Economics, BBA University, Lucknow on April 27, 2018.

ii. Extension Lecture entitled "Bivariate and Multivariate Logistic Regression analysis" in Research Methodology Training Programme "Statistical Data Processing and Use of Unit Level data of NSSO" at Department of Economics, BBA University, Lucknow on April 27, 2018.

iii. Extension Lecture entitled "Regression Modelling using Statistical Software" in Research Methodology Course Work "Focus on Computer Applications at Department of Economics, BBA University, Lucknow during 24th October to 2nd November 2018.

iv. Extension Lecture entitled "Generalized Regression Modelling using Statistical Software" in Research Methodology Course Work-Focus on Computer Applications at Department of Economics, BBA University, Lucknow during 24th October to 2nd November 2018.

Dr. Rahul Varshney

i. Invited talk on "The use of SPSS for Data Analysis" at Department of Library and Information Sciences Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow on Oct 08, 2018.

Dr. Amit Kumar Misra

i. Resource person in the National Workshop on Scientific Writing using LaTeX held at Amity University, Lucknow during Dec. 26-31, 2018.

ii. Resource person for the Workshop on Effective Medical Thesis Writing held at Government Medical College, Haldwani during Jan. 18-19, 2019.

iii. Resource person for the Introductory Course on Research Methodology and Biostatistics for Nursing Professionals held at Government Nursing College, Haldwani during Jan. 21-22, 2019.

iv. Resource person for the Seven Days' Workshop on Data Analysis using SPSS held at the Department of Statistics, University of Lucknow during Feb. 19-25, 2019.

Dr. Subhash Kumar Yadav

i. Extension Lecture on "Sampling Techniques" in Statistical Data Processing and Use of Unit Level data of NSSO" from 23rd April to 2nd May, 2018 at Department of Economics, BBAU, Lucknow.

ii. Extension Lecture on Double sampling Techniques on 14 September 2018 in Department of Statistics, Shia P.G. College, Lucknow

iii. Extension Lecture on "exploratory data analysis." in Seven day's workshop on Data analytics using SPSS organized by the Department of Statistics, University of Lucknow during 19-25 February 2019.

iv. Extension Lecture on Normal distribution and its Application in Department of statistics, Shia P.G. College, Lucknow on 14 September 2018.

11. Details of research projects

Dr. Subhash Kumar Yadav

i. Developing improved and efficient estimators for estimating average production of Peppermint yield in Barabanki district at block levels, Council of Science and Technology, Uttar Pradesh, Major, 2018-2019

12. Students Achievements

I. Faculty wise supervision of the Ph.D. Degree awarded

S. No.	Name of Student	Name of Supervisor	Name of Co-supervisor
1	Nazia Wahid	Dr. Surinder Kumar	Dr. Jahangir S Khan
2	MayankVaish	Dr. Surinder Kumar	-
3	AbhayPratap Pandey	Dr. Surinder Kumar	Dr. Shashi Bhushan
4	Ajay Kumar	Dr. Surinder Kumar	Dr. Jahangir S Khan
5	ChandniKumari	Dr. Surinder Kumar	Dr. Shashi Bhushan
6	Sumit Kumar	Dr. Surinder Kumar	Dr. Jahangir S Khan

II. Faculty wise supervision of the student pursuing Ph.D. Degree

S. No.	Name of Student	Name of Supervisor	Name of Co-supervisor
1	Vaishali Gupta	Dr. Amit Kumar Misra	-
2	Ruby Chanchal	Dr. Amit Kumar Misra	-
3	Tarushree Bari	Dr. Amit Kumar Misra	Dr. Subhash Kumar Yadav
4	Mradula	Dr. Rahul Varshney	-
5	Arun Pal	Dr. Rahul Varshney	-

S. No.	Name of Student	Name of Supervisor	Name of Co-supervisor
6	Ravi Shanker Sharma	Dr. Rahul Varshney	-
7	Vishwajeet Singh	Dr. Subhash Kumar Yadav	Prof. Madhulika Dube
8	Mohit Kumar Dixit	Dr. Subhash Kumar Yadav	-
9	Vaidehi Singh	Prof. Surinder Kumar	-
10	Prem Lata Gautam	Prof. Surinder Kumar	-
11	Ankit	Prof. Surinder Kumar	-
12	Mehraj Ud Din Mir	Prof. Surinder Kumar	-
13	Aditi Chaturvedi	Prof. Surinder Kumar	-
14	Ratan Kumar Thakur	Dr. Minakshi Mishra	-

III. Faculty wise supervision of the student pursuing. M. Phil. Degree

S. No.	Name of Student	Name of Supervisor
1.	Shanya Baghel	Dr. Subhash Kumar Yadav

IV. Accomplishments of students

i. Number of students completed their Masters: 22

ii. Number of students selected in civil services: Nil

iii. Number of students pursuing higher studies: 04

iv. Number of students selected in other government jobs/banking/school teaching etc.: 06

v. Number of students placed through campus interview: Nil

vi. Number of students awarded SLET/ NET/JRF/any other fellowship: 01 (NET JRF)

14. Any other special achievement recorded by the students

i. 07 Students of the department have qualified CSIR , UGC NET examination

ii. 03 students of the department have qualified GATE Examination

iii. 11 students of the department have have been selected in private sector

15. Google Profile of the faculty Members if available

Prof. Madhulika Dube

Cited by

	All	Since 2014
Citations	129	85
h-index	7	6
i10-index	5	3

Prof. Surinder Kumar

Cited by

	All	Since 2014
Citations	67	49
h-index	4	4
i10-index	2	1

Dr. Rahul Varshney

Cited by

	All	Since 2014
Citations	57	51
h-index	4	4
i10-index	3	3

Dr. Amit Kumar Misra

Cited by

	All	Since 2014
Citations	106	86
h-index	5	5
i10-index	5	5

Dr. Subhash Kumar Yadav

Cited by

	All	Since 2014
Citations	225	215
h-index	9	9
i10-index	8	7

Dr. Minakshi Mishra

Cited by

	All	Since 2015
Citations	3	3
h-index	0	0
i10-index	0	0

DEPARTMENT OF MATHEMATICS

The Department of Mathematics came into existence in the year 2017. Earlier the Department was know as Department of Applied Mathematics which came into existence in March 2012 as a result of 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.

1. Courses offered

- M.Sc. in Mathematics (two year course): started with effect from July 2010. Intake of 80 students per year (Excluding supernurary quota).
- Ph.D. in Mathematics: started with effect from July 2012.

Research Areas: Fluid Mechanics, Hydrodynamic stability, Numerical Analysis, Viscous potential flow theory, Heat and mass transfer, Electrohydrodynamics, Magnetohydrodynamics, Mathematical Modeling of Environmental and Ecological Systems, Differential Equations and Crptography.

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

Departmental library contains about 3000 books on mathematics and related Research Areas.

3. Departmental level Academic Activities

- Ms. Kanchan Shakya has submitted her Ph.D. thesis under the supervision of Dr Brajesh Kumar Singh

4. Co-curricular/Extra-curricular / sports activities

Many students participated in inter-school sports/co-curricular activites

5. Visitors of Department from inside the country (during 01.04.2018-30.06.2018)

i. Prof. P.G. Siddheshwar from Department of Mathematics, Bangalore University

ii. Prof. S.K. Tomar, Deprtmant of Mathematics, Punjab University, Chandigarh

iii. Prof. Aiyub Khan, Deprtmant of Mathematic & Statistics, JNV Univ., Jodhpur

6. Details of the Faculty

Present Faculty: 04, Vacant Posts: 03 (02-Associate Professors, 01-Assistant Professor)

i. Dr. B. S. Bhadauria

Professor

Qualification: M.Sc., Ph.D.

ii. Dr. Brajesh Kumar Singh

Assistant Professor

Qualification: M.Sc., Ph.D.

iii. Dr. Maitri Verma

Assistant Professor

Qualification: M.Sc., Ph.D.

iv. Dr. Mukesh Kumar Awasthi

Assistant Professor

Qualification: M.Sc., Ph.D.

7. Members/fellowshipof professional academic bodies/editorial board

Dr. Mukesh Kumar Awasthi

i. **Editorial Board member** of International Journal of Physical Research, Science Publishing Corporation, Germany, since March, 2014.

ii. **Vice-President** of BHU - Mathematical Society since January 2018.

8. Details of books written/edited by faculty members

i. A text book of differential equaions by Vivek Kumar and **Mukesh Kumar Awasthi.**

9. Paper published during the year by the (during 01.04.2018-30.06.2019)

i. Manoj Kumar Singh, B.S. Bhadauria, Brajesh Kumar Singh, Bifurcation analysis of modified Leslie-Gower predator-prey model with double Allee-effect. *Ain Shams Engg J.* 9(4) (2018) 1263-1277. IF: 1.027. Elsevier

ii. Palle Kiran, B.S. Bhadauria, and Y. Narasimhulu, Oscillatory magneto-convection under magnetic field modulation, *Alexandria Engineering Journal*, 57, 445-453 (2018).Elsevier

iii. A.A. Altawallbeh, B.S. Bhadauria, I. Hashim, Linear and nonlinear double-diffusive convection in a saturated porous layer with Soret effect under local thermalnon-equilibrium model. J Porous Media21(13) (2018) IF: 1.035. Begell House.

iv. Alok Srivastava, B.S. Bhadauria, A.K. Singh, Study of Heat and Mass Transport in Benard-Darcy convection with g-Jitter and variable viscosity liquids in a porous layer with internal heat source. *J. Applied Fluid Mech.* 11(5), (2018), 1217-1229.

v. B.S. Bhadauria, Ajay Singh,Vineet Kumar, Nonlinear g-Jitter Thermal Instability in Nanofluid in the Presence of Throughflow and Heat Source. *Advanced Science, Engineering and Medicine*10 (7-8) (2018) 705-711.

vi. B.S. Bhadauria, Vineet Kumar, Convective motion in nanofluidunder variable rotational speed. *Advanced Science, Engineering and Medicine* 10 (7-8) (2018) 712-718.

vii. Pallath Chandran, NC Sacheti, BS Bhadauria, AK Singh, Natural convection in a hydrodynamically and thermally anisotropic non-rectangular porous cavity: effect of internal heat generation/ Absorption, *Int J. of Applied Mechanics and Engg*. 23(3) (2018) 595-609.

viii. BS Bhadauria, Ajay Singh, Throughflow and G-jitter effects on chaotic convection in an anisotropic porous medium *Ain Shams Engineering Journal* 9(4) (2018) 1999-2013

ix. B.S.Bhadauria, A Singh, MK Singh, Chaotic convection of viscoelastic fluid in porous medium under G-Jitter, *Int J. of Applied Mechanics and Engg*. 24(1) (2019) 37-51

x. MK Singh, B.S. Bhadauria,Qualitative Analysis of a Modified Leslie-Gower Predator-prey Model with Weak Allee Effect II, *Applications and Applied Maths: An Int. J.* 14(1) (2019) 139 – 163

xi. Alok Srivastava, B.S. Bhadauria, Ajay Singh,An analytical study of Heat and Mass Transport in B'enard-Darcy convection with g-Jitter and Variable Viscosity Liquids in porous media, *Special Topics & Reviews in Porous Media – An*

International Journal, 10(4) (2019) 323 – 338

xii. **Maitri Verma** and A.K. Misra, Optimal control of anthropogenic carbon dioxide emissions through technological options: a modeling study,Computational and Applied Mathematics, 37, 605-626, 2018. (Impact Factor: 0.961) (Springer)

xiii. **Maitri Verma** and A.K. Misra, Modeling the Effect of Prey Refuge on a Ratio-Dependent Predator–Prey System with the Allee Effect, Bulletin of Mathematical Biology, 80, 626-656, 2018. (Impact Factor: 1.263) (Springer)

10. Attended/participated in Conferences/Seminar/Workshops inside country

i. **Dr. Maitri Verma** has attended Orientation PRogramme-129 at University of Lucknow, Lucknow from 03/07/201-31/07/2018.

ii. **Dr. Mukesh Kumar Awasthi** has attended Orientation Programme-129 at University of Lucknow, Lucknow from 03/07//2/018-31/07/2018.

11. Details of Research Project (Major/ Minor)

i. **Dr. Maitri Verma**, is running a project titled "Causes and Impacts of Global Warming: A mathematical Study" funded by UGC-BSR with a grant of Rs. 10,00,000/-

ii. **Dr. Mukesh Kumar Awasthi**, is running a project titled "Nonlinear study of interface in multilayer fluid system" 'funded by UGCT-BSR with a grant of Rs. 10,00,000/-

12. Faculty wise Supevision of he Ph.D degree awarded

i. Prof B.S. Bhadauria-01

ii. Dr. B.K. Singh-01

13. Faculty wise Supervision of the student pursuing Ph.D. degree

i. Prof. B.S. Bhadauria-05

ii. Dr. B.K. Singh-04

iii. Dr. Maitri Verma-02

iv. Dr. Mukesh Kumar Awasthi-03

14. Details of invited lectures inside Country

Dr. B.S. Bhadauria

i. Delivered an invited lecture on the topic "Mathematical and statistical techniques for management and commerce" at Department of Rural Management, BBAU Lucknow on 13.03.2019

ii. Delivered an invited lecture on the topic "Numerical simulation of natural convection in a rectangular porous cavity" at Department of Mathematics, SRM University, Lucknow on 22.02.2019

iii. Delivered an invited lecture on the topic "Weakly nonlinear convection under modulation" at National Conference of GanitaParishad of India at Lucknow University on 11.11.2018.

iv. Delivered an invited lecture on the topic "Advanced Theoretical and Numerical Techniques: An overview"at Ram Swaroop Memorial University, Lucknow on 12.09.2018.

15. Google profile of faculty members

S. No.	Name	Total citations	h-index	i10-index
1	Prof. B S Bhadauria	1882	27	58
2	Dr. Brajesh Kumar Singh	306	9	8
3.	Dr. Maitri Verma	94	6	5
4.	Dr. Mukesh Kumar Awasthi	690	18	25

DEPARTMENT OF PHYSICS

The Department of Applied Physics was set up in the year 2010; under the aegis of School for Physical Sciences. It was initially run with coordinator in-charge and some guest faculty members. In 2017, the Department was rechristened as Department of Physics & School was renamed as School of Physical & Decision Sciences. In the current year, the overwhelming response was found from the students. However, due to the limitation of the physical infrastructure, many students were not enrolled despite the keen interest of candidates from various states of the country. The Department is trying to attract a few International students for their research activities, after the issuance of guidelines from university for international students. Presently twenty-three students are pursuing Ph.D. in the field of Condensed Matter Physics, Material Science, Nano-Science & Nano-Technology and Theoretical modelling (ab initio/DFT methods) in areas of Liquid Crystal, Cluster studies, Computational Biophysics etc. 18 PhDs 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 & 10 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 IISc, 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 ab initio/DFT studies as applicable to Liquid crystal/Cluster studies/Chemical Physics/ Computational Biophysics.

Departmental faculty members have UGC, BARC-DAE and DST sponsored major research projects. They are working in the field of Nano-materials, Energy harvesting devices, Sensors, Molecular modelling, Theoretical Physics and Applied Optics etc.

1. Course Offered

i. M.Sc. (Physics)

ii. M. Sc. (Nuclear Medicine Technology)

iii. M. Phil (Physics)

iv. Ph.D. (Physics)

1. Facilities available in the department

i. M.Sc. Laboratory

ii. Research Laboratory

iii. Instrumentation Laboratory

iv. Smart Classroom.

v. Departmental Library.

2. Details of Faculty

i. Prof. Bal Chandra Yadav

Professor & Head

Specialization: Synthesis of Nanomaterials/ Nanocomposites, Characterizations,

Thin Film/ Thick Film Sensors, Humidity Sensors, LPG Sensors and Pressure

Sensors, Renewable Energy, Solar cells, Recycling of waste PV modules

Qualification: Ph. D.

ii. Dr. Devesh Kumar

Professor

Specialization: Simulations of intermolecular interactions in mesogens and biological Molecules

Qualification: Ph.D.

iii. Dr. Ramesh Chandra

Assistant Professor

Specialization: Nuclear double beta decay, Nuclear and particle astrophysics

Qualification: Ph.D.

iv. Dr. A.K. Yadav

Assistant Professor

Specialization: Materials Science, Nanoscience, Ultrasonics, Theoretical modeling

Qualification: Ph.D.

v. Dr. Devendra Singh

Assistant Professor

Specialization: Applied Optics, Theoretical modelling

Qualification: Ph.D.

vi. Dr. Khem Bahadur Thapa

Assistant Professor

Specialization: Materials Science, Applied Optics

Qualification: Ph.D.

3. Conferences /workshops/other events organized by the department

Conference: "सूक्ष्म पदार्थ एवं सम्बद्ध चेतना ऊर्जा" during 01st-03rd February, 2019

4. Other department level Academic Activities

Special Lectures delivered by

i. Dr. T.P. Yadav

Dept. of Physics,

BHU, Varanasi

ii. Prof. V.A. Tabhane

Dept. of Physics, Pune University University

iii. Dr. Rajeev Kumar

AMPRI, Bhopal, India

5. Co-curricular/Extra-curricular/Sport activity by the department:

Cultural programs organized by students on various occasions like Teachers day, Welcome & Farewell parties, Sports activity-Kabaddi, Volleyball, Badminton, Kho kho etc;

6. Visitors of Department from inside the country

i. Prof. P.S. Yadav, Department of Physics, Allahabad University, Prayag, U.P., India

ii. Prof. A.K. Srivastava- Department of Physics, Pantnagar University, Pantnagar, U.A., India

iii. Prof. Pramod Bhatanagar, Brahma Varchas Shodhsansthan, Haridwar, UA

iv. Prof. O. N. Srivastava, BHU, Varanasi

v. Dr. C.R. Gautam, Department of Physics, Lucknow University, Lucknow, U.P., India

vi. Dr. P.K. Srivastava, CDRI, Lucknow, U.P., India

vii. Prof. S.K. Saraf, Director, BBD NIITM, U.P., India

viii. Prof. (Dr.) A.K. Chaudhary, Head ACRHEM, University of Hyderabad, Hyderabad

ix. Prof. S. Ram, Center for Materials Science, IIT, Karagpur, WB

x. Prof. Umesh Yadav, Dept. of Physics, DDU Gorakhpur University, Gorakhpur, U.P., India

xi. Dr. Shri Pal, Dept. of Physics, Kanpur University, Kanpur, U.P., India

xii. Prof. Archana Meshram, Nagpur University, Nagpur, Maharastra

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

Dr. B.C. Yadav

i. Life member, Indian Science Congress Association (**ISCA**)

ii. Life member, Optical Society of India (**OSI**

iii. Life member, Materials Research Society of India (**MRSI**)

iv. Life member, National Academy of Science, Allahabad

Member of Editorial Board

i. American Journal of Optics and Photonics, Science Publishing Group, USA.

ii. Lucknow Journal of Science, **Print ISSN:** 0974-8121, **Online ISSN:** 0974-813X, **Publisher:** Lucknow University Teacher's Academic Publication Society.

iii. International Journal of Scientific and Innovative Research 2013; 1(2):93-108, P-ISSN 2347-2189, E-ISSN 2347-4971.

iv. International Journal of Sensors and Sensor Networks, Science PG

v. Brain Pool Fellow, Korea Research Institute of Chemical Technology (KRICT), Daejeon, South Korea.

Dr. Devesh Kumar

i. Life member, The World Association of Theoretical and Computational Chemists (WATOC)

ii. Life member, Society of Biological Inorganic Chemistry (SBIC)

iii. Life member, Indian Biophysics Society (IBS)

iv. Life member, National Academy of Science

v. Life member, Member, American Chemical Society

vi. Life member, Member, National Academic of Sciences, India, Allahabad

vii. Life member, The World Association of Theoretical and Computational Chemists (WATOC)

viii. Life member, Society of Biological Inorganic Chemistry (SBIC)

ix. Life member, Indian Biophysics Society (IBS)

x. Ramanujan Fellow, Indian Institute of Chemical Technology, Hyderabad (A. P.), India

xi. Life member, Group Leader: Dr. G. Narahari Sastry

xii. Postdoctoral Fellow, The Max-Planck-Institut für Kohlenforschung, Mulheim an der Ruhr, Germany

xiii. Postdoctoral Fellow, The Hebrew University of Jerusalem, Israel

xiv. Mentor: Professor Sason Shaik

xv. Mentor: Professor Walter Thiel

Dr. Khem B. Thapa

i. Ultasonic Society of India

8. Details of Book Chapter in edited volume

Dr. Devesh Kumar

i. Surya Pratap Goutam, Asheesh Kumar, **Devesh Kumar**, Rajkamal Shastri, Anil

Kumar Yadav, Application of Supercritical Carbon Dioxide in the Leather Industry, *Industrial Applications of Green Solvents: Volume I*, **50**, 147, 2019.

Dr. A. K. Yadav

i. R.N. Bhargava S.P Goutam, G Saxena, D Roy, **A. K. Yadav**, Green Synthesis of Nanoparticles and Their Applications in Water and Wastewater Treatment, *Bioremediation of Industrial Waste for Environmental Safety: Industrial Waste and Its Management*, **1**, 349-379, 2019.

ii. Surya Pratap Goutam, Asheesh Kumar, Devesh Kumar, Rajkamal Shastri, **Anil Kumar Yadav**, Application of Supercritical Carbon Dioxide in the Leather Industry, *Industrial Applications of Green Solvents: Volume I*, 50, 147, 2019.

9. Paper published during the by the faculty members

Prof. B. C. Yadav

i. Improved sensing behaviour of self-healable solar light photodetector based on core-shell type $Ni_{0.2}Zn_{0.8}Fe_2O_4$@ poly (Urea-Formaldehyde), Shakti Singh, Abhisikta Bhaduri, Ravi Kant Tripathi, Khem Bahadur Thapa, Rajeev Kumar, **Bal Chandra Yadav**, ***Solar Energy*** 188 (2019) 278–290.

ii. Development of WO_3-PEDOT: PSS hybrid nanocomposites based devices for gas (LPG) sensing application, Jagjeevan Ram, Ramgopal Singh, F. Singh, Vikas Kumar; Vishnu Chauhan, Rashi Gupta, Utkarsh Kumar, **B. C. Yadav**, Rajesh Kumar, ***Journal of Materials Science: Materials in Electronics***, 30 (14), 13593-13603, 2019.

iii. Synthesis and characterizations of exohedral functionalized Graphene Oxide with iron nanoparticles for humidity detection, Kuldeep Kumar, Utkarsh Kumar, Monika Singh, **B. C. Yadav** ***Journal of Materials Science: Materials in Electronics***, https://doi.org/10.1007/s10854-019-01663-9, 2019.

iv. Facile synthesis of molybdenum disulfide (MoS_2) quantum dots and its application in humidity sensing, Sarita Yadav, Priyanka Chaudhary, K N Uttam, Ashish Varma, Manu Vashistha and **B.C. Yadav**, ***Nanotechnology*** 30 (2019) 295501 (10pp) https://doi.org/10.1088/1361-6528/ab1569.

v. Fabrication of nanopolygon's structured morphology of magnesium ferrite and its applications as heat transfer agent and gas/humidity sensors, Aashit Kumar Jaiswal, Samiksha Sikarwar, Satyendra Singh, **B. C. Yadav** and R.R. Yadav, ***Journal of Materials Science: Materials in Electronics***, 2019.

vi. Rapid humidity sensing activities of lithium-substituted copper-ferrite (Li"$CuFe_2O_4$) thin films, V. Manikandan, S. Sikarwar, **B. C. Yadav**, S. Vigneselvan, R.S. Mane, Ali Mirzaei, ***Materials Chemistry and Physics***, Volume 229, 1 May 2019, Pages 448-452.

vii. Development of humidity sensor using modified curved MWCNT based thin film with DFT calculations, Utkarsh Kumar, **B. C. Yadav,** ***Sensors & Actuators: B. Chemical***, Volume 288, 1 June 2019, Pages 399-407.

viii. Priyanka Chaudhary, Dheeraj Kumar Maurya, Samiksha Sikarwar, **B. C. Yadav**, GI Dzhardimalieva, Rajiv Prakash, Development of nanostructured nickel reinforced polyacrylamide via frontal polymerization for a reliable room temperature humidity sensor, ***Journal***

European Polymer Journal, Volume 112 (2019) Pages 161-169.

ix. Synthesis and characterization of highly porous hexagonal shaped CeO_2-Gd_2O_3-CoO nanocomposite and its opto-electronic humidity sensing, Samiksha Sikarwar, **B. C. Yadav**, Rakesh K Sonker, GI Dzhardimalieva, Jeevitesh K Rajput, ***Applied Surface Science,*** Volume 479, 15 June 2019, Pages 326-333.

x. Synthesis of carbon nanotubes by direct liquid injection chemical vapor deposition method and its relevance for developing an ultra-sensitive room temperature based CO_2 sensor, Utkarsh Kumar, **B. C. Yadav,** ***Journal of the Taiwan Institute of Chemical Engineers,*** Volume 96, March 2019, Pages 652-663.

xi. Synthesis and characterization of nanostructured Copper Zinc Tin Sulphide (CZTS), for humidity sensing applications, Dheeraj Kumar Maurya, Samiksha Sikarwar, Priyanka Chaudhary, Subramania Angaiah, and **Bal Chandra Yadav**, ***IEEE Sensors***-24602-2018, (2019).

xii. Development of nanostructured nickel reinforced polyacrylamide via frontal polymerization for a reliable room temperature humidity sensor, P Chaudhary, DK Maurya, S Sikarwar, **B.C. Yadav**, GI Dzhardimalieva, Rajiv Prakash, ***European Polymer Journal,*** 112 (2019) 161-169.

xiii. Fabrication and characterization of ZnO-TiO_2-PANI (ZTP) micro/nanoballs for the detection of flammable and toxic gases, Rakesh K Sonker, **B.C. Yadav**, Vinay Gupta, Monika Tomar, ***Journal of Hazardous Materials,*** https://doi.org/10.1016/j.jhazmat.2018.10.016, 2018.

xiv. Green synthesis of iron nanoparticle from extract of waste tea: An application for phenol red removal from aqueous solution, A Gautam, S Rawat, J Singh, S Sikarwar, **B.C. Yadav**, AS Kalamdhad, ***Environmental Nanotechnology, Monitoring & Management***, 10 (2018) 377–387**.**

xv. Room-Temperature Gas Sensing Properties of Nanocrystalline-Structured Indium-Substituted Copper Ferrite Thin Film, V. Manikandan, Monika Singh, **B.C. Yadav**, and S. Vigneselvan, Journal of ***Electronic Materials***, https://doi.org/10.1007/s11664-018-6543-8, 2018.

xvi. Spherical growth of nanostructures ZnO based optical sensing and photovoltaic application, Rakesh K. Sonker, S. Sikarwar, S.R. Sabhajeet, Rahul, **B.C. Yadav,** ***Optical Materials*** 83 (2018) 342–347.

xvii. Synthesis and investigation of cubical shaped barium titanate and its application as opto-electronic humidity sensor, Samiksha Sikarwar, Rakesh K. Sonker, Anuj Shukla, **B. C. Yadav**, ***Journal of Materials Science: Materials in Electronics****,in press 2018.*

xviii. Synthesis and Characterization of Nanostructured MnO_2-CoO and its relevance as opto-electronic humidity sensing device, Samiksha Sikarwar, **B. C. Yadav**, G.I. Dzhardimalieva, N.D. Golubeva and Pankaj Srivastava, ***RSC Advances***, 2018, **8**, 20534 – 20542.

xix. Nanostructured spherical-shaped Sc(III) Polyacrylate for monitoring the moisture level, Samiksha Sikarwar, Arun Kumar, **B. C. Yadav**, G.I. Dzhardimalieva, ***IEEE Sensors Journal*** 18 (11), 4384-4391, 2018.

xx. Effect of ambient gas on the

nanomechanical properties of amorphous carbon embedded with nanocrystallites deposited using filtered anodic jet carbon arc technique, Ravi Kant Tripathi, O.S. Panwar, Ishpal Rawal, A. K. Srivastava and **B. C. Yadav**, ***Journal of the Taiwan Institute of Chemical Engineers***, 86, 185–191, 2018.

xxi. State of Art: An Approach to the Synthesis of Pure and Doped Graphene, U Kumar, **B. C. Yadav,** ***Advance Science, Engineering & Medicine***, ASP, USA 10 (07), 638-643, 2018.

xxii. Carbon Nanotubes Based Thin Films as Opto-Electronic Moisture Sensor

a. Ekta Singh, U. Kumar, R. Srivastava, **B. C. Yadav,** ***Advance Science Engineering & Medicine***, ASP, USA, 10 (7/8), 790-792, 2018.

xxiii. An Overview on the Importance of Chemical Vapour Deposition Technique for Gra phene Synthesis, K Kumar and **B. C. Yadav,** ***Advance Science, Engineering & Medicine***, ASP, USA, July 10 (7/8), 765-768, 2018.

Prof. Devesh Kumar

i. D Kumar, A Kumar, J Kumar, D Kumar, Structural Stability and Electronic Properties of (Ga n N n) m Micro Cluster by Using Ab-Initio and Tight-Binding Study, ***Advanced Science, Engineering and Medicine*** **10 (7-8)**, 727-731, 2018.

ii. R Shastri, N Awasthi, D Kumar, AK Yadav, D Roy, SP Goutam, A Pandey, A Density Functional Theory Study on Structural Stability and Electronic Properties of Co x O y (x+ y= 4–12) Nanoclusters, ***Advanced Science, Engineering and Medicine*** 10 (7-8), 814-818, 2018.

iii. Pawan Singh, K B Thapa, N Kumar, Devesh Kumar, Tunable transmission of a nematic crystal as defect in a 1D periodic structure of dielectric materials by orientation and re-orientation of liquid crystal molecules, ***Eur. Phys. J. E.,*** Vol. 41, pp. 100-107, (03/Sept/2018)

iv. Pawan Singh, K B Thapa, N Kumar, Devesh Kumar, Graphene layers on semifinite 1D asymmetric periodic structure of Si/Glass materials with defect of nematic liquid crystal for a sensor device, ***Mat. Res. Exp. (IOP),*** Vol. 6, pp. 066209-10, (19/March/2019)

v. P Singh, KB Thapa, N Kumar, AK Yadav, D Kumar, Tunable optical filter based on one-dimensional periodic structure composed of SiO2 and anisotropic metamaterial (AMM) with a liquid crystal defect layer sandwiched by two, ***International Journal of Modern Physics B*** 33 (18), 1950194, (2019/7/20)

vi. P Singh, KB Thapa, N Kumar, D Singh, **D Kumar**, Study of transmission property of periodic layer consisting of SiO2 and TiO2 layers with anisotropic liquid crystal (LC) and LiNbO3 as defect layers for optical switching, ***Results in Physics*** 13, 102346, (2019/6/1)

vii. Prasenjit Barman, Fabian Cantu Reinhard, Umesh Kumar Bagha, **Devesh Kumar**, Chivukula Sastri, Hydrogen by Deuterium Substitution in an Aldehyde Tunes the Regioselectivity by a Nonheme Manganese (III) Peroxo Complex. Samuel de Visser, (2019/5/20)

viii. G Mukherjee, A Alili, P Barman, D Kumar, CV Sastri, SP de Visser, Interplay Between Steric and Electronic Effects: A Joint Spectroscopy and Computational Study of Nonheme Iron (IV) Oxo

Complexes, ***Chemistry–A European Journal*** 25 (19), 5086-5098 (2019/4/1)

ix. Pawan Singh, Khem B Thapa, Narinder Kumar, Krishan Pal, Devesh Kumar, Graphene layers on semi-finite 1D asymmetric periodic structure of Si/ Glass materials with defect of nematic liquid crystal for a sensor device, **Materials Research Express**, (2019/3/29)

x. Pawan Singh, Khem B Thapa, Narinder Kumar, Devesh Kumar, Tunable transmission of a nematic liquid crystal as a defect in a 1D periodic structure of dielectric materials by orientation and re-orientation of liquid crystal molecules. ***The European Physical Journal E***, (2018/ 9/1)

xi. Firoz Shah Tuglak Khan, Sayantani Banerjee, Devesh Kumar, Sankar Prasad Rath, Diheme Cytochrome c: Structure–Function Correlation and Effect of Heme"Heme Interactions, ***Inorganic chemistry***, (2018/8/27)

Dr. Ramesh Chandra

i. P. K. Rath, **Ramesh Chandra**, K Chaturvedi, PK Raina, Nuclear transition matrix elements for double- decay within PHFB model, *Frontiers in Physics*, 7, 64, 2019.

ii. P. K. Rath and P. K. Raina Yash Kaur Singh, **R. Chandra**, K. Chaturvedi, Tripti AvasNuclear transition matrix elements for neutrinoless double-â decay within mechanisms involving light Majorana neutrino mass and right-handed current, *International Journal of Modern Physics E* **28**, 1950001, 2019

Dr. A. K. Yadav

i. S P Gautam, G. Saxena, V Singh, **A K Yadav**, R N Bharagava, K B Thapa, Green synthesis of TiO2 nanoparticles using leaf extract of Jatrophacurcas L. for photocatalytic degradation of tannery wastewater, *Chem. Engg. J.*, Vol 336, pp. 386-396, (15/March/2018)

ii. Shikha Srivastava, SP Gautam, Richa Srivastava, **AK Yadav**, BC Yadav, Synthesis of Titanium Dioxide (TiO2) via Sol–Gel Method and Fabrication of Dye-Sensitized Solar Cell, *Advanced Science, Engineering and Medicine*, 10(7-8), 695, 2018.

iii. Rajkamal Shastri, Nidhi Awasthi, Devesh Kumar, **Anil Kumar Yadav**, Diptarka Roy, SP Goutam, Anwesh Pandey, A Density Functional Theory Study on Structural Stability and Electronic Properties of Co x O y (x+ y= 4–12) *Nanoclusters, Advanced Science, Engineering and Medicine*, 10(7-8), 814, 2018.

iv. Asish Kumar, Khem B Thapa, **Anil K Yadav**, Enhancement of absorption property of one-dimensional ternary periodic structure containing plasma based hyperbolic material for the application of microwave devices, *Journal of Magnetism and Magnetic Materials*, https://doi.org/10.1016/ j.jmmm.2019.165371, 165371, 2019.

Dr. Khem B. Thapa

i. P Athe, S. K Srivastava, **K B Thapa,** Electromagnetically induced reflectance and Fano resonance in one dimensional superconducting photonic crystal, *Physica C: Supercond and its Appl.*, Vol. 547,

pp. 36-40, (15/April/2018).

ii. Pawan Singh, **K B Thapa**, N Kumar, Devesh Kumar, Tunable transmission of a nematic crystal as defect in a 1D periodic structure of dielectric materials by orientation and re-orientation of liquid crystal molecules, *Eur. Phys. J. E.*, Vol. 41, pp. 100-107, (03/Sept/2018)

iii. Asish Kumar, N. Kumar, **K. B Thapa,** Tunable broadband reflector and narrow band reflector filter of a dielectric and magnetized cold plasma photonic crystal, *Eur. Phys. J. Plus,* Vol. 133, pp. 250-257, (06/July/2018)

iv. Asish Kumar, **K B Thapa**, S P Ojha, A tunable broad band filter of ternary photonic crystal containing plasma and superconducting materials, *Indian J. Phys.*, Vol. 93, pp. 791-798, (15/Nov/2018)

v. S P Gautum, G. Saxena, V Singh, A K Yadav, R N Bharagava, **K B Thapa,** Green synthesis of TiO2 nanoparticles using leaf extract of Jatrophacurcas L. for photocatalytic degradation of tannery wastewater, *Chem. Engg. J.*, Vol 336, pp. 386-396, (15/March/2018)

vi. Pawan Singh, **K B Thapa**, N Kumar, Devesh Kumar, Graphene layers on semifinite 1D asymmetric periodic structure of Si/Glass materials with defect of nematic liquid crystal for a sensor device, *Mat. Res. Exp. (IOP),* Vol. 6, pp. 066209-10, (19/March/2019)

vii. Asish Kumar, **Khem B Thapa**, Anil K Yadav, Enhancement of absorption property of one-dimensional ternary periodic structure containing plasma based hyperbolic material for the application of microwave devices, *Journal of Magnetism and Magnetic Materials*, 165371, 2019.

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

i. **Prof. B.C. Yadav** Two days International Conference on "Recent Advances on Interdisciplinary Sciences", 12-15 January, 2019, Department of Electronics, University of Jammu, **Jammu**, India

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

i. **Prof. B.C. Yadav** POLY-CHAR 2019**,** Tribhuwan University, Kathmandu, **Nepal.** May 19-23, 2019.

12. Details of invited lecture inside the country

Prof. B.C. Yadav

i. National Symposium on Advanced Materials Science(NSAMS 2018)" 7-8 December 2018, Department of Physics, DDU Gorakhpur University, Gorakhpur, U.P., India

ii. National Seminar on "Recent Innovations in Advanced Materials (RIAM-2018)", 18-19 September 2018, CSIR-Advanced Materials and Processes Research Institute (AMPRI), Hoshangabad Road, Near Habibganj Naka, Bhopal 462026, (M. P.) India

iii. Special Invited Lecture, 24th July, 2018, Department of Electronics, University of Jammu, Jammu, India

13. Details of invited lecture outside the country

i. **Prof. B.C. Yadav** POLY-CHAR 2019**,** Tribhuwan University, Kathmandu, Nepal. May 19-23, 2019.

14. Students achievements

I. Ph.D. award during the year: 2018-2019

S. No	Name of Students	Guide	Title	Fellowship availed/ availing
1	Samiksha Sikarwar	Prof. B.C. Yadav	Synthesis and Characterization of Metal Oxide Nanocomposite Films and their Applications as Opto-Electronics Humidity Sensors	INSPIRE Fellowship
2	Deep Kumar	Prof. Devesh Kumar	Quantum Mechanical Study of Some Semiconductor Clusters	UGC-JRF
3	Asheesh Kumar	Prof. Devesh Kumar	Quantum Mechanical Study of Different Types of Nucleic Sensors	RGNF
4	Yash Kaur Singh	Dr. Ramesh Chandra	Study of Neutrinoless Double Beta Decay Within PHFB Model	UGC-
5	Ruchi Mishra	Dr. Ramesh Chandra	"Study of Drug-DNA interaction using Quantum Mechanical Tools"	UGC-
6	Surya Pratap gautam	Dr. Anil Kumar Yadav	Development of Law Dimensional Materials for the, Advanced Technologies	UGC-
7	Rajkamal Shastri	Dr. Anil Kumar Yadav	"Studies on Functional Materials for Advanced Applications"	UGC-JRF

ii. Ph.D. students Pursuing

S. No	Name of Students	Guide	Title	Fellowship availed/ availing
1	Utkarsh Kumar	Prof. B.C. Yadav	Synthesis of Nano-carbon-their sensing applications	RGNF
2	Ajeet Singh	Prof. B.C. Yadav	Design and Fabrication of Humidity/Gas Sensors by using Heterostructural Nanomaterials	CSIR-JRF
3	Sudhir Kumar	Prof. B.C. Yadav	Development of nanohybrid Materials and Their Sensing Applications	CSIR-JRF
4	Nirbhav Singh	Prof. B.C. Yadav	Preparation of Carbonaceous Hybrid Nanomaterials for Energy Storage and Conversion Devices	UGC
5	Arpit Verma	Prof. B.C. Yadav	Preparation and properties of metallpolymer nanostructures relevant to renewable energy applications	UGC-
6	Priyanka Chuadhary	Prof. B.C. Yadav	Synthesis and Characterization of Quantum dots and their Application as Sensors	UGC-
7.	Kuldeep Kumar	Prof. B.C. Yadav	Investigation on Graphene with functionalized metal oxides and their sensing applications	UGC-
8	Shakti Singh	Prof. B.C. Yadav	Synthesis and Characterization of self-healing Nano- Materials and their Applications	UGC-
9.	Ashish Kumar	Dr. Khem B. Thapa	Optics of Photonics and applicattttion	UGC

S. No	Name of Students	Guide	Title	Fellowship availed/ availing
9	Rolly Yadav	Prof. Devesh Kumar	Quantum Mechanical Study of Reactivity of Modeled/ Biomimetic Heme and Non-Heme type Metalloenzymes	INSPIRE Fellowship
10	Nidhi Awasthi	Prof. Devesh Kumar	Understanding the metabolism of drug like Molecules by Heme & Non-Heme Modeled Enzymes Using Quantum Mechanical Tools	UGC-
11	Anamika Shukla	Prof. Devesh Kumar	"Quantum mechanical/ Molecular Mechanical (QM/MM) studies of DNA Binding Drugs ''	INSPIRE Fellowship
12	Shivani Chaudhary	Prof. Devesh Kumar	"Electro-optical properties of liquid crystal molecules by quantum mechanical methods ''	UGC-
13.	Narinder Kumar	Prof. Devesh Kumar	"Comparative study of electro-optical properties of liquid crystal molecules"	RGNF
13	Ratindra Gautam	Dr. Ramesh Chandra	Uncertainties in the nuclear transition matrix elements of neutrino less double beta decay	JRF
14	Vivek Nautiyal	Dr. Ramesh Chandra	Uncertainties	UGC
15	Deeptarka Roy	Dr. Anil Kumar Yadav	Synthesis and Characterization of Nanostructures' with Functional Properties for the Novel Applications	UGC-
16	Anwesh Pandey	Dr. Anil Kumar Yadav	A Computational Study of Drug-DNA Interactions	UGC-
17	Krishan Pal	Dr. Khem. B. Thapa	Synthesis and Characterization of Functional Materials for0020Energy Applications	UGC-

S. No	Name of Students	Guide	Title	Fellowship availed/ availing
18	Abhisikta Bhaduri	Dr. Khem. B. Thapa	Investigation of Micro and Nan ferrites and their Applications	UGC-
19	Pawan Singh	Dr. Khem. B. Thapa	Study of Electro-Optics of Anisotropic Molecules for Photonics Applications	UGC-
20	Bhavna Pal	Dr. Devendra Singh	Electro–optical and Physical Properties of Liquid Crystal Molecules Studied by Quantum Mechanical Methodology	UGC-

iii. M.Phil. Pursuing

S. No	Name of Students	Guide	Title	Fellowship availed/ availing
1.	Banani Kar	Dr. Anil Kumar Yadav	Green Synthesis of Nanomaterials	-----

iv. Accomplishments of Students (2018-2019)

Number of students Completed their/Graduation/ Diploma	M.Sc. Physics	30
	M.Sc. Nuclear Technology	05
	M.Phil.	01
Number of student pursuing higher studies	05 in Ph.D.	
Number of students NET/JRF any other fellowship	03 NET 01 GATE	
Number of students sleeted on other government jobs	Govt. Job	02
	Teaching Job	03
	Private Job	04
	Projects	01

15. Google scholar profile of the faculty members

Prof. Bal Chandra Yadav

	All	Since 2014
Citations	2948	2358
h-index	29	27
i10-index	87	78

Dr. Anil Kumar Yadav

	All	Since 2014
Citations	143	109
h-index	5	4
i10-index	4	1

Prof. Devesh Kumar

	All	Since 2014
Citations	7029	3476
h-index	46	32
i10-index	78	67

Dr. Devendra Singh

	All	Since 2014
Citations	57	57
h-index	3	3
i10-index	1	1

Dr. Ramesh Chandra

	All	Since 2014
Citations	600	278
h-index	11	9
i10-index	11	8

Dr. Khem B Thapa

	All	Since 2014
Citations	514	309
h-index	12	9
i10-index	13	7

SCHOOL OF EDUCATION

The School of Education has established to address the felt need of the country in the 21st Century in relation to empowerment of teachers in the context of current trend of skills shortage and unemployment. While efforts are under the way to implement programmes ranging from Certificate to Diploma and P.G. Diploma, Bachelor, Master and Ph.D. in the discipline of education from all stages (nursery, elementary, secondary, senior secondary, college and university including technical and vocational). As per the guidelines of the University Grants Commission, six centres are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of Education. Again the primary reference point for designing and delivering the programmes are at par with the needs and demands of the Industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula (CPDTETEC) has already started M.A EducationProgramme under Innovative Course.

Department of Education

Department of Education has the objective oftraining teachers for secondary schools as well asacademicians committed to the cause of education inits various forms. Department of Education hasadopted Ambedkar's integrated system of educationthrough which education, cultural sensitivity andservice can be provided to motley of communities thatvary from one another. If education is the vehicle ofchange, then the need for having adequately trainedpersonnel becomes urgent. Department of Educationoffers B. Ed., M. A. in Education and researchprogramme leading to Ph.D. It has an active researchcell. The institute has been a committed participant inthe 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 Uttar Pradesh. The students of this institute are provided with a veryserious, adequate, guided and supervised field practice teaching in the schools of Lucknow district. The Department has a well-equipped Audio-Visual Unitto facilitate quality improvement and mobilization inthe teaching-learning process.

Short term goals

i. Designing highly employable Innovative Programmes

ii. Developing Curriculum for School Education

iii. Practicing Pedagogical Innovations

iv. Promoting Action Research

v. Community Outreach

Long term goals

i. Extension of Minimum Levels of Learning Competencies from primary stage to upperprimary, secondary and senior secondary stage.

ii. Setting National standard for Twelve Years of School Leaving Certificate

iii. Supporting National and State level Educational Policy for Inclusive development

iv. Linking Policies with educational practices

v. Promoting Indigenous Research

vi. Centre of Excellence in School Education

1. Courses offered :

i. B.Ed.,

ii. M.A. Education,

iii. M.Phil. Education and

iv. Ph.D. Education

2. Department Level Academic Activities

i. The department has organized a National Seminar on " Higher Education in the New Century: Challenges and Opportunities" on 23th February 2018

ii. Research Colloquium

iii. Organization of lecture series on various contemporary issues in Education.

3. Details of Faculty:

i. Prof Arvind Kumar Jha, Professor, Dean & Head

ii. Dr Hari Shanker Singh, Associate Professor

iii. Dr Victoria Susan Ijjina, Asst. professor

iv. Dr Shanu Singh, Asst. Professor

v. Dr. Sangeeta Chauhan, Asst. professor

vi. Dr. Rajesh Ekka, Asst. professor

vii. Dr. Lilma, Asst. professor

viii. Dr. Subhash Mishra, Asst. professor

ix. Dr Vivek Nath Tripathi, Asst. professor

4. Co – Curricula/ Extra – curricular/ conferences event organized by theDepartment

Debate, elocution, Singing competition, Drawing& Painting competition, Plantation, Visit educationalinstitution, Workshops, Sports, Cultural programs,Drama and Art, Craft work workshops, Awarenessprograms, Old age & Orphanage home visit,Community visits, Gardening & Swachh BharatAbhiyan, Educational Film Viewing and its review etc.

5. Visitors of the Department

i. Prof. Namita Rangnathan

ii. Prof. Anand Prakash

iii. Prof. Pulin B. Nayak

iv. Prof. Kumar Ravi Priya

v. Prof. Rajni Ranjan Jha

vi. Prof. Kaushal Kishore

vii. Dr. Ajith Jha (Editor, India Today, New Delhi)

viii. Prof. U.C. Vashisht (Dept. of Education, LucknowUniversity)

ix. Dr. Prem Narayan Singh, Prof. Department of Education, S.S.V.V Varanasi

x. Dr. Sunil Kumar Singh, Faculty of Education, B. H. U., Varanasi

6. Members/fellowship of professional/academic bodies/ editorial board

Prof Arbind Kumar Jha

i. Member, Indian Association of Teacher Education

ii. Member, Council for Teacher Education (CTE)

iii. Member, Global Educational Research Association (GERA)

iv. Member, All India Association for Educational Research (AIAER)

v. Member, Council of Teacher Education

vi. Member, National Association of Psychology

vii. Member, ICPR

viii. Member, CSC

ix. Member, JCER

x. Member, EnPress Publisher Editorial Board USA

Dr Harishankar Singh

i. Member, All India Association for Educational Research (AIAER)

ii. Member, Council for Teacher Education (CTE)

iii. Member, Global Educational Research Association (GERA)

iv. Member, IPERA

v. Member, PPCRA

vi. Member, PLAI

Dr. Victoria Susan Ijjina

i. Life Member, All India Association for Educational Research (AIAER)

ii. Life Member, Indian Association of Teacher Education (IATE)

Dr. Shanu Singh

i. Tabeer Foundation – An NGO for Academic promotion)

ii. Inner Wheel Club 'VIDUSHI' – An NGO working towards upliftment of schools unprivileged & Children

Dr. Sangeeta Chauhan

i. Life Member, Association of Indian Universities

ii. Life Member, All India Association of Educational Research (AIAER)

Dr. Rajesh Ekka

i. All India Association for Educational Research (AIAER)

ii. Indian Association of Teacher Educators (IATE)

Dr. Lalima

i. Life Member, Learning Community

Dr. Subhash Misra

i. All India Association for Educational Research (AIAER)

ii. Indian Association of Teacher Education (IATE)

Dr Vivek Nath Tripathi

i. Member, National Executive Members of Indian Association of Teacher Education

ii. Life Member, AllIndia Association ofTeacher Education (I.A.T.E.) -

iii. Life Member, All India Association of Educational Research (A.I.A.E.R.) –

iv. Life Member, Council of Teacher Education (C.T. E.)

v. Life Member, S.R.S.D . Memorial Shiksha Shodh Sansthan (Agra) –Research Advisory Committee (Central University Tripura,Agrtala)

vi. Member ofI.Q.A.C. J. R. H. University Chitrkoot (U.P)

vii. Member of I.Q.A.C Department of Education as (Working Group) , H.P.University Shimla

viii. Life Member, Member of Indian Science Congress

5. Details of Book written/edited by faculty Member:

Prof Arbind Kumar Jha

Jha, A.K. & Dawson P. (2019), Teaching Learning in Higher Education in India and Australia, Sydney: Routtedge.

6. Details of Book chapter in edited volume:

i. Jha, A.K. & Dawson P. (2019).Teaching Learning in Higher Education in India and Australia. Sydney:Routledge

ii. Susan,I.V. and Suman, S (2019). Artificial Intelligence: The Next Generation Student Education. In Smita, S *Impact of Advanced Technology on Education System.* Gaziabad: Swaranjali Publication. 122-124p. (ISBN: 9789388838030)

iii. Chauhan, S. (2018). Opinion of university students on humane and reflective teaching practices in edited book titled Paramount skills in teacher education for the modern epoch, Dr. p. mallapparaj, Maduri: Srimeenakshi publications. 978-93-86568-35-9

iv. Subhash Misra(2019). Book Chapter titled "Cognitive Development and Classroom learning" in edited book titled "Learner and Learning Process" Edited by Kalhotra & Malik , Published by Maxford Books, Delhi-ISBN No. 978-81-8116-236-6

v. Subhash Misra(2019). Book Chapter titled "Conservation, Preservation and Protection of Rich Environmental Heritage: Initiatives and Governmental Policies with Reference to India and Abroad" in Edited Book titled "Environmental Education" by Dr. Sudeshna Lahiri, Kolkata, India & Published by Studera Press, New Delhi. ISBN.978-93-85883-69-9

7. Paper published during the year by the faculty members

Prof. Arbind Kumar Jha

i. Tiwari, S. K. & Jha, K.A. (2019) . Divyango ke Prati Shaikshnic dhrishti kon ke adhar par Hindi filmonka adhyan. Bharathiya Adhunik Shiksha, 39(3), 47-55.

Dr. Harishankar Singh

ii. Singh, H.S. (2018). Personality Dimensions of a Teacher with reference to its Morale. *Fundamental Research. 9-12.*

iii. Singh, g & Singh H.S. (2018). Learning Objectives in Evaluation System. *Fundamental Research. 32-34.*

iv. Rakshe,M.V. & Singh, H.S.(2018) A Study of Problem related to Courtship-Sex and Marriage of High School Students. *American International Journal of Research in Humanities, Arts and Social Sciences* (P. 121-123)

v. Rakshe,M.V. & Singh, H.S.(2018) "Problem of High School Students: A Literature Review" *Journal of Scientific &Technological Research* (P.45-48)

Dr. Victoria Susan Ijjina

vi. Susan, V. I (2018). Effect of Patriotic Exposure in the Development of Patriotic Spirit in Secondary School Students - An Experimental Study. *International Journal of Creative Research Thoughts, 6(2),* 1903-1906. (ISSN: 2320-2882)

vii. Susan, V.I. and Suman, S (2019). Role of Leadership: Awareness and Acceptance of Innovative Learning Strategies among Teacher Trainees. *International Journal of Scientific Research and Development,*

*7(3).*383-386. *(*ISSN: 2321-0613)

viii. Susan, V. I (2019). Teachers Perceptions on the Effectiveness of Use of Advanced Educational Technology Tools. *Sanshodhan Chetana, 8(1),* 16-22. (ISSN: 2319-5525) (UGC Approval No: 63299)

Dr. Subhash Mishra

ix. Dr. Subhash Misra, (2018) .Aatmonnati Ke Ek Shasakt madhyam Ke ruup men "Yog" kee Prampara Avam Vartmaan Pariprekshya Men Jaanbhagidaari ka Prayas,2018, Sodh Sarita, ISSN.23482397, Vo.04, Issue14(2). (UGC-CARE listed Journal)

x. Yugal Kishore & Dr. Subhash Misra(2018). Factors affecting Access and Participation in Senior Secondary Education in Sikkim, 2018, Sodh Sarita, ISSN.23482397, Vo.04, Issue15. (UGC-CARE listed Journal)

xi. Rahul Balmiki & Dr. Subhash Misra,(2018) Perception of Teachers' Towards Right To Education Act-2009 in Government Secondary Schools of Sikkim, Sodh Sarita ISSN.23482397, Vo.04, Issue16,2018. (UGC-CARE listed Journal)

xii. Rahul Balmiki & Dr. Subhash Misra,(2019) ICT Embedded Education: A Tool of Imparting Education For Sustainable Development, Sodh Sarita, ISSN.23482397, Vo.06, Issue21,2019. (UGC-CARE listed Journal)

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

Dr. Victoria Susan Ijjina

i. Presented a paper on "Impact of Advanced Technology on Education System" at Telangana State Science Congress organized by NIT Warangal, Telangana, during 22nd to 24th December 2018.

ii. Presented a paper on "Innovative Teaching Learning Strategies in Teacher Education: A Study" at National Seminar on "52nd Annual Conference of IATE India Teacher Education at Crossroads: Whitherto" organized by Dept. Of Education, Rohilkhand Univesity, Bareilly during 15th – 17th Feb 2019

iii. Presented a paper on "Challenges and Issues of Higher Education in India" at National Seminar on "Policy Perspectives and Emerging Issues in Higher Education" organized by Dept of Edn, BBAU, LKO during 23rd -24th Feb 2019

iv. Presented a paper on "Vision of Dr. B.R. Ambedkar towards Education" at ICSSR sponsored National Seminar on "Dr. B.R. Ambedkar's Vision on Social Inclusion" organized by CSSEIP, BHU, Varanasi during 2nd March 2019.

v. Presented a paper on "Ethical Issues in Social Science Research" at National Seminar on "Ethics in Research in the Era of Digitization" organized by Gautam Buddha Degree College, Lucknow during 28th April, 2019

vi. Presented a paper on "Artificial Intelligence and Education" at National Seminar on "RAMES" organized by NIT Warangal, during 26-28 June 2018.

vii. Participated online in ARPIT "Refresher Course on Educational Planning and Administration" by National Institute of Educational Planning and Administration(NIEPA), New Delhi during 1st November 2018 to 28 February 2019

viii. Participated in "Online Course on Action

Research in Education" by National Council of Educational Research and Training (NCERT), New Delhi during 30th November 2018 to 30th March 2019

ix. Attended Faculty Development Programme (FDP) on "Current Trends in Teaching Methods and Strategies in Higher Education" by Teaching Learning Centre (TLC),PMMMNMTT, National Institute of Technology (NIT), Warangal during 28th January 2019 to 02nd February 2019

x. Participated in MOOC course with E certification on "What Future for Education" by UCL Institute of Education, University of London during 01st September 2018 to 17th November, 2018.

Dr. Sangeeta Chauhan

xi. Presented a paper titled Social Justice in India at International Seminar on Social Justice and Development at Dept of Political Science, DeenDayalUpadhyay Government PG College, Saidabad, Prayagraj 23rd -24th February 2019

xii. Presented a paper titled "Current Issues and Challenges of Libraries" in International Conference on Rejuvenating Libraries in Modern Society at Department of Library and Information Science, BBAU

xiii. Presented a paper titled "Psychological problems during menstruation and education" at International Conference on Satatmahilaswasthyakepariprekshya me rajodharmkivarjanakavivechan at Maharaja BijliPasi Govt. PG College, Aashiana, Lucknow on 1st & 2nd February 2019

xiv. Presented a paper titled "Educational unemployment and cashless economy" at National Seminar on Cash to cashless economy: challenges and opportunities at Mahamaya Govt. Degree College, Mohana, Lucknow at 9th and 10th February 2019

xv. Presented a paper titled "Quality assessment in higher education" at National Seminar on Evaluation in higher education in 21st century at Iswar Saran PG College, University of Allahabad 14 and 15 February 2019.

xvi. Attended Refresher Course at UGC HRDC University of Lucknow from 10/12/2018 to 31/12/2018

Dr. Lalima

xvii. Presented a paper on "Women Empowerment : Economic and Social aspects" in a National Seminar on Paradigm shift of the Indian Economy-New Growth forces with greater Inclusiveness at Dr. Shanker dayal Sharma Institute of Democracy, University of Lucknow, 2019

xviii. Presented a paper on "Role of higher education in women empowerment" in a National Seminar on Policy perspectives and emerging issues in higher education, at BBAU, 2019

xix. Attended Orientation Programme at UGC HRDC University of Lucknow from 22nd October 2018 to 20th November 2018

Dr. Subhash Mishra

xx. Paper presented titled "Emerging Issues in Higher Education", in a National Seminar on Policy perspectives and Emerging Issues on Higher Education , 23-24 February 19, BBAU, Lucknow

xxi. Paper Presented on the title-" Amrit Lal Nagar Ke Katha Lok Ki Shaikshik Upadeyta" in a National Seminar, Jointly

organized by Mahatma Gandhi Antarrashtriy Hindi Vishvavidyalaya and Departemt of Hindi, BBAU, Lucknow on 17th -18th February 2019.

xxii. Chaired a technical session in one day National Seminar on Impact of Advance Technology on Education System orgnaised by SEARCH FOUNDATIONon October 28,2018.

xxiii. Paper Presented on the title-" Atal Bihari Bajpayee Ka Vyaktitva Avam Krititva" in a Nationa Seminar Organised By Akhil Bhariya Sahity Parisha & BBAU, Lucknow, Sponsored by Uttar-Pradesh Bhasha Sansthan, Lucknow on October,21, 2018.

xxiv. Paper presented on the title-" Shiksha Men Bharat Bodh", in an International Seminar organized by Department of Hindi on " Sahity Men Bharat Bodh" from 27-28th March2018

xxv. Attended Orientation Programme at UGC-HRDC, University of Lucknow, Lucknow from 03.07.2018 to 31.03.2018.

xxvi. Refresher Course Completed –through SWAYAM-ARPIT, organized by Central University of South Bihar-March2019

Dr. Vivek Nath Tripathi

xxvii. Presented a paper titled "Is there need of New Education Policy" in National Seminar Policy Perspectives and Emerging Issues in Higher Education" at Department of Education, BBAU on 23rd -24th February 2019

xxviii. Presented a paper titled "Quality Concerns in Higher Education" in National Seminar Policy Perspectives and Emerging Issues in Higher Education" at Department of Education, BBAU on 23rd -24th February 2019

xxix. Presented a paper titled "Computer Self Efficacy among Trained Graduate teachers in relation to Gender, Locality of the School and Stream of Teaching" in National Seminar on Re- Envisioning Education: Challenges and Opportunities Lovely Professonal University (Punjab) 28th April 2018

xxx. Presented a paper titled "Impact of Digital Learning on Thinking" in national seminar on Digital Learning Opportunities and Challenges in Higher Education NSDLOCHEI_18at B.S.NV.PostGrduate College, Lucknow May-5 2018

9. Details of invited lecture inside the country:

Prof. Arbind Kumar Jha

i. Delivered an invited lecture on "Epistemological and Ontological Paradigms of Social Science Research" at Indira Gandhi National Tribal university, Amarkantak on 30th April 2018

ii. Delivered an invited lecture on "Narrative Inquiry as Research Method" at UGC-HRDC Kumaun University 16th April 2018

iii. Delivered an invited lecture "Approaches to Curriculum Development" at FDC Banasthali Vidyapeeth on 2nd May 2018

iv. Delivered an invited lecture "Philosophical and Psychological Bases of Curriculum Development" at FDC Banasthali Vidyapeeth on 2nd May 2018

v. Delivered an invited lecture "Curriculum Modes" at FDC Banasthali Vidyapeeth on 3rd May 2018

vi. Delivered an invited lecture "Epistemological and Ontological Paradigms of Social Science Research" at

Department of Human Rights, BBAU, Lucknow on 27th April 2018.

vii. Delivered an invited lecture " Constructivist Epistemology and Pedagogy", at Department of Education, BSSS Bhopal on 1st February 2019

viii. Delivered an invited lecture on "Ganithiya Kaksha ki samskrithi ek vishleshan" at CIE Delhi, 11th October 2018.

ix. Delivered an invited lecture on "Justice as a Democratic Ideal: Actualizing different and differing voices" Department of Political Science, Lucknow University, 27th April 2019

x. Delivered an invited lecture on "Managing Stress" at TLC, SLBSRSV, New Delhi on 8th February 2019

xi. Delivered an invited lecture on "Managing Time" at TLC, SLBSRSV, New Delhi on 9th February 2019

xii. Delivered an invited lecture on "Organizational Approach to Manage Time and Stress" at TLC, SLBSRSV, New Delhi on 9th February 2019

Dr. Victoria Susan Ijjina

xiii. Delivered an invited lecture on "Pedagogical Excellence for Sustainable Development" at PMMMNMTT National Seminar on "Innovations in Education for Sustainable Development" (NSIESD 2019) organized by The Gandhigram Rural Institute, Tamil Nadu during 17th and 18th January 2019.

xiv. Delivered an invited lecture on "Significance of Dr. B. R. Ambedkar's Vision of Education for today and tomorrow" at National Seminar on " Ambedkarism: An Overview" organized by Centre for Dr. Ambedkar Chair, Acharya Nagarjuna University, Andhra Pradesh during 19th and 20th March 2019.

10. Students Achievements

Activity	Level	Participants
Chess (boys) Competition in Annual Sports Festival of the University	University level 2018-19	10
Football(boys) Competition in Annual Sports Festival of the University	University level 2018-19	04
Volleyball(boys) Competition in Annual Sports Festival of the University	University level 2018-19	05

Student Participation and Activities

Year	Name of the award/ medal	National/ Interna-tional	Sports	Cultural/ Other	Student ID num-ber	Name of the student
2019	1st Prize	University Level	-Long Jump	University Level Cultural	-	Meenarakshi
	1st Prize	University Level	400 mtr Run		-	Priyankamishra
	1st Prize	University Level	Discuss Throw Essay writing			Rajesh rana Trisha Meghani
2018	Consola-tion Prize	University Level	-		-	
2018	3rd Prize	University Level	-Chess Poster		-	ShubhamTiwari SandeepBharti
	3rd Prize 2nd Position	University Level	Khokho Girl Basketball			Ananya Mishra Aayusi Neha Rani Gaund Jagpritkau

I. Faculty Wise Supervision of Ph.D. Degree awarded/submitted and pursuing

Faculty	Awarded	Submitted	Pursuing
Prof. Arbind Kumar Jha			03
Dr. Harishankar Singh		02	01
Dr. Victoria Susan Ijjina			01
Dr. Sangeeta Chauhan			01
Dr. Rajesh Ekka			01
Dr. Lalima			01
Dr. Subhash Mishra			01
Dr. Vivek Nath Tripathi			01

II. Faculty Wise Supervision of M.Phil. Degree awarded/submitted and pursuing

Faculty	Awarded	Submitted	Pursuing
Prof. Arbind Kumar Jha			01
Dr. Harishankar Singh			01
Dr. Victoria Susan Ijjina			01
Dr. Sangeeta Chauhan			01
Dr. Rajesh Ekka			01
Dr. Lalima			01
Dr. Subhash Mishra			01
Dr. Vivek Nath Tripathi			01

III. Accomplishments of Students

Debate, elocution, Singing competition, Drawing & Painting competition, Plantation, Visit educational institution, Workshops, Sports, Cultural programs, Drama and Art, Craft work workshops, Awareness programs, Old age & Orphanage home visit, Community visits, Gardening & Swachh Bharat Abhiyan, Educational Film Viewing and its review etc.

IV. Future Plan

i. Organizing seminars, conferences and workshops

ii. Organizing Research Methodology workshops for research scholars and newly recruited teachers

iii. Seeking Research Projects grant from ICSSR and other National level funding agencies.

iv. Starting Placement and Recruitment cell for B.Ed. students

v. Starting M.Ed. course from 2019-2020

vi. Organizing workshops for school and college level principals for Academic Leadership Training

vii. To start collaboration with different national level bodies like NEUPA, AIU, NCERT and different NGO's working in the field of Education

भाषा एवं साहित्य विद्यापीठ

भाषा एवं साहित्य विद्यापीठ

परिचयः 2013 में स्थापित हिन्दी विभाग, भाषा एवं साहित्य के क्षेत्र में शिक्षण के पाठ्यक्रम संचालित करता है। बाबासाहेब के स्वप्नों एवं आदर्शों के अनुरूप ही विभाग ने साहित्य–शिक्षण–दर्शन को अंगीकार किया है। अंतर–अनुशासनिक अध्ययनों की प्रासंगिकता देखते हुए विभाग ने परा–स्नातक पाठ्यक्रम को नितांत नया रूप दिया है, उसमें राष्ट्रीय संस्कृति एवं वैचारिकी को गहराई से समावेशित किया है तथा उसे वैश्विक रूप देने की भी कोशिश की है। विभाग हिन्दी पत्रकारिता में स्नातकोत्तर डिप्लोमा (एक वर्षीय, स्ववित्तपोषित) पाठ्यक्रम भी संचालित करता है जो छात्रों को मीडिया क्षेत्र में रोजगार के अवसर प्रदान करता है। विभाग में शोधपरक पाठ्यक्रम भी संचालित हो रहे हैं। वर्तमान में विभाग केंद्रीय पुस्तकालय के पूर्णतया वातानुकूलित द्वितीय तल पर स्थिति है तथा पांच स्थाई शिक्षक उसमें नियुक्त हैं।

विगत वर्ष में विभाग में 7 राष्ट्रीय संगोष्ठियाँ संपन्न हुई हैं तथा एक अंतर्राष्ट्रीय सेमिनार का आयोजन भी किया गया है। विविध साहित्यकारों की स्मृति में लगभग 11 व्याख्यान भी विभाग ने सम्पन्न किये हैं। NCERT के सहयोग से ई–पाठ निर्माण हेतु एक कार्यशाला का आयोजन भी संपन्न हुआ है। विभाग के आयोजनों में उप्र के माननीय मुख्यमंत्री आदित्यनाथ, माननीय राज्यपाल राम नाईक,उपन्यासकार चित्र मुद्गल, फिल्मकार अद्वैता काला आदि प्रभृत विद्वानों ने शिरकत किया है। विभाग ने साहित्य महोत्सव 'शब्द रंग' का भी एक विशाल आयोजन किया है जो देश भर में लोकप्रिय हुआ एवं ट्विटर पर टाप 5 में ट्रेंड किया। उप्र भाषा संस्थान के साथ विभाग कई नवीन साहित्यिक–सांस्कृतिक विजन के साथ संलग्न है। विभाग के अध्यक्ष डॉ. सर्वेश सिंह को उप्र सरकार का प्रतिष्ठित 'शब्द शिल्पी' सम्मान भी इसी दौरान उप मुख्यमंत्री दिनेश शर्मा जी से प्राप्त हुआ है।

विभाग ने विगत वर्ष से ही अकादमिक शोध की दिशा में कदम बढाने शुरू किये हैं। विभाग के सभी छात्र यूजीसी नेट/जेआरएफ हैं तथा वे सामयिक ज्वलंत विषयों पर शोध कर रहे हैं। विभाग में दो अंतर्राष्ट्रीय छात्राएं (थाईलैंड) भी शोधरत हैं।

1. Courses Offered

i. एम.ए. हिन्दी

ii. पी.जी. डिप्लोमा–हिन्दी पत्रकारिता

iii. एम.फिल.–हिन्दी

iv. पीएच.डी.–हिन्दी

2. Facilities available in the Department

i.	Classrooms	03
ii.	Classrooms with LCD facilities	02
iii.	Classrooms with WiFi/LAN	03

3. Details of Faculty:-

1. डॉ. सर्वेश कुमार सिंह

सह आचार्य एवं अध्यक्ष

i. जे.एन.यू. नई दिल्ली से एम.ए., एम.फिल. और पीएच.डी.

ii. पूर्व– अध्यक्ष, हिंदी विभाग, डीएवी पीजी कॉलेज, बीएचयू वाराणसी

iii. पूर्व–प्राचार्य, जे.एन.डी.सी. महाविद्यालय बांसगांव,गोरखपुर.

iv. पूर्व 'प्रोजेक्ट–फेलो', डी.एस.ए., हिंदी विभाग, इलाहाबाद वि.वि.

v. 'Associate & fellow', भारतीय उच्च अध्ययन संस्थान, शिमला.

vi. पूर्व–सहायक आचार्य, केंद्रीय बौद्ध अध्ययन संस्थान, लेह, लद्दाख

vii. प्रकाशित शोध लेख –– 43, आमंत्रित व्याख्यान–20, सेमिनार–50, पुस्तक– 5, अध्याय–7

viii. कहानी 'ज्ञानक्षेत्रे–कुरुक्षेत्रे' नाट्य रूप मे मंचित

ix. पत्रिका– 'प्रभा' का संपादन

x. पुस्तकें– निर्मल वर्मा की कथा भाषा, साहित्य की आत्म सत्ता, आलोचक का स्वप्न,

xi. काव्य–संग्रह– पत्थरों के दिल में

xii. पुरस्कार–

xiii. 'सीताराम शास्त्री आलोचना सम्मान–2016',

xiv. 'शब्द शिल्पी सम्मान–2018' (उ.प्र.भाषा संस्थान)

2. डॉ. बलजीत कुमार श्रीवास्तव

सहायक आचार्य

i. एम.ए., पीएच.डी., लखनऊ विश्वविद्यालय

ii. यू.जी.सी. की NET अर्हता

iii. प्रकाशित पुस्तक – 01

iv. प्रकाशित लेख –42

v. राष्ट्रीय एवं अंतर–राष्ट्रीय सेमिनार में प्रतिभागिता –85

vi. विशेषज्ञता– लोक साहित्य, पत्रकारिता,

vii. सदस्य– डीआरसी, बीपीजीएस

3. डॉ. शिवशंकर यादव

सहायक आचार्य

i. एम.ए., पीएच.डी., लखनऊ विश्वविद्यालय

ii. यू.जी.सी. की NET अर्हता

iii. प्रकाशित पुस्तक – 01

iv. प्रकाशित लेख –27

v. राष्ट्रीय एवं अंतर–राष्ट्रीय सेमिनार में प्रतिभागिता –20

vi. आमंत्रित व्याख्यान –2

vii. विशेषज्ञता– भाषा विज्ञान, हिंदी पत्रकारिता, साहित्य का इतिहास

viii. संयोजक–युवान, परीक्षा

4. डा. नमिता जैसल

सहायक आचार्य

i. पीएच.डी., बीएचयू

ii. यू.जी.सी. की NET अर्हता

iii. प्रकाशित पुस्तक/अध्याय – 01

iv. प्रकाशित लेख – 21

v. राष्ट्रीय एवं अंतर–राष्ट्रीय सेमिनार में प्रतिभागिता – 20

vi. विशेषज्ञता– हिंदी नाटक

vii. संपादक– विभावना, वार्डेन

5. डॉ. प्रीति राय

सहायक आचार्य

i. एम.ए., पीएच.डी., बीएचयू

ii. यू.जी.सी. की JRF अर्हता

iii. प्रकाशित पुस्तकध्अध्याय – 01

iv. प्रकाशित लेख . 24

v. आमंत्रित व्याख्यान–1

vi. राष्ट्रीय एवं अंतर–राष्ट्रीय सेमिनार में प्रतिभागिता – 25

vii. विशेषज्ञता– कथा साहित्य

viii. टाइम टेबल समन्वयक, वार्डेन

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

क्र.स.	राष्ट्रीय/अंतर्राष्ट्रीय	विषय	तिथि	स्थान
1	राष्ट्रीय	शब्द-रंग (साहित्य महोत्सव)	26-28 नवम्बर 2018	बीबीएयू/लोहिया विधि विवि
2	राष्ट्रीय	हिंदी तथा अन्य भारतीय भाषाओं में राष्ट्र समाज एवं संस्कृति	18-19 जनवरी 2018	बीबीएयू, लखनऊ
3	अंतर्राष्ट्रीय	साहित्य में भारत बोध	27-28 मार्च 2018	बीबीएयू, लखनऊ
4	राष्ट्रीय	अटल बिहारी बाजपेयी : चिंतन एवं संवाद	21 अक्टूबर 2018	बीबीएयू, लखनऊ

क्र.स.	राष्ट्रीय/अंतर्राष्ट्रीय	विषय	तिथि	स्थान
5	राष्ट्रीय	अमृतलाल लाल नागर : कथा लोक और लोक भाषा	17-18 फरवरी 2019	बीबीएयू, लखनऊ
6	राष्ट्रीय कार्यशाला	हिंदी भाषा में ई-सामग्री का विकास	1-4 जनवरी 2019	बीबीएयू, लखनऊ
7	राष्ट्रीय	अम्बेडकर और समकालीन हिंदी साहित्य : प्रभाव और चुनौतियाँ	10 जनवरी 2019	बीबीएयू, लखनऊ
8	राष्ट्रीय	छायावाद के सौ वर्ष : साहित्य और मातृभूमि	28 मार्च 2019	बीबीएयू, लखनऊ

5. Other Departmental level Academic activities

स्मृति व्याख्यान

i. तुलसी स्मृति व्याख्यान. भक्ति काल और तुलसीदास, प्रो. अवधेश कुमार, MGAHU, वर्धा, 09–02–2019

ii. तुलसी स्मृति व्याख्यान – तुलसी काव्यः नारी सृष्टि, प्रो. जे.एन. पाण्डेय, लखनऊ विश्वविद्यालय, 13–03–2018

iii. जायसी स्मृति व्याख्यान – 21 वीं सदी में जायसी की कविता, प्रो. मनोज सिंह, बीएचयू, 13–08–2018

iv. गांधी स्मृति व्याख्यान– गांधी का जीवन दर्शन, प्रो. रविकांत, लखनऊ विश्वविद्यालय, 27–03–2018

v. डॉ.सर्वपल्ली राधाकृष्णन स्मृति 'शिक्षक दिवस व्याख्यान–, घनश्याम साही, 05–09–2018

vi. आ. रामचंद्र शुक्ल स्मृति व्याख्यान– हिंदी साहित्य का इतिहास लेखन रू काल विभाजन, प्रो. अवधेश कुमार, MGAHU, वर्धा, 23–02–2018

vii. हरिवंशराय बच्चन स्मृति व्याख्यान– डॉ. प्रीति चौधरी, बीबीएयू, 27–11–2017

viii. समकालीन मीडिया और सिनेमा, प्रो.आलोक पाण्डेय, हैदराबाद विवि, 25–09–2018

ix. काव्य के लक्षण और रस के सिद्धांत . प्रो. अवधेश कुमार MGAHU, वर्धा, 18–04–20189

x. आधुनिक काल की पृष्ठभूमि, डॉ. डी.पी. सिंह, केरल विश्वविद्यालय, 13–5–2019

xi. हिंदी आलोचना और मैथिलीशरण गुप्त, प्रो.सुधीर प्रताप सिंह, जेएनयू, दिल्ली 01–08–2019

7. Co-curricular/Extra-curricular/Sports Activities by the Department:-

हिंदी क्वेस्ट, सिने पाठ, स्मृति व्याख्यान, वृक्षारोपण, फेयरवेल, शिक्षक दिवस जयंती

8. Visitors of Department from inside the country:-

i. श्री योगी आदित्यनाथ (मुख्यमंत्री,उप्र),

ii. श्री राम नाईक (राज्यपाल, उप्र)

iii. श्री दिनेश शर्मा (उप मुख्यमंत्री,उप्र)

iv. श्री अशोक बाजपेयी (राज्य सभा सांसद)

v. श्री सूर्यप्रसाद दीक्षित, आलोचक,

vi. श्री राजनारायण शुक्ल, अध्यक्ष उप्र भाषा संस्थान,

vii. सुश्री अद्वैता काला, पटकथा लेखिका

viii. श्रीनिवास जी,

ix. श्री गोपाल प्रधान, डीयू

x. श्री बजरंग बिहारी तिवारी, डीयू

xi. चित्रा मुद्गल, उपन्यासकार

xii. कुलपति श्री गिरीश्वर मिश्र, वर्धा

xiii. श्री सदानंद प्रसाद गुप्त, अध्यक्ष,उप्र हिंदी संस्थान प्रो0 मनोज सिंह, हिन्दी विभाग बनारस हिन्दू विश्वविद्यालय, वाराणसी

xiv. श्री घनश्याम शाही प्रांत संगठन मंत्री अखिल भारतीय विद्यार्थी परिषद

xv. प्रो0 आलोक पाण्डेय, हैदराबाद विश्वविद्यालय, हैदराबाद

xvi. प्रो0 राणा सिंह, पर्यावरण विज्ञान विभाग, बी.बी.ए.यू.

xvii. प्रो0 अवधेश कुमार आचार्य, हिन्दी एवं तुलनात्मक साहित्य विभाग, महात्मा गाँधी अंतरराष्ट्रीय हिन्दी विष्वविद्यालय, वर्धा, महाराष्ट्र

xviii. प्रो0 अवधेश कुमार आचार्य, हिन्दी एवं तुलनात्मक साहित्य विभाग, महात्मा गाँधी अंतरराष्ट्रीय हिन्दी विष्वविद्यालय, वर्धा, महाराष्ट्र।

9. Visitors of Department from Outside the country:-

1. सुश्री मारग्रेट, कनाडा
2. सुरेश ऋतुपर्ण, जापान
3. गंगा प्रसाद शर्मा, चीन

10. Members/Fellowship of professional/Academic bodies/ editorial board:

1. डॉ. सर्वेश सिंह

- संपादन मंडल– अनन्य एवं साहित्य वर्तिका
- सदस्य, अकादमिक काउन्सिल,बीबीएयू

2. डॉ– बलजीत कुमार श्रीवास्तव

- सदस्य– स्कूल बोर्ड, SLL,बीबीएयू

3. डॉ– शिवशंकर यादव

- सदस्य– BPGS, हिंदी विभाग,बीबीएयू
- सदस्य, BOS, चिश्ती विवि, लखनऊ

11. Details of Books written/edited by faculty members:

डॉ.सर्वेश सिंह

1. आलोचक का स्वप्न, प्रतिश्रुति प्रकाशन, कोलकाता, 2018, 9 78–9 3–83772–57–5

डॉ. बलजीत कुमार श्रीवास्तव

2. भारतीय वैश्विक विचारक ('Indian global thinker' का हिंदी अनुवाद), 2018, 978–81–932605–7–9
3. मसान भैरवी, नाट्नल, 2019, 978–93–87621–21–3

12. Details of Book Chapter in edited volume:

डॉ. बलजीत कुमार श्रीवास्तव

i. अवधी लोक वांग्मय के अन्वेषक, सेवांग निरूपक आचार्य दीक्षित, 978–81–924–227–5

ii. हिंदी साहित्य के विकास में जैन आचार्यों का योगदान, जैन विद्या 2019,

13. Paper Published during the year by the faculty members:

डॉ.सर्वेश सिंह

1. हिंदी कथा और भारतीय संस्ति, साहित्य भारती, दिसंबर 2018, ISSN– 2455–1309
2. आ.रामचंद्र शुक्ल और रामचरितमानस, साहित्य भारती, मार्च 2018, ISSN–2455–1309
3. निर्मल वर्मा की साहित्य सृष्टि, हिंदी समय, 2019, ISSN– 2394–6687, UGC No. 41485
4. आधुनिक कथा भाषा, हिंदी समय, अप्रैल 2019, ISSN– 2394–6687, UGC No. 41485
5. निर्मल वर्मा की साहित्य ष्टि, साहित्य भारती, मार्च 2019, ISSN– 2455–1309
6. बहुरि बंद खल गन सत भाये, शोध धारा,मार्च 2019, ISSN– 0975–3664, UGC No, 41386
7. भाषा का विचलनः भीष्म साहनी, शोध धारा,जून 2019, ISSN– 0975–3664, UGC No– 41386

डॉ. बलजीत कुमार श्रीवास्तव

क्र. स.	शीर्षक / पृ. स.	शोध पत्रिका	ISSN	वर्ष
1	विश्वभाषा के रूप में	हिन्दी प्रवासी जगत	2581–6985	अक्टूबर–दिस.–2018 अंक–3
2	कथेत्तर गद्य विधा–आत्मकथा और जीवनी	हिन्दी अनुशीलन पीयर रिव्यूड जर्नल	2249–930	सितम्बर–दिस0–2018 वर्ष–60, अंक–3–4
3	मारीशस में हिन्दी	प्रभास, उ0प्र0 भाषा संस्थान प्रवेशांक		अक्टूबर–दिस. 2018 वर्ष–1, अंक–1
4	लोक संस्कृति, लोक मूल्य और भारतीय पत्रकारिता	शोध धारा	0975-3664 UGC-41386	मार्च–2019 अंक–1
5	हिन्दी शोध के संभावित नवीन क्षेत्र	भावक	RNI/UPHN/2018/77043	जनवरी से मार्च 2019

डॉ. प्रीति राय

1. हिन्दी साहित्य में चित्रित किन्नर समाज : एक अध्ययन – आम्नायिकी, ISSN No. 2277-4270 UGC list No. 40786 वर्ष जनवरी–जून 2019
2. रीतिकाव्य का महत्व– नागरी पत्रिका ISSN No. 2348.0750 UGC list No. 41619
3. अंतिम अरण्य उपन्यास की समीक्षा–शोध सरिता जनवरी – मार्च 2019 ISSN No. 2348-2397 UGC list No. 48836

डॉ. नमिता जैसल

1. श्रंखला की कड़ियाँ और स्त्री संदर्भ – आम्नायिकी, ISSN No. 2277-4270 UGC list No. 40786 वर्ष जनवरी–जून 2019
2. प्रवासी साहित्य की अवधारणा एवं महत्व शोध, 2810 मार्च, सरिता 2348.2397, UGC list No 48836

1. Attended/participated in Conferences/ seminar/workshop inside Country:

डॉ.सर्वेश सिंह

1. संवेदनात्मक विकास में योग की भूमिका, yoga for health and beyond, बीबीएयू, 21 जून 2018
2. कथा में स्त्री, gender in higher education] बीबीएयू,लखनऊ, 8 मार्च 2018
3. स्वागत बीज वक्तव्य, शब्द रंग साहित्य महोत्सव, लोहिया विधि विवि, लखनऊ, 26–28 नवम्बर 2018
4. स्वागत बीज वक्तव्य, हिन्दी तथा अन्य भाषाओ में राष्ट्र समाज एवं संस्कृति, बीबीएयू, 18–19 जनवरी 2018
5. स्वागत बीज वक्तव्य, अटल बिहारी बाजपेयीः चिंतन और संवाद, बीबीएयू, 21 अक्तूबर 2018
6. स्वागत बीज वक्तव्य, अमृतलाल नागरः कथा लोक और लोक भाषा, बीबीएयू, 17–18 फरवरी 2019
7. स्वागत बीज वक्तव्य, हिन्दी भाषा में ई–सामग्री का विकास, बीबीएयू, 1–4 जनवरी 2019
8. स्वागत बीज वक्तव्य, आंबेडकर और समकालीन हिन्दी साहित्य रू प्रभाव और चुनौतियाँ, बीबीएयू, 10 जनवरी ।2019
9. स्वागत बीज वक्तव्य, साहित्य और मातृभूमि, बीबीएयू, 28 मार्च 2019

डॉ. बलजीत कुमार श्रीवास्तव

1. वक्तव्य, शब्द रंग साहित्य महोत्सव, लोहिया विधि विवि, लखनऊ, 26–28 नवम्बर 2018
2. वक्तव्य, हिन्दी तथा अन्य भाषाओ में राष्ट्र समाज एवं संस्कृति, बीबीएयू, 18–19 जनवरी 2018
3. वक्तव्य, अटल बिहारी बाजपेयीः चिंतन और संवाद, बीबीएयू, 21 अक्तूबर 2018
4. वक्तव्य, अमृतलाल नागर : कथा लोक और लोक भाषा, बीबीएयू, 17–18 फरवरी 2019
5. वक्तव्य , हिन्दी भाषा में ई–सामग्री का विकास, बीबीएयू, 1–4 जनवरी 2019
6. वक्तव्य, आंबेडकर और समकालीन हिन्दी साहित्य रू प्रभाव और चुनौतियाँ, बीबीएयू, 10 जनवरी 2019
7. वक्तव्य, साहित्य और मातृभूमि, बीबीएयू, 28 मार्च 2019

डॉ. प्रीति राय

1. राष्ट्रपिता महात्मा गाँधी के 150वें जयन्ती वर्ष के अवसर पर हिन्दी तथा आधुनिक भारतीय भाषा विभाग, लखनऊ विश्वविद्यालय, लखनऊ एवं उत्तर प्रदेश हिन्दी संस्थान, लखनऊ के संयुक्त तत्वावधान में आयोजित राष्ट्रीय संगोष्ठी विषयः महात्मा गाँधी और हिन्दी साहित्य
2. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर विष्वविद्यालय एवं अखिल भारतीय साहित्य परिषद् उ. प्र. द्वारा आयोजित राष्ट्रीय संगोष्ठी दिनाँक 21 अक्टूबर, 2018
3. विष्वविद्यालय अनुदान आयोग एच.आर.डी.सी., लखनऊ द्वारा आयोजित रिफ्रेशर कोर्स दिनाँक 12 नवम्बर से 05 दिसम्बर 2018
4. बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ के हिन्दी विभाग में एन.सी.आर.टी., नई दिल्ली द्वारा आयोजित राष्ट्रीय कार्यषाला विषयः 'हिन्दी भाषा एवं साहित्य के अध्ययन–अध्यापन हेतु माध्यमिक स्तर पर ई–सामाग्री का विकास' दिनाँक 01 से 04 जनवरी
5. भारतीय दार्शनिक अनुसंधान परिषदः नई दिल्ली, साहित्य अकादमी, नई दिल्ली, उत्तर प्रदेश हिन्दी संस्थान, लखनऊ, शिक्षा शास्त्र विभाग, महात्मा गांधी काषी विद्यापीठ, वाराणसी एवं विद्या श्री न्यास के संयुक्त तत्वावधान आयोजित राष्ट्रीय संगोष्ठी एवं

भारतीय लेखक–शिविर दिनाँक 13–14–15 जनवरी, 2019

6. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ एवं अन्तरराष्ट्रीय हिन्दी विश्वविद्यालय वर्धा, महाराष्ट्र के संयुक्त तत्वावधान में दिनाँक 17 एवं 18 फरवरी 2019 को ''अमृतलाल नागर कथा लोक और लोक भाषा'' विषय पर एक राष्ट्रीय संगोष्ठी
7. ग्रामीण प्रबंधन विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ द्वारा आयोजित राष्ट्रीय कार्यशाला दिनाँक 8 से 14 मार्च 2019
8. दिनाँक 28 मार्च 2019 को हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ द्वारा एक राष्ट्रीय संगोष्ठी
9. स्मृतितत्व विमर्श राष्ट्रीय कार्यशाला दिनाँक 06 से 22 जून, 2019 भारत अध्ययन केन्द्र अभिनव भवन, प्रथम तल, कला संकाय काशी हिन्दू विश्वविद्यालय, वाराणसी–221005

डॉ. नमिता जैसल

1. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय एवं अखिल भारतीय साहित्य परिषद् उ. प्र. द्वारा आयोजित राष्ट्रीय संगोष्ठी दिनाँक 21 अक्टूबर, 2018
2. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विष्वविद्यालय, लखनऊ राष्ट्रीय कलामंच एवं उ0 प्र0 भाषा संस्थान के संयुक्त तत्वावधान में दिनाँक 26–28 नवंबर 2018 को 'शब्द रंग' साहित्य महोत्सव
3. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ एवं अन्तरराष्ट्रीय हिन्दी विश्वविद्यालय वर्धा, महाराष्ट्र के संयुक्त तत्वावधान में दिनाँक 17 एवं 18 फरवरी 2019 को ''अमृतलाल नागर कथा लोक और लोक भाषा'' विषय पर एक राष्ट्रीय संगोष्ठी
4. हिन्दी तथा आधुनिक भारतीय भाषा विभाग, लखनऊ विश्वविद्यालय, लखनऊ एवं उत्तर प्रदेश जैन विद्या शोध संस्थान, लखनऊ के संयुक्त तत्वावधान में आयोजित राष्ट्रीय संगोष्ठी दिनाँक 23–24 फरवरी 2019 विषयः हिन्दी जैन साहित्य : परम्परा ओर सरोकार
5. बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ अंतरराष्ट्रीय महिला दिवस के अवसर पर एक दिवसीय संगोष्ठी विषय : ''समाज में महिलाओं की स्थिति एवं परिवर्तन के लिए नवाचार'' दिनाँक 8 मार्च 2019
6. दिनाँक 28 मार्च 2019 को हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ द्वारा एक राष्ट्रीय संगोष्ठी

डॉ यादव शिवशंकर

1. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर विष्वविद्यालय एवं अखिल भारतीय साहित्य परिषद् उ. प्र. द्वारा आयोजित राष्ट्रीय संगोष्ठी दिनाँक 21 अक्टूबर, 2018
2. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ राष्ट्रीय कलामंच एवं उ0 प्र0 भाषा संस्थान के संयुक्त तत्वावधान में दिनाँक 26–28 नवंबर 2018 को 'शब्द रंग' साहित्य महोत्सव
3. हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ एवं अन्तरराष्ट्रीय हिन्दी विश्वविद्यालय वर्धा, महाराष्ट्र के संयुक्त तत्वावधान में दिनाँक 17 एवं 18 फरवरी 2019 को ''अमृतलाल नागर कथा लोक और लोक भाषा'' विषय पर एक राष्ट्रीय संगोष्ठी
4. हिन्दी तथा आधुनिक भारतीय भाषा विभाग, लखनऊ विश्वविद्यालय, लखनऊ एवं उत्तर प्रदेश जैन विद्या शोध संस्थान, लखनऊ के संयुक्त तत्वावधान में आयोजित राष्ट्रीय संगोष्ठी दिनाँक 23–24 फरवरी 2019 विषयः हिन्दी जैन साहित्य : परम्परा ओर सरोकार
5. बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ अंतरराष्ट्रीय महिला दिवस के अवसर पर एक दिवसीय संगोष्ठी विषय : ''समाज में महिलाओं की स्थिति एवं परिवर्तन के लिए नवाचार'' दिनाँक 8 मार्च 2019
6. दिनाँक 28 मार्च 2019 को हिन्दी विभाग बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय, लखनऊ द्वारा एक राष्ट्रीय संगोष्ठी
7. भाषा शिक्षा और संविधान 23, लखनऊ KKC 2019
8. राष्ट्रपिता महात्मा गाँधी के 150वें जयन्ती वर्ष के अवसर पर 3 फरवरी 2019 को हिन्दी तथा आधुनिक भारतीय भाषा विभाग, लखनऊ विश्वविद्यालय, लखनऊ एवं उत्तर प्रदेश हिन्दी संस्थान, लखनऊ के संयुक्त तत्वावधान में आयोजित राष्ट्रीय संगोष्ठी विषयः महात्मा गाँधी और हिन्दी साहित्य

15. Details of invited lectures inside country:

डॉ. सर्वेश सिंह

1. निर्मल वर्मा का कथा गद्य एवं वर्मा निर्मल अज्ञेय, रमेश चन्द्र शााह के कथेतर गद्य हिंदी उ.प्र. 26, लखनऊ संस्थान जून 2018
2. Co-chair adress, policy perspective and emerging issues in higher education, education dept.,BBAU,23-24 feb 2019
3. मानस की नारी डेवलेपमेंट रिसोर्स ह्यूमन–यूजीसी, कथा राम में संदर्भ समकालीन, सेंटर 22, बीएचयू, फरवरी 2019

डॉ शिवशंकर यादव

1. शोध प्राविधि JNPGC, बाराबंकी 23.02.2019
2. हिंदी दिवस ICAR-CSSRI, 14 सितम्बर 2018

डॉ. बलजीत कुमार श्रीवास्तव

- केन्द्रीय हिन्दी संस्थान आगरा द्वारा 23–24 नवम्बर 2018 को स्वामी सहजानंद स्नातकोत्तर महाविद्यालय, गाजीपुर (उ0प्र0)

  विषय– वर्तमान समस्याएं : चुनौतियाँ और समाधान

  बीज वक्तव्य– वर्तमान वैश्विक परिप्रेक्ष्य में सांस्कृतिक राष्ट्रवाद की प्रासंगिकता

- 44वां अधिवेशन भारतीय हिन्दी परिषद द्वारा 7–8 दिसम्बर 2018 को बी.के. बिड़ला कला विज्ञान एवं वाणिज्य महाविद्यालय, कल्याण

  विषय– 21वीं सदी की कथेत्तर गद्य विधायें : दशा, दिषा और संभावनायें

  मुख्य वक्ता– हिन्दी की कथेत्तर गद्य विधायें : दशा, दिषा और संभावनायें

- उ0 प्र0 हिन्दी संस्थान लखनऊ, एवं उ0 प्र0 भाषा संस्थान, लखनऊ द्वारा 2–3 फरवरी 2019 को हिन्दी विभाग, लखनऊ विष्वविद्यालय, लखनऊ

  विषय– महात्मा गाँधी और हिन्दी साहित्य

  वक्तव्य– महात्मा गाँधी और हिन्दी पत्रकारिता

16. Details of National Awards/fellowship:

S.N.	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Dr. Sarvesh Singh	Shabad Shilpi	29-11-2018	Uttar Pradesh Bhasha Sansthan

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

डॉ. सर्वेश सिंह

1. समकालीन हिंदी उपन्यास कथा भाषा का विन्यास और विकास दिल्ली, नयी, यूजीसी

18. Students achievements:

i. Faculty wise supervision of the Ph.D degree awarded. NA

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

iii. Faculty wise supervision of the student pursuing Ph.D degree. 13

iv. Faculty wise supervision of the M.Phil degree awarded. NA

v. Faculty wise supervision of the M.Phil dissertation submitted. NA

vi. Faculty wise supervision of the pursuing M.Phil degree. NA

vii. Accomplishments of students

- Number of student completed their masters/graduation/Diploma. 16
- Number of student selected in civil services (UPSC/UPPSC). NIL
- Number of student pursuing higher studies. 20
- Number of student selected on other government jobs/banking/ school teaching etc. 02
- Number of students placed through campus interview NA
- Number of student awarded SLET/NET/JRF/any other fellowship 09

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

1. पूजा सिंह

शोध छात्र

पुस्तक में अध्याय

- हिन्दी आलोचना में युवा लेखन, वंदिता पब्लिसिंग हाउस बी 1/10, स्ट्रीट नं0 1 उत्तराखण्ड इन्क्लेव बुराड़ी दिल्ली– 110084 विशिष्टताबोध के कवि : विनोद कुमार शुक्ल ISBN No. 978.93.86661.005 वर्ष 2019 प्रथम संस्करण

2 सुश्री सरिता यादव

प्रकाशित शोध पत्र

- भोजपुरी लोकगीतों में स्त्री वेदना – आम्नायिकी, ISSN No. 2277.4270 UGC list No. 40786 वर्ष जनवरी–जून 2019
- कबीर के काव्य में प्रेमतत्व – अयन्, ISSN No. 2347.4491 वर्ष 2019
- संत साहित्य में भक्ति–भावना – द इटरनिटी शोध सरिता जनवरी – मार्च 2019 ISSN No. 0975. 8690 वर्ष जनवरी से मार्च 2018
- मन्नू भंडारी की कहानियों में स्त्री–जीवन के विविध आयाम–शोध सरिता ISSN No. 2348.2397 वर्ष जनवरी से मार्च 2019

20. Google profile of the faculty members, if available

डॉ. सर्वेश सिंह- https://scholar.google.com/citations?user=U2OMDggAAAAJ&hl=hi

CITATION-= 40

SCHOOL OF AGRICULTURAL SCIENCES & TECHNOLOGY (SAS&T)

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

Agriculture as a concept has grown as well. A decade or two back, it was associated solely with the production of basic crops (cereals, millets, pulses, oil crops, 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 with following departments.

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

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

For conducting experiments(Research trials), the department has two Horticultural

Research Farms and a state-of-the art Laboratory and Green House Structures of various types' viz. Fibre glasshouse, poly house, shade net house and wire net house. Besides this, Department organizes regular presentation of the students in term 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 production, productivity and quality. Recently, School of Agricultural Science and Technology (SAST) came in existence 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 the 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.

Courses offered/New Courses:

i. Ph.D. Horticulture

ii. M.Sc. (Ag.) Horticulture

iii. B. Voc. (Floriculture and Landscape Gardening)

1. Faculty Details

i. Dr. Sanjay Kumar

Professor

Qualification: M.Sc.(Ag.), Ph.D. Horticulture, **NET-ICAR**

Experience:20 Years

Specialization-Vegetable Science in Horticulture under Agricultural Sciences.

ii. Dr. R. B. Ram

Professor

Qualification: M.Sc. (Ag.), Ph.D. (Hort.), B.H.U

Experience:34 Years

Specialization: Fruit Science (Pomology) in Horticulture under Agriculture Sciences.

iii. Dr. Deepa H. Dwivedi

Professor

Qualification: M.Sc.(Ag.), Ph. D. (Hort.)

Research (R & D and Extension) and teaching experience- 19 years Approx

Specialization -Fruit Science (Pomology)

iv. Dr. M. L. Meena

Assistant Professor

Qualification: Ph.D.(Ag.) Horticulture (Vegetable Science, NET-ICAR

Experience: 16 Years

Specialization-Vegetable Breeding in Horticulture under Agricultural Sciences

iv. Dr. Sutanu Maji

Assistant Professor

Qualification: M.Sc.(Hort.), Ph. D. (Hort.) in Fruits & Orchard Management, NET-ASRB (ICAR)

Experience : 11 years

Specialization: Fruit Science (Horticulture)

v. Dr. Ravi Shankar Verma

Assistant Professor

Qualification: M.Sc. (Ag.), Ph.D., (Hort.), NET-ASRB (ICAR)

Experience: 04 Years

Specialization: Fruit Science (Pomology)

vi. Dr. Rubee Lata

Assistant Professor

Qualification: M.Sc. (Ag.) Horticulture, Ph.D. (Hort.), NET-ASRB (ICAR)

Experience:5.5 years (including Ph.D.)

Specialization: Production technology of Fruit crops and ornamentals crops

2. Members of Board/Committee (outside BBAU)

Prof. Sanjay Kumar

i. External Member, Faculty of Agriculture, Gorakhpur University, Gorakhpur

ii. Expert member on selection committee of U.P.P.S.C., Allahabad

iii. Member Board of Studies , U. P. Autonomous College, Varanasi (UP)

iv. Member of the Affiliation Committee of Sri Dev Suman Uttrakhand University, Uttrakhand

v. CTET Observer of CBSE, New Delhi

vi. Chairperson& Member of Selection Committee of KendriyaVidyalaya, Lucknow

vii. Society for Scientific and Social Development , Meerut

Prof. R. B. Ram

i. Expert member on selection committee of U.P.P.S.C., Allahabad

ii. Expert member on selection committee of U. P. Council of Agricultural Research, CIMAP and NBRI, Lucknow

iii. Expert member on selection committee of Institute of Co-operative & Corporate management, Research and Training, Indira Nagar, Lucknow

iv. Expert member on selection committee of Madan Mohan Malviya University of Engineering and Technology, Gorakhpur

v. Expert member in selection committee of Allahabad University, Allahabad

Prof. Deepa H. Dwivedi

i. Progressive Horticulture , ISHRD, Chaubatia, Ranikhet

ii. International Journal of Science, Technology and Society, BBA University, Lucknow

Dr. Sutanu Maji

i. Reviewer – International Journal of Plant and Soil, Environment Sustainability (Springer), Journal of Experimental Agriculture International, Advances in Research, Journal of Basic Microbiology, Journal of Agricultural Economics and Rural Development, Asian Research Journal of Agriculture,

ii. Editorial member- Journal of Crop and Weed

iii. Life member- International Society for Minor Fruits, Medicinal and Aromatic Plants, Sri Lanka

iv. Member, Internal Quality Assurance Cell (IQAC), Dept. of Horticulture

v. In-Charge, Laboratory, Deptt. of Horticulture

vi. Member Ph. D regulation committee BBAU,

vii. Member BUGS B Voc BBAU,

viii. Admission Committee Deptt. of Horticulture

ix. Editorial member, Journal of Crop and Weed

x. Life member, International Society for Minor Fruits, Medicinal and Aromatic Plants, Sri Lanka

xi. "Quarterly Franklin Membership" (Membership ID#MC19569) by London Journal of Research in Science: Natural and Formal (LJRS)

Dr. R. S. Verma

i. The Horticultural Society of India (HSI), New Delhi

ii. Society for Agriculture Innovations and Development (SAID), Ranchi (Jharkhand) India.

iii. Society of Scientific Development in Agriculture & Technology (SSDAT), Meerut (U.P) India.

iv. Blue Planet Society, Allahabad, U.P.(INDIA)

v. Glocal Environment & Social Association- New Delhi (India).

Dr. Rubee Lata

i. Member of Selection Committee for Teaching faculty of KendriyaVidyalaya held at KendriyaVidyalaya, Gomtinagar Branch, Lucknow from February, 25th – 27th, 2019.

ii. Member of 'Printing and Editorial Committee' for Souvenir and Certificates of National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018.

iii. Member of 'Technical Sessions Conduct Committee' in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018.

iv. Member of 'Food and Refreshment

Committee' in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018.

v. Member of Organizing Committee of Scientist Award Ceremony organized by SamagraVikas Welfare Society (SVWS) and Dr. Ram Avatar ShikshaSamiti (DRASS), Lucknow held at Babasaheb Bhimrao Ambedkar University, Lucknow, 5th June, 2018 on the occasion of "World Environment Day"

vi. Member of Board of Post Graduate Studies (BPGS), Deptt. of Horticulture, Babasaheb Bhimrao Ambedkar University, Lucknow from 21st August, 2018.

vii. Member of Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow.

viii. Member of 'Food and Refreshment Committee' in one day seminar on the topic 'Samaj mai mahilao ki sthitievamparivarta nkeliyenavachar' on International Women's Day, March 8th, 2019.

ix. Life member of Horticultural Society of India, New Delhi

x. Life member of Indian Society of Horticultural Research & Development (ISHRD).

xi. Life member of Biosciences and Agriculture Advancement Society, Meerut

3. Book(s)/Book Chapter (s) authorized/ edited book/monograph(s)

Dr. Sutanu Maji

i. Edited book -Tansformimg Agriculture to doubling of Farmers Income, Souvenir cum abstract. (ISBN 978-93-5300-389-0)

ii. Book chapter- Citrus, In: Fruit Crop Production. AGRO India Publications. (ISBN- 978-93-84188-10-8). Pp 77-109

Dr. R.S.Verma

i. Edited Souvenir-cum-Abstract, National seminar on Transforming Agriculture to Doubling of Farmers Income. Feb. 10-11, 2018. (ISSN-978-93-5300-389-0).

Dr Rubee Lata

i. RubeeLata and MeghaRaghwan. (2018). The role of women in agriculture. Reinventing the women – Past, present and future. Pp. 199-205. (ISBN-978-81-932605-0-0)

ii. Edited Souvenir-cum-Abstract, National seminar on Transforming Agriculture to Doubling of Farmers Income. Feb. 10-11, 2018. (ISSN-978-93-5300-389-0).

4. Paper published during the year by the faculty members

Prof Sanjay kumar

i. **Sanjay Kumar,** Sutanu Maji and S.K. Rawat (2018). Performance study of cluster bean germplasm under Lucknow condition. International Journal of Plant Sciences13(1): 47-50.

ii. **Sanjay Kumar**, Pushkar Singh Patel and Pradeep Kumar (2018).Genetic variability, heritability and genetic advance in cowpea [(*Vignaunguiculata*(l.) Walp.)] Plant Archives18 (2): 1268-1270.

iii. Pushkar Singh Patel, **Sanjay Kumar**, Rakesh Kumar Meena, Pradeep Kumar and Tribhuvan Rai (2018). Correlation and Path analysis in Cowpea

[(*Vignaunguiculata*(L.) Walp.)]. *Int. J. Pure App. Biosci.* 6 (5): 142-146.

iv. Dharmpal Singh, **Sanjay Kumar**, R.S. Verma, Rohit Maurya and Akash Shukla. Effect of organic manure and bio-fertilizers on quality parameters of strawberry (*Fragaria x ananassa*Duch.) cv. Chandler. Journal of Pharmacognosy and Phytochemistry 2018; 7(6): 1227-1228.

v. Satish Kumar Gautam, **Sanjay Kumar**, Pradeep Kumar, Manjeet Kumar and Jitendra Kumar (2018).Genetic variability, heritability and Genetic advance in Okra [*Abelmoschusesculentus* (L.) Moench]. International Journal of Chemical Studies 6 (6): 2695-2698.

vi. D. C. Meena, M. L. Meena and **Sanjay Kumar** (2019). Influence of organic manures and bio-fertilizers on growth, yield and quality of Okra (Abelmoshchusesculentus L. Moench). Annals of Plant and Soil Research 21(2): 130-134.

Prof R B Ram

Paper published:

i. RS Verma, R Lata, **RB Ram**, SS Verma, S Prakash (2019). Effect of organic, inorganic and bio-fertilizers on vegetative characters of dragon fruit (Hylocereusundatus L.) plant. The Pharma Innovation Journal 2019; 8(6): 726-728.

ii. DharmrajMeena, **RB Ram**, RS Verma and Bhag Chand Shivran (2019). Effect of phosphorus levels and bio-fertilizers on yield and quality parameters of garlic (Allium sativum L.) cv. G -282. The Pharma Innovation Journal 2019; 8(6): 681-683.

iii. DK Singh, VK Singh, **RB Ram** and DK Sarolia (2018). Ripening associated biochemical changes with relation to jelly seed formation in mango cv. Dashehari, Langra and Chausa. International Journal of Chemical Studies 2018; 6(2): 3359-3363.

iv. Shivpoojan, Ankit Kumar Pandey, **RB Ram**, RajniRajan and Rakesh Kumar Pandey(2018). Efficacy of foliar application of micronutrients on fruit set in winter season guava (PsidiumGuajava L.) cv. Lalit. International Journal of Chemical Studies 2018; 6(5): 2908-2910.

v. Usman Ali, **RB Ram**, Abhijeet Srivastava, Raj Pandey, Bijendra K Singh and Himanshu Singh (2018). Effect of organic manures and varieties on growth, yield and quality traits of garlic (Allium sativum L.). Journal of Pharmacognosy and Phytochemistry 2018; 7(6): 40-42.

vi. Singh Smriti and **RB Ram** (2018). Effect of organic, inorganic and bio-fertilizers on biochemical aspects of "Kashi Pragati" a standard cultivar of okra. [Abelmoschusesculentus (L.) Moench]. Journal of Entomology and Zoology Studies 2018; 6(4): 262-264.

vii. Yadav A., **Ram R.B.**, Verma R.S., Kumar V., Yadav R. Kewal (2018). Effect of foliar application of micronutrients on Bio-chemical attributes of winter season guava (Psidiumguajava L) cv. Lalit. Journal of Pharmacognosy and Phytochemistry 7 (2), 3196-3197.

viii. MeenaJK, **Ram RB**, MeenaML (2018). Studies on bio-fertilizers on yield and quality traits of French bean (Phaseolus vulgaris L.) cultivars under Lucknow condition. Journal of Pharmacognosy and Phytochemistry 7 (2), 1571-1574

ix. Meena JK, **Ram RB**, Meena ML (2018). Efficacy of Bio-fertilizers on Vegetative Characters of French Bean (Phaseolus vulgaris L.) Cultivars. Int. J. Pure App. Biosci 6 (1), 1351-1355.

Prof Deepa H Dwivedi

Paper published:

1. Rajvanshi, S.K. and Dwivedi, D.H (2019). Identification of bioactive phytometabolites in essential oil of African marigold (*Tageteserecta* L.) using FT-IR technique. *Journal of Agricultural & Environmental Research*. 1 (1) 6-18.
2. Atal , M.K, Dwivedi, D.H., Narolia S.L. and Shivran, B.C. (2018). Influence of Bio-fertiliser (Rhizobium radiobactor) in Association with Organic Manures on Qualitative Traits of Broccoli (*Brassica oleracea* L. var. *italicaPlenck*) cv. PalamSamridhi under Lucknow Conditions. *Current Journal of Applied Science and Technology*. 31(3): 1-7
3. Bajpay, A. and Dwivedi, D.H. (2018). Effects of Holding Solutions and Gamma Radiation on Flower Longevity of Chrysanthemum (Dendranthema grandiflora) cv. Little Pink. *Int. J. Pure App. Biosci.* 6(1): 1133-1138
4. Lalita, Dwivedi, D.H., Mauriya, S.K., Katara, P. and Ali, M. (2018). Establishment of the relationship among the three morphotypes of Cape gooseberry (Physalisperuviana L.). *Journal of Pharmacognosy and Phytochemistry*. 7(3): 398-402.

Dr M L Meena

i. Amit Kumar, M.L. Meena, B.C. Shivran, Harvindra Pal and B.L. Meena (2019). Impact of bio-fertilizer on growth, yield and quality of onion (*Allium cepa* l.) cv. Pusa Red. *Plant Archives*. 19 (1) : 772-776

ii. Vikas Kumar Sonkar, ML Meena, Rajmani Singh, BC Shivran and DC Meena, (2019). Effect of post: Harvest treatment on physio- chemical properties and quality of guava (*Psidiumguajava* L.). *Journal of Pharmacognosy and Phytochemistry*. 8(9): 1535- 1538.

iii. Rajmani Singh, ML Meena, Sudhansu Verma, Ram Vilas, VivekSaurabh, Sandeep K Mauriya, Ravinsh Maurya and Mohit Kumar (2019). A review on performance of gibberellic acid on African marigold. *Journal of Pharmacognosy and Phytochemistry*. 8(5): 43-46

iv. D. C. Meena, M. L. Meena and Sanjay Kumar (2019). Influence of organic manures and bio-fertilizers on growth, yield and quality of okra (*Abelmoshchusesculentus* L. Moench). *Annals of Plant and Soil Research* 21(2): 130-134.

v. Ram Vilas, Sanjay Kumar, Rajmani Singh and M. L. Meena (2019) Effect of gibberalic acid and cycocel on vegetative growth and flowering of African marigold (*Tageteserecta* L.). *Journal of Ornamental Horticulture*, 22 (1&2): 28-32.

Dr Sutanu Maji

i. Prasenjit Kundu, Fatik Kumar Bauri and Sutanu Maji (2018). Genetic diversity study of some banana genotypes collected from various parts of India through RAPD analysis.African Journal of AgriculturalResearch. 13 (5):248-257.

ii. Sanjay Kumar, Sutanu Maji and S.K. Rawat (2018). Performance study of cluster bean germplasms under Lucknow

condition. International Journal of Plant Sciences. 13 (1): 47-50.

iii. P. K. Nayak and S. Maji (2018). Response of nutrient and cutting management for quality and green yield of Palak (*Beta vulgaris* var. *bengalensis*). Journal of Crop and Weed. 14(1): 126-129.

iv. Harsh Deep Singh, SutanuMaji, Vikas Kumar and Ram Kumar Yadav (2018). Influence of Plant Bio-regulators on Growth, Yield and Quality of Garlic (*Allium sativum*L.). Bulletin of Environment, Pharmacology and Life Sciences. 7 (6): 01-04.

Dr R S Verma

i. Impact of salt stress on plant establishment, chlorophyll and total free amino acid content of ber (*Zizyphusmauritiana*Lamk.) cultivar Gola. S.S. Verma, **R.S. Verma**, S.K. Verma, A.L. Yadav, A.K. Verma. Published in Journal of Pharmacognosy and Phytochemistry, 2018 7(2)556-559.

ii. Effect of foliar application of micronutrients on Bio-chemical attributes of winter season guava (*Psidiumguajava* L.) cv. Lalit A Yadav, **R.S. Verma**, RB Ram, V Kumar, RK Yadav. Published in Journal of Pharmacognosy and Phytochemistry,2018 7(2) 3196-3197.

iii. Effect of foliar application of nutrients and plant growth regulators physical parameters of guava (*Psidiumguajava*L.) fruits cv. LalitAkash Shukla, **R.S. Verma**, Som Prakash, S.S. Verma and Dharmpal Singh. Published in Journal of Pharmacognosy and Phytochemistry,2018 7(4) 2837-2838.

iv. Studies on the effect of foliar spray of plant growth regulators on physical parameter of guava (*Psidiumguajava*L.) fruits cv. LalitNanhelalSaroj, **R.S. Verma**, Som Prakash, S.S. Verma and Viplaw Kumar. Published in Journal of Pharmacognosy and Phytochemistry,2018 7(5) 01-02.

v. Studies on the effect of foliar spray of micronutrients and plant growth regulators on physical parameters of guava (*Psidiumguajava*) cv. Allahabad safeda.NanhelalSaroj, **R.S. Verma**, Som Prakash, S.S. Verma and Viplaw Kumar. Published in Journal of Pharmacognosy and Phytochemistry,2018 7(5) 01-02.

vi. Effect of phosphorus levels and bio-fertilizers on growth parameters of garlic (*Allium Sativum*) cv. G-282. DharmrajMeena, RB Ram and **RS Verma** Published in Journal of Pharmacognosy and Phytochemistry,2018; 7 (6) 1222-1224.

vii. Evaluation of different genotypes on quality parameters of okra (*AbelmoschusEsculentus* L.) Under Lucknow region. Rajesh Kumar, **R.S. Verma,**Som Prakash and S.S. Verma Published in Journal of Pharmacognosy and Phytochemistry,2018; 7 (6) 1225-1226.

viii. Effect of different phosphorus levels and bio-fertilizers on growth parameters of garlic (*Allium Sativum*) cv. G-1. Salahuddin, **R.S. Verma**, Ravi Kumar Singh, Shiv Sagar Singh and Khushboo Singh. Published in Journal of Pharmacognosy and Phytochemistry,2018 ;7 (6) 1219-1221.

ix. Effect of organic manure and bio-fertilizers on quality parameters of strawberry (*Fragariaananassa*Duch.) Cv. Chandler. Dharmpal Singh, Sanjay Kumar, **R.S. Verma** and Akash Shukla

Published in Journal of Pharmacognosy and Phytochemistry,2018 ;7(6) :1227-1228.

x. Effect of foliar application of nutrients and plant growth regulators physical parameters of guava (*Psidiumguajava*) cv. Lalit.Akash Shukla, **R.S. Verma**, Som Prakash, S.S. Verma and Dharmpal Singh. Published in Journal of Pharmacognosy and Phytochemistry,2018 7(4) 2837-2838.

xi. Effect of foliar application of micronutrients and plant growth regulators on yield and physical characteristics of guava (*Psidiumguajava*) cv. Allahabad safeda. Viplaw Kumar, R.B. Ram, **R.S. Verma**, Ajay Yadav and N.L. Saroj. Published in Journal of Pharmacognosy and Phytochemistry,2019; 8(1) 2715-2716.

xii. Effect of phosphorous levels and bio-fertilizers on yield and quality parameters ofgarlic (*Allium sativum* L.) Cv. G-282.authored by DharmrajMeeena, R.B. Ram, **R.S. Verma** and Bhag Chand Shivran published in The Pharma Innovation Journal 2019;8(6):681-683.

xiii. Evaluation of different genotypes on physical parameters of okra [*Abelmoschusesculentus* (L.) Moench.] under Lucknow region. authored by Rajesh Kumar, **R.S. Verma**, S.S. Verma, Dharmpal Singh, Akash Shukla and Som Prakash published in The Pharma Innovation Journal 2019;8(6):723-725.

xiv. Effect of organic, inorganic and bio-fertilizers on vegetative characters of dragon fruit (*Hylocereusundatus* L.) plant. authored by **R.S. Verma**, RubeeLata, RB Ram, SS Verma Som Prakash published in The Pharma Innovation Journal 2019;8(6):726-728.

xv. Effect of Organic Manure and Bio-Fertilizers on Growth and Yield Parameters of Strawberry (*Fragaria x ananassa*Duch.) cv. Chandler. Authored by Dharmpal Singh, Sanjay Kumar, **R.S. Verma**, Akash Shukla and Rajesh Kumar published in International Journal of Current Microbiology and Applied Sciences (2019);8(5):960-964.

xvi. Effect of spacing and varieties on growth attributes of rabi onion (*Allium cepa* L.) authored byShree Kant Maurya,**R.S. Verma**, Harvindra Pal, Samiksha, Som Prakash, Viplaw Kumar and BhagChandShivran published in The Pharma Innovation Journal 2019;8(8):21-23.

xvii. Effect of spacing and varieties on yield attributes of rabi onion (*Allium cepa* L.) authored by Shree Kant Maurya,**R.S. Verma**, Samiksha, KamleshMeena and Razauddinpublished inJournal of Pharmacognosy and Phytochemistry,2019;8(4):2553-2555.

xviii. Studies on genetic variability in okra [*Abelmoschusesculents* (L.) Moench]. authored by Samiksha, **R.S.Verma**, S.K. Verma, Shree Kant Maurya, Razauddin and Vivek Kumar Patel published in The Pharma Innovation Journal 2019;8(8):311-314.

xix. Studies on the effect of foliar spray of micronutrients and plant growth regulators on chemical parameters of guava (*Psidiumguajava*) cv. Allahabad safeda. Authored by Nanhe Lal Saroj, **R.S. Verma**, Som Prakash, Viplaw Kumar and Vimal Kumar published by

International journal of chemical studies 2019;7(3):1102-1103.

xx. Effect of different phosphorus levels and bio-fertilizers on quality parameters of garlic (*Allium Sativum*) cv.G-1 authored by Salahuddin, **RS Verma**, Khushboo Singh, Ravi Kumar Singh and Shiv Sagar Singh published in International journal of chemical studies 2019,7(3):1102-1103.

Dr. Rubee Lata

i. Verma, R.S.; Lata R.; Ram, R.B.; Verma, S.S. and Prakash S. (2019). Effect of organic, inorganic and biofertilizers on vegetative characters of dragon fruit (*Hylocereusundatus* L.) plant. *The Pharma Innovation Journal,* 8(6): 726-728.

5. Attended/Participated in conference/ seminar/workshop inside the country

Prof Sanjay Kumar

i. Ist Vegetable science Congress on Emerging Challenges in Vegetable Research & Education(VEGCON-2019) " at Agriculture University, Kota during Feb 01-03, 2019.

ii. Participation in World Immunology Day, 29th April, 2019 at BBAU, Lucknow

iii. Seminar on Priorities and strategies to Boost Farmers' Income on the foundation day of UPCAR, Lucknow during June14, 2019.

iv. National Seminar on "Strategies and Challenges in Doubling Farmers Income through Horticultural Technologies in Subtropics" during June 21-21, 2019.

v. International Conference on "Doubling Farmers' Income" by Government of U. P. as Krishi Kumbh during Oct 26-28, 2018.

vi. Delivered Lead Lecture on "**Prospects of Protected Vegetable Cultivation in India for Enhancing Farmer's Income**" in International Conference on "Advances in Agricultural sciences & Allied Science Research" at Rama University, Kanpur during Feb 23-24, 2019.

Dr M.L.Meena

i. Seminar on Priorities and strategies to Boost Farmers' Income on the foundation day Of UPCAR, Lucknow during June14, 2019.

ii. Lecture on "Drying and dehydration of vegetable crops" in International Conference on "Advances in Agricultural sciences & Allied Science Research" at Rama University, Kanpur during Feb 23-24, 2019.

iii. Attended the Short Term Course "Research Methodology" conducted by U. G. C. academic Staff College, University of Lucknow, during the Jan, 19 – Jan, 25, 2019.

Dr. Sutanu Maji

i. Seminar on Intellectual Property Rights in Agriculture

ii. Integrated nutrient management with kitchen waste compost increase yield of garlic. International conference on sustainable organic agri-horti systems. Organised by Doctor's KrishievamBagwaniSanstha, Lucknow-2018

iii. Refresher course on Research Methodology at University of Lucknow during December 2018.

iv. Invited speaker/session chaired in National/International details (if any)-

v. Invited lecture- Orientation programme

for newly recruited Food Safety Officer, Govt. of Uttar Pradesh at Institute of Rural Development, BaksiKaTalab.

vi. Invited lecture- Training on "Improving Livelihood Activities through Hi-Tech Horticulture" for officers, Govt. of Uttar Pradesh. Institute of Rural Development, Rae Bareli.

Dr. R S Verma

i. Paper presentation inNational seminar on 'Transforming Agriculture to Doubling of Farmers Income', February, 10-11, 2018, Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Participated in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. Participated in National Conference on 'Strategies and Challenges in Doubling Farmer's Income through Horticultural Technologies in Subtropics' held at ICAR-CISH, Lucknow on June 21st – 22nd, 2018.

iv. National Seminar on Indira Gandhi – The Man and Manoeuvres "held at PBPGCollege, Pratapgarh city, Pratapgarh, (U.P.)

v. International symposium on Recent trends in Agriculture, Biodiversity and Social Sustainability held at BSI, Allahabad (U.P.)

vi. Global conference on our biodiversity, our food and our health. 22, May 2019, BSI Prayagraj

vii. National seminar on Transforming Agriculture to Doubling of Farmers Income. February, 10-11, 2018, Babasaheb Bhimrao Ambedkar University, Lucknow.

viii. Participated in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

ix. Organized & Participated in Scientist Award Ceremony organized by SamagraVikas Welfare Society (SVWS) and Dr. Ram Avatar ShikshaSamiti (DRASS), Lucknow held at Babasaheb Bhimrao Ambedkar University, Lucknow, 5th June, 2018 on the occasion of "World Environment Day".

x. Participated in National Conference on 'Strategies and Challenges in Doubling Farmer's Income through Horticultural Technologies in Subtropics' held at ICAR-CISH, Lucknow on June 21st –22nd, 2018.

xi. Participated in seminar organized on the topic 'Samajmaimahilaokisthitievam Parivarta nkeliyenavachar' on International Women's Day, March 8th, 2019 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

xii. Acted as Resource person and given lecture to Farmer on the topic "High density planting in Guava" in KisanGosthi/MelaatSitapur, U.P.

xiii. Refresher course from Dec 10 to Dec 31,2018 at UGC – HRDC, University of Lucknow (U.P.).

Dr Rubee Lata

i. Paper presentation on 'Integrated strawberry production for doublings farmer's income', National seminar on 'Transforming Agriculture to Doubling of

Farmers Income', February, 10-11, 2018, Babasaheb Bhimrao Ambedkar University, Lucknow.

ii. Participated in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

iii. Participated in National Conference on 'Strategies and Challenges in Doubling Farmer's Income through Horticultural Technologies in Subtropics' held at ICAR-CISH, Lucknow on June 21st – 22nd, 2018.

iv. Participated in National Conference on 'Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future', April 14th, 2018 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

v. Organized & Participated in Scientist Award Ceremony organized by SamagraVikas Welfare Society (SVWS) and Dr. Ram Avatar ShikshaSamiti (DRASS), Lucknow held at Babasaheb Bhimrao Ambedkar University, Lucknow, 5th June, 2018 on the occasion of "World Environment Day".

vi. Participated in National Conference on 'Strategies and Challenges in Doubling Farmer's Income through Horticultural Technologies in Subtropics' held at ICAR-CISH, Lucknow on June 21st –22nd, 2018.

vii. Participated in seminar organized on the topic 'Samajmai mahilaokisthiti evamparivartan keliye navachar' on International Women's Day, March 8th, 2019 held at Babasaheb Bhimrao Ambedkar University, Lucknow.

viii. Resource person in Three days training program on 'Improving livelihood activities through hi-tech horticulture', January, 3-5, 2019 at DeendayalUpadhyaya State Institute of Rural Development, Rae Bareli, U.P.

6. Attended/Participated in conference/ seminar/workshop outside the country

Prof Deepa H Dwivedi

i. Attended 30th International Congress at Istanbul, Turkey and presented papers as below

a. Bioactive phytometabolite identification through FTIR and DART-MS in essential oil of marigold(*Tageteserecta*L)

b. Screening of phytometabolites in oil from cape gooseberry *Physalisperuviana* L. fruit pomace.

c. Morphological characterisation and SEM analysis of intervarietal variability in water chestnut (*Trapanatans*var. *bispinosa)* collections

d. Morphological characterisation of intravarietal variability in Dussehari mango (*Mangiferaindica* L.*).*

7. Details of invied lecture inside the country

Prof. Sanjay Kumar

i. Lead Lecture on "Prospects of Protected Vegetable Cultivation in India for Enhancing Farmer's Income" delivered in International Conference on "Advances in Agricultural sciences & Allied Science Research" at Rama University, Kanpur.

Prof. Deepa H. Dwivedi:

ii. Attended seminar and delivered lead lecture entitled "Development of entrepreneurship in Horticulture, in the National seminar on "Current Scenario and Future trends in Agriculture and Biotechnology" organised byCollege of Professional Studies, CSE Campus, Jhansi.

Dr. M. L. Meena:

iii. Lecture on "Drying and dehydration of vegetable crops" delivered in International Conference on "Advances in Agricultural sciences & Allied Science Research" at Rama University, Kanpur.

Dr. R. S. Verma:

iv. Acted as Rapporteur in 'National seminar on Transforming Agriculture to Doubling of Farmers Income'. February, 10-11, 2018, BabasahebBhimraoAmbedkar University, Lucknow.

v. Acted as Convenor in 'National seminar on Transforming Agriculture to Doubling of Farmers Income'. February, 10-11, 2018, BabasahebBhimraoAmbedkar University, Lucknow.

vi. Acted as Resource person and given lecture to Farmer on the topic "High density planting in Guava" in KisanGosthi/Mela at Sitapur, U.P.

Dr. RubeeLata:

vii. Acted as Resource person and given lecture to trainees on the topic "Advanced Propagation Technique: Tissue Culture" in Three days training program on 'Improving livelihood activities through hi-tech horticulture', January, 3-5, 2019, at Deendayal Upadhyaya State Institute of Rural Development, Rae Bareli, U.P.

viii. Acted as Resource person and given lecture to trainees on the topic "Scope of Employment in Horticulture" in Three days training program on 'Improving livelihood activities through hi-tech horticulture', January, 3-5, 2019, at DeendayalUpadhyaya State Institute of Rural Development, Rae Bareli, U.P.

8. Details of national Award/ fellowship

Prof. Sanjay Kumar

i. **Eminent Scientist Award** by SamagraVikas Welfare Society, Lucknow during Feb 23-24, 2019 on the occasion of International Conference on "Advances in Agricultural Sciences & Allied Science Research" at Rama University, Kanpur.

Dr. M. L. Meena:

i. **Best Teacher Award** by SamagraVikas Welfare Society, Lucknow during Feb 23-24, 2019 on the occasion of International Conference on "Advances in Agricultural Sciences & Allied Science Research" at Rama University, Kanpur.

Dr. R. S. Verma:

i. Innovative Faculty Award (2018)- Given by Blue Planet Society, Allahabad, U.P.(India).

ii. Chaudhary Charan Singh Award for Agricultural Innovations (2019) Given by Global Environment & Social Association- New Delhi (India).

9. Research Guidance (if any):

S.No	Name	Name of Supervisor
1	Mr. Ram Vilas	Prof. Sanjay Kumar.
2	Mr. Pradeep Kumar	Prof. Sanjay Kumar
3	Mr. Lalit Kumar	Prof. Sanjay Kumar
4	Ms. Smriti Singh	Prof. R. B. Ram, Professor
5	Mr. Amit Kr. Bhargava	Prof. R. B. Ram, Professor
6	Mr. Rajeev Kumar	Prof. R. B. Ram, Professor,
7	Mr. Prem Kumar	Prof. R. B. Ram, Professor,
8	Mr. NeerajKr.Verma	Prof. R. B. Ram, Professor,
9	Mr. Viplaw Kumar	Prof. R. B. Ram, Professor,
10	Mr. Sachin Kishor	Prof. D H. Dwivedi, Professor
11	Ms. Munni Gond	Prof. D H. Dwivedi, Professor
12	Mr. ShrikantBharty	Prof. D. H. Dwivedi, Professor
13	Mr. Dinesh Chandra Meena	Dr. M. L. Meena, Asst. Professor
14	Mr. BhagchandShivran	Dr. M. L. Meena, Asst. Professor
15	Mr . Mata Prasad	Dr. SutanuMaji, Asst. Professor.
16	Mr. Som Prakash	Dr. R S. Verma, Asst. Professor
17	Mr. Harvendra Pal	Dr. R. S. Verma, Asst. Professor
18	Mr Rupesh Mandal	Dr. RubeeLata, Asst. Professor

10. Student Acheivement

i) Mr Shubham Singh ranked second in All India JRF Examination conducted by ASRB, ICAR, New Delhi and also he admitted as Ph. D. Scholar at premier institute i. e. Indian Agricultural Research Institute, Pusa, New Delhi, qualified NET, achieved jobs in Government sector, banks as well as private sector.

ii) One student stood first in Ph. D. entrance examination in Rajasthan, qualified NET and achieved jobs in Government sector, banks as well as private sector.

11. Google Scholar Profile (if available)

Prof. Sanjay Kumar: Citations -398, h index-10, i10 index-11

Prof. R.B. Ram: Citations -392, h index-10, i10 index-11

Prof. Deepa H. Dwivedi: Citations -116, h index-05, i10 index-01

Dr. M. L. Meena: Citations -172, h index-6, i10 index-3

Dr. SutanuMaji: Citations -348 h index-10, i10 index-11

Dr. R. S. Verma: Citations -08 h index-02, i10 index-01

Dr. RubeeLata: Citations -117, h index-7, i10 index-5

SCHOOL OF LIFE SCIENCES

Brief description of School 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, Department of Botany (Proposed), Department of Molecular Biology (Proposed) and Department of Neuro Sciences (Proposed). 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 Sciences (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 was started in September, 2005 under the School for Biosciences and Biotechnology. Apart from M. Sc in Biotechnology, the department also offers Brain and Cognition Science, Forensic Science and Criminology, Ph. D in Biotechnology with diverse field of specialization including, Enzyme Technology and Protein Chemistry, Microbial Technology, Plant Molecular Biology, Immunotechnology, Neurobiology and Bioinformatics. This is a highly research oriented course giving world class training in neurosciences.

Biotechnology, being a multidisciplinary subject, imparts knowledge from various areas of biological as well as technological sciences. It encompasses understanding of fundamental concepts and their applications in the area of Molecular biology, Cell Biology, Immunology, Microbiology, Biochemistry, Bioinformatics and Bio-processing.

Keeping in view the development of modern applied aspect of the subject, Biotechnology has now become a multi-billion dollar industry. The teaching programme caters to the requirement of Biotechnology Industry and Institutes in India as well as aboard.

The syllabus was revised recently in academic year 2019-2020 with a great care so that the theory, practical and tutorials would meet the requirement of such a challenging and demanding field. In addition to the normal teaching classes and the practical training, the curriculum has integral components of Seminars and Research based project works targeted to shape the student's career in accordance with the requirement of the present national and international needs. Elective subjects have also been introduced to meet the areas of interest of individual students, Apart from the compulsory CBCS isin place where student can choose the subject of choice from any other department of the university to enhance & augment the knowledge in the field.

The department is in the process of developing facilities conducive for training in the field of Biotechnology at par with that of international standards. Faculty members of the department are executing various externally funded research projects from agencies like UGC, DST and DBT. Many distinguished

scientists and eminent scholars from premier research institutes such as CSIR, ICAR, Indian and foreign Universities are invited to deliver lectures in their area of research interest from time to time. The students are exposed to both academics as well as extracurricular activities during their tenure.

1. Course Offered

i. M. Sc Biotechnology.

ii. M. Sc Brain & Cognition Sciences.

iii. M. Sc Forensic Science & Criminology.

iv. Ph. D. Biotechnology.

2. Facilities available in the department

i. M. Sc Laboratory.

ii. Research Laboratory.

iii. Central Instrumentation Laboratory.

iv. Smart Classroom.

v. Departmental Library.

3. Details of Faculty

i. Prof. Dinesh Raj Modi

Professor & Head, Biotechnology

Dean, School of Life Sciences

Specialization: Microbial Technology and Bioremediation

Qualifications: M.Sc., Ph.D.

Experience: 33 Years

ii. Prof. Sangeeta Saxena, Professor

Specialization: Plant Molecular Biology, Molecular Markers, RNA interference

Qualifications:M. Sc., M. Phil. Ph. D.

Experience: 25 Years

iii. Dr. Sunil Babu Gosipatala

Assistant Professor

Specialization: Immunomodulation, Cancer Genetics, Host- pathogen interactions at miRNA level, Bioinformatics

Qualifications: M.Sc., Ph.D.

Experience: 25 Years

iv. Dr. Monica Sharma

Assistant Professor

Specialization: Enzyme and Microbial Technology, Bioinformatics

Qualifications: M.Sc., Ph.D.

Experience: 10 Years

v. Dr. Yusuf Akhter

Assistant Professor

Specialization: Protein Structures; Drug discovery against bacterial and protozoan pathogens

Qualifications: M.Sc., Ph.D.

Experience: 08 Years

3. Other departmental level Academic Activities

i. Organized Guest Lectures on "Head & Neck Cancer-Integrative genomic analysis and next step in Immunotherapy" by Dr. ArunKhattri, Department of Medicine, University of Chicago on 25-04-2017.

ii. Organized Guest Lectures on "Targeting adhensionsignalling network in breast cancer" by Dr. Mahendra Kumar Singh, Department of Surgery, University of Miami, U.S.A. on 02-08-2017.

iii. Organized Guest Lectures on "Advance in Understanding and Treatment of Chronic Airway Diseases" by Prof. (Dr.) Hari S. Sharma, Institute for Cardiovascular Research, Department of Pathology, VUmc, University Medical Center, De Boelelaan, Amsterdum, Netherlands on 03-10- 2017.

4. Co-curricular/Extra-curricular/sports Activity by the department

i. Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc; Plantation drives.

ii. World Immunology Day 29th April 2019, Babasaheb Bhimrao Ambedkar University, Lucknow

5. Visitors of Department from inside the country

i. Prof. SukeshChander Sharma, Department of Biochemistry, (South Campus) Punjab University, Chandigarh on 09-03-2018.

ii. Prof. Jagtar Singh, Department of Biotechnology, (South Campus) Punjab University, Chandigarh on 02-02-2018.

iii. Prof. SukeshChander Sharma, Department of Biochemistry, (South Campus) Punjab University, Chandigarh on 09-03-2018

6. Visitors of Department from outside the country

i. Dr. ArunKhattri, Department of Medicine, University of Chicago on 25-04-2017.

ii. Dr. Mahendra Kumar Singh, Department of Surgery, University of Miami, U.S.A. on 02-08-2017.

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

Prof. Dinesh Raj Modi

i. Life Member, Association of Microbiologists of India

ii. Life Member, Biotech Research Society of India

iii. Life Member, Society of Biological Chemists, India

iv. Life Member, Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT)

v. Life Member, Indian Science Congress

vi. Head, Department of Zoology, Babasahib Bhimrao Ambedkar University, A Central University, Lucknow -226025, India from 2018 to till date

vii. Chairman, School Board Committee, School of Life Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow. (U.P.) 2017-2020.(DRC Member)

viii. Chairman, Board of Post Graduate Studeis in Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow. (U.P.) 2017-2020.(DRC Member)

ix. Member, Board of studies in Biotechnology, Mahatma Gandhi Central University, Motihari, Bihar. 2017-2020.

x. Member, Board of studies in Biotechnology, D. D. U. Gorakhpur University, Gorakhpur, (U.P.) 2018-2021.

xi. Member, Board of Studies in Biotechnology, Allahabad State Universsity, Allahabad, (U.P.) 2017-2020

Prof. Sangeeta Saxena

i. Association for promotion of DNA fingerprinting and other DNA technologies(ADNAT) CCMB, Hyderabad.

ii. Society of Biological Chemist, (SBC) India.

iii. Indian Society of Genetics & Plant Breeding

iv. Member, Departmental Research Committee.(Department of Biotechnology)

v. Member, Board of Post Graduate Studies (Department of Biotechnology)

vi. Member, RDCU DBT (being DRC member).

Dr G Sunil Babu

i. Life Member- Society of Biological Chemists (India)

ii. Life Member- Indian Immunology Society

iii. Life Member- The Cytometry Society of India (TCS)

iv. Life Member- Association for the Promotion of DNA fingerprinting and other DNA technologies (ADNAT)

v. Life Member- Indian Science Congress

Dr. Monica Sharma

i. Life time member of Association of Microbiologist of India

Dr. Yusuf Akhter

i. Editorial Board Member, *Scientific Reports* published by Nature Research, United Kingdom (since 2019)

ii. Associate Editor, *Frontiers in Genetics* (Bioinformatics and Computational Biology) published by Frontiers Media, Switzerland (since 2018)

iii. Associate Editor, *BMC Genomics* published by BioMed Central, United Kingdom (since 2018)

iv. Associate Editor, *BMC Microbiology* published by BioMed Central, United Kingdom (since 2018)

v. Associate Editor, *Archives of Microbiology* published by Springer, Berlin, Germany (since 2016)

8. Details of Book Chapter in edited volume

i. Jai Godheja, Sudhir Kumar Shekhar and **Dinesh Raj Modi**. "Rhizoremediation of petroleum hydrocarbons (PHC)". in Plant-Microbe Interactions in Agro-ecological Perspectives Volume 2- Microbial Interactions and Agro-ecological Impacts. Springer 2018.

ii. Nikita Shukla, Virendra Shukla, **SangeetaSaxena (2018).** Plant miRNAs and phytomolecules as anti-cancer therapeutics. Book:- Anticancer Plant Properties and Applications (Springer Nature) ISBN 978-981-10-8416-4.

iii. Priyanka Varun and **Sangeeta Saxena (2018).** Role of women scientists in the development of science and society: Past, present and future. Reinventing the Women: Past, Present and Future. APP Press. ISBN: 978-81-932605-0-0

iv. **Sharma M** (2018) Thermophiles Vs Psychrophiles: Cues from microbes for sustainable industries, Chapter 13. In:Environmental Biotechnology: for sustainable future", Eds, RanbirChanderSobti, Naveen Kumar Arora, Richa Kothari by Springer-Nature p.323-340.

v. **Sharma M** (2018) Transdermal and Intravenous Nano Drug Delivery Systems: Present and Future, Chapter 18. In: Applications of Targeted Nano Drugs and Delivery Systems, Eds: Shyam S Mahopatra. ShivenduRanjan, NanditaDasgupta, Raghvendra Kumar Mishra, Sbu Thomas. Elsevier Inc. p.499-550.

vi. **Sharma M** (2018) Traditional fermented Foods/ Therapeutic Foods: Wellness Mantra for Improving Health. In: The Nature Health and Wellness Trinity. The Way Forward For Tourism in India, Eds: Shubhini A Saraf, Priyanka Maurya, Shailendra K. Saraf. White Falcon Publishing p.68-82

9. Paper published during the year by the faculty members

i. SA Siddiqui, S Singh, R Ugale, V Ranjan, R Kanojia, S Saha, S Tripathy, **DR Modi**, A Prakash. Regulation of HDAC1 and HDAC2 during consolidation and extinction of fear memory. Brain research bulletin 150, 86-101, 2019.

ii. **D R Modi**, LM Patil, HM Vasava, MM Patel. Effect of zinc and boron application on yield of brinjal (Solanummelongena L.) in Bharuch District of Gujarat. Asian Journal of Agricultural Extension, Economics & Sociology, 1-6, 2019.

iii. D Dubey, S Chaurasia, A Guleria, S Kumar, **DR Modi**, R Misra, D Kumar, Metabolite assignment of ultrafiltered synovial fluid extracted from knee joints of reactive arthritis patients using high resolution NMR spectroscopy. Magnetic Resonance in Chemistry 57 (1), 30-43. 2019.

iv. D Dubey, S Kumar, S Chaurasia, AGuleria, S Ahmed, R Singh, R Kumari, **DR Modi.** NMR-Based Serum Metabolomics Revealed Distinctive Metabolic Patterns in Reactive Arthritis Compared with Rheumatoid Arthritis. Journal of proteome research 18 (1), 130-146, 2018.

v. S Singh, SA Siddiqui, S Tripathy, S Kumar, S Saha, R Ugale, **DR Modi**, A Prakash. Decreased level of histone acetylation in the infralimbic prefrontal cortex following immediate extinction may result in deficit of extinction memory. Brain research bulletin 140, 355-364, 2018.

vi. K. Roopendra, A. Sharma, A. Chandra, **S. Saxena** (2018) Gibberellin-induced perturbation of source–sink communication promotes sucrose accumulation in sugarcane. 3 Biotech 8:418 https://doi.org/10.1007/s13205-018-1429-2 (**Impact Factor 1.361)**

a. K. Roopendra, A. Chandra, **S. Saxena (2018)** Increase in Sink Demand in Response to Perturbed Source–Sink Communication by Partial Shading in Sugarcane. Sugar Tech https://doi.org/10.1007/s12355-018-0665-4 (**Impact Factor0.807)**

vii. Saurabh Verma and **Sangeeta Saxena (2018)** In-silico investigation of betasatellite complexity in Papaya leaf curl disease complex.. International journal of plant and environment. 3; 279-281 (ISSN no. 2454-1117)

viii. Priyanka Varun and **Sangeeta Saxena (2018).** Association of tomato leaf curl Gujrat virus and tomato leaf curl Bangladesh betasatellite on papaya showing typical leaf curl symptoms in North India**. 3 Biotech-Springer** ISSN No. 2190-5738 **Impact Factor 1.361)**

ix. KavitaKumari, Madan Lal and **Sangeeta Saxena** (2018**)** Cumulative effect of thidiazuron and 1-naphthylacetic acid in massive root proliferation of micropropagated sugarcane plantlet. Plant Root 12:16-20. doi:10.3117/plantroot.12.16 Copyrights 2018, Plant

Root (JSRR), www.plantroot.org

x. Virendra Jaiswal, **Sangeeta Saxena**, Ispreet Kaur, Priya Dubey, SampurnaNand, MariyaNaseem, Suman B. Singh, Pankaj Kumar Srivastava, SarojKantaBarik (2018) Application of four novel fungal strains to remove arsenic from contaminated water in batch and column modes. **Journal of Hazardous Materials 356: 98–107, ISSN: 0304-3894 (Impact Factor: 6.434)**

xi. Kavita, Madan Lal and **Sangeeta Saxena** (2018) Effect of explanting season and source of explants on in vitro morphogenetic responses of shoot tip explants of sugarcane. Research on Crops Vol. 19 No. 1. ISSN 2348-7542 (Scopus (Elsevier): Scientific Journal Ranking (SJR): 0.15, NAAS 4.0)

xii. Alok Kumar, **Sunil Babu Gosipatala**, A Pandey and Pradyuman Singh (2019). Prognostic relevance of SFRP1 gene promoter methylation in Colorectal Carcinoma. Asian Pacific Journal of Cancer Prevention 20(5):1571-1577.(I.F-2.514)

xiii. Vimal Maurya, Pranesh Kumar, Sreemoyee Chakraborti, Ashok K Singh, Archana S. Bhadauria, Umesh Kumar, Dinesh Kumar, Amab, Parmanik, Biswajit Saha, Venkatesh Kumar R, **Sunil Babu Gosipatala**, Bolay Bhattachariya, Biswanath Maity, Sudipta Saha (2019). Zolmitriptan attenuates hepatocellular carcinoma via activation of caspase mediated apoptosis. Chemico-Biological Interactions 308:120-129 **(**I.F-2.577)

xiv. Piyush Chaudhary, **Gosipatala Sunil Babu** and Ranbir Chander Sobti (2019). HGF regulate HTR-8/SVneo trophoblastic cells migration/invasion under hypoxic conditions through increased HIF-1 alpha expression via MAPK and PI3K pathways. J Cell Communication and signalling .https://doi.org/10.1007/s12079-019-00505-X) (I.F.2.516).

xv. Piyush Chaudhary, Sudha Saryu Malhotra, **Gosipatala Sunil Babu,** Ranbir Chander Sobti and Satish Kumar Gupta (2018). HGF promotes HTR-8/SVneo cell migration through activation of MAPK/PKA signaling leading to up-regulation of WNT ligands and integrins that target b-catenin. Mol. Cell. Bioche. 453(1-2) 11-32. (I.F.2.561).

xvi. Palepu Teja Ravinder, Vidya Sagar Choppella, anil Kumar Mokshagundam, M Kiruba, **Sunil G Babu**, Korupolu Raghu Babu, L John Berchmans and Gosipathala Sreedhar (2018). Enhanced visible –light- driven photocatalysis of Bi2YO4Cl heterostructures functionalized by bimetallic RhNi nanoparticles. Frontiers of Materials Science (12).405-414 (IF. 1.478)

xvii. Amit Rai, Umesh Kumar, Vinit Raj, Ashok K Singh, Pranesh Kumar, Amit K Keshari, Dinesh Kumar, Biswanath Maity, Arnab De, Amalesh Samanta, Sneha Nath, Anand Prakash, **Sunil Babu Gosipatala**, Gyan Chand, Sudipta Saha **(2018).** Novel 1,4-benzothazines obliterate COX-2 mediated JAK-2/STAT-3 signals with potential regulation of oxidative and metabolic stress during colorectal cancer. Pharmcol Res. 129. (I.F. 4.897) .

xviii. Sharma M, Akhter Y, Chatterjee S (2019) A review on remediation of cyanide containing industrial wastes using

biological systems with special reference to enzymatic degradation. World J MicrobiolBiotechnol 35: 70. https://doi.org/10.1007/s11274-019-2643-8

xix. Monica Sharma, **Yusuf Akhter*** and Subhankar Chatterjee (2019) A review on remediation of cyanide containing industrial wastes using biologica systems with special reference to enzymatic degradation.

xx. Springer ***World Journal of Microbiology and Biotechnology***. DOI: 10.1007/s11274-019-2643-8

xxi. Rishi Mahajan, Shalini Verma, MadhulikaKushwaha, Dharam Singh, **Yusuf Akhter*** and SubhankarChaterjee (2019) Biodegradation of di n butyl phthalate by psychrotolerantSphingobiumyanoikuyae strain P4 and protein structural analysis of carboxylesterase involved in the pathway.Elsevier *International Journal of Biological Macromolecules.* DOI: 10.1016/j.ijbiomac.2018.10.225

xxii. Vijay Y Muley, **Yusuf Akhter**, Sanjeev Galande (2019).

xxiii. PDZ Domains across the microbial world: Molecular Link to the Proteases, Stress Response and Protein Synthesis. Oxford University Press *Genome BiolEvol.* DOI: 10.1093/gbe/evz023.

xxiv. Shikha Sharma, Mushtaq Ahmed, **Yusuf Akhter*** (2019)

xxv. The molecular link between tyrosol binding to tri6 transcriptional regulator and downregulation of trichothecene biosynthesis.Elsevier *Biochimie*. DOI: 10.1016/j.biochi.2019.01.021.

xxvi. Ashutosh Prince, Anuj Tiwari, Pankaj Ror, Padmani Sandhu, Jyoti Roy, SumanJha, BibekanandMallick, **Yusuf Akhter**, Mohammed Saleem (2018) Attenuation of neuroblastoma cell growth by nisin is mediated by modulation of phase behavior and enhanced cell membrane fluidity.Royal Society of Chemistry***Physical*** *Chemistry Chemical Physics* DOI: 10.1039/C8CP06378H.

xxvii. Poulomi Chakraborty, Akshay Vishnu Daware, Monika Kumari, Ahana Chatterjee, Disha Bhattacharyya, GarbitaMitra, **Yusuf Akhter**, SurajitBhattacharjee, Prosun Tribedi1 (2018). Free tryptophan residues inhibit quorum sensing of Pseudomonas aeruginosa: a potential approach to inhibit the development of microbial biofilm.Springer *Archives of Microbiology*. DOI: 10.1007/s00203-018-1557-4

xxviii. Razak Hussain, Mushtaq Ahmed, Tabreiz Ahmad Khan and **Yusuf Akhter*** (2018) Augmentation of Cytochrome P450 monooxygenase catalysis on its interaction with NADPH-Cytochrome P450 reductase FMN domain from Trichodermabrevicompactum. Elsevier ***The*** *International Journal of Biochemistry & Cell Biology*. DOI: Page 6 of 18 10.1016/j.biocel.2018.08.007

xxix. Iqbal Azad, Asif Jafri, Tahmeena Khan, Yusuf Akhter, Md Arshad, Firoj Hassan, Naseem Ahmad, Abdul Rahman Khan, Malik Nasibullah (2018) Evaluation of pyrrole-2,3-dicarboxylate derivatives: Synthesis, DFT analysis, molecular docking, virtual screening and in vitro anti-hepatic cancer study. Elsevier *Journal of Molecular Structure.* DOI: 10.1016/j.molstruc.2018.08.049

xxx. P. V. Parvati Sai Arun1, C. Obula Reddy and Yusuf Akhter (2018) Uddanam Kidney Nephropathy Under the Light of Metagenomics Perspective. Springer SN Comprehensive Clinical Medicine DOI:10.1007/s42399-018-00085

xxxi. Tapan Das, ManashChndra Das, Antu Das, SukhainBhowmik, Padmani Sandhu, **Yusuf Akhter**, Utpal De, SurajitBhattacharjee. (2018). Modulation of *S. aureus* and *P. aeruginosa* biofilm: an in vitro study with new coumarin derivatives. Springer *World Journal of Microbiology and Biotechnology*, 34(11). DOI:10.1007/s11274-018-2545-1

xxxii. Aarti Rana, Shweta Thakur, Girish Kumar and **Yusuf Akhter*** (2018) Recent Trends in System-Scale Integrative Approaches for Discovering Protective Antigens Against Mycobacterial Pathogens. Frontier Journals *Frontiers in Genetics*, DOI:10.3389/fgene.2018.00572

xxxiii. Rishi Mahajan, Shalini Verma, MadhulikaKushwaha, Dharam Singh, **Yusuf Akhter***, &Subhankar Chatterjee. (2018). Biodegradation of di-n-butyl phthalate by psychrotolerantSphingobiumyanoikuyae strain P4 and protein structural analysis of carboxylesterase involved in the pathway. Elsevier *International Journal of Biological Macromolecules*, DOI:10.1016/ j.ijbiomac.2018.10.225

xxxiv. Ashutosh Kumar, Anwar Alam, Sonam Grover, Saurabh Pandey, DeekshaTripathi, Monika Kumari, Mamta rani, Aditi Singh, **Yusuf Akhter**, NasreenEhtesham, Seyed E Hasnain (2018) Peptidyl-prolylisomerase-B is involved in *Mycobacterium tuberculosis* biofilm formation: a generic target for drug repurposing-based intervention. Nature publishing group *npj Biofilms and Microbioms*, DOI: 10.1038/ s41522-018-0075-0

xxxv. Shomereeta Roy, Souvick Roy, MadhabanandaKar, Shweta Thakur, **Yusuf Akhter**, Amit Kumar, Francesco Delogu, SwatishreePadhi, ArkaSaha and Birendranath Banerjee (2018) P38 MAPK pathway and its interaction with TRF2 in cisplatin induced chemotherapeutic response in head and neck cancer, Nature publishing group *Oncogenesis*, DOI: 10.1038/s41389-018-0062-6

xxxvi. ArkaSaha, Souvick Roy, Shomereeta Roy, Shweta Thakur, SwatishreePadhi, MadhabanandaKar, **Yusuf Akhter**, Birendranath Banerjee (2018) Telomeric TRF2 is involved in Orosphere formation and CSC phenotype maintenance through efficient DNA repair pathway and is correlated to disease relapse.Springer *Stem Cell Reviews and Reports*, DOI: 10.1007/s12015-018-9823-zs

xxxvii. Shomereeta Roy, Souvick Roy, Aarti Rana, **Yusuf Akhter**, Manoor Prakash Hande, Birendranath Banerjee (2018) The role of p38 MAPK pathway in p53 compromised state and telomere mediated DNA damage response. Elsevier *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*, DOI:10.1016/j.mrgentox.2018.05.018

xxxviii. MadhulikaKushwaha, Virender Kumar, Rishi Mahajan, Tek Chand Bhalla, Subhankar Chatterjee, **Yusuf Akhter*** (2018) Molecular insights into activity and mechanism of cyanide hydratase enzyme associated with

cyanide biodegradation by Serratiamarcescens Springer *Archives of Microbiology*.DOI: 10.1007/s00203-018-1524-0

xxxix. Dhandapani G, Sikha T, Rana A, Brahma R, **Yusuf Akhter**, GopalakrishnanMadanan M (2018).Comparative proteome analysis reveals pathogen specific outer membrane proteins of Leptospira. Wiley, *Proteins*, DOI: 10.1002/prot.25505.

xl. Sharma S, Ahmed M, **Yusuf Akhter*** (2018). The revelation of selective sphingolipid pathway inhibition mechanism on fumonisin toxin binding to ceramide synthases insusceptible organisms and survival mechanism in resistant species. Elsevier *Biochimie*.DOI: 10.1016/j.biochi.2018.03.014.

xli. Jamwal G, Singh G, Dar MS, Singh P, Bano N, Syed SH, Sandhu P, Yusuf Akhter, Monga SP, Dar MJ (2018). Identification of a unique loss-of-function mutation in IGF1R and a crosstalk between IGF1R and Wnt/â-catenin signaling pathways. Elsevier Biochim Biophys Acta. DOI: 10.1016/j.bbamcr.2018.03.013.

xlii. Azad I, Nasibullah M, Khan T, Hassan F, **Yusuf Akhter** (2018).Exploring the novelheterocyclic derivatives as lead molecules for design and development of potentantial cancer agents. Elsevier *J Mol Graph Model*. 2018 May; 81:211-228. DOI:10.1016/j.jmgm.2018.02.013.

xliii. ArunParvati Sai PV, SK Miryala, A Rana, S Kurukuti, **Yusuf Akhter**, SailuYellaboina (2018).System-wide coordinates of higher order functions in host-pathogen environment upon *Mycobacterium tuberculosis* infection. Nature publishing group ***Sci Rep.*** **2018 Mar 22;8(1):5079**. DOI:10.1038/s41598-018-22884-8.

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

Prof D R modi

i. Training on Faculty Development Program organized by Center of Technology & Entrepreneurship Development (CTED) in association with Entrepreneurship Development Institute of India (EDII), Ahmadabad and sponsored by Department of Science & Technology (DST), Govt of India, New Delhi 08.01.2019 to 19.01.19.

Prof. Sangeeta Saxena

i. **Resource person** in" Seven Days National Workshop on Research Methodology" organized by department of Rural Management, BBAU, Lucknow. March 8-March 14, 2019.

ii. Participated in One day Seminar on "Latest Trends in Biotechnology for the benefit of Uttar Pradesh" organized by CST, UP, on 12 march 2019.

iii. Participated in Annual BSBE winter meeting on" Computational Biology in Disease Mechanism" held at IIT Kanpur, Dec.7-9 2018.

Dr. G. Sunil Babu

i. Attended 2nd International Conference on "Energy , functional materials and nanotechnology & sustainable environmental management (ICEFN & SEM-2019), organized by NanoScience and Nanotechnology Centre, Kumaun University, Nainital-263002 and given

invited talk on the "**Therapeutic prospects of miRNA's in HCMV etiology"** held during 24-26th May 2019.

Dr. Monica Sharma

i. Two day training Workshop on The Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013. Organized by National Law University, Delhi (6th and 7th October, 2018)

ii. Annual BSBE Winter meeting "Computational Biology in Disease mechanisms" Indian Institute of Technology Kanpur, December 7-9, 2018.

iii. One day seminar on Latest Trends In Biotechnology for the benefits of Uttar Pradesh on 12 March, 2019, Council of Science& Technology, U.P.

iv. Organiser- World Immunology Day 29th April 2019, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Yusuf Akhter

i. Yusuf Akhter. Attended as invited delegate at the seminar on Innovative Software for Molecular Discovery and Design at Central Drug Research Institute, Lucknow (Organized by Cresset Bimolecular Discovery Limited), 20th November, 2018

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

Prof. Sangeeta Saxena

i. **Attended, international course** on"**RNA Structure and Function** and delivered a lecture on "Plant miRNAs: Do they play a key role in Cross Kingdom Gene Regulation?" held during 19-22 March 2018 at Trieste-Italy (**International Course**).

12. Details of invited lecture inside the country:

Prof. Sangeeta Saxena

i. **Resourceperson** in"Seven Days National Workshop on Research Methodology "organized by department of Rural Management,BBAU, Lucknow.March 8-March 14 ,2019

Dr. G. Sunil Babu

i. Delivered an invited talk on "**Therapeutics prospects of miRNA's in HCMV etiology"** in 2nd International Conference on Energy, Functional Materials and Nanotechnology & Sustainable Environmental Management (ICEFN & SEM-2019) organized by Nanoscience & Nanotechnology Centre, Department of Chemistry, Kumaun University, Nanitaal during 24th to 26th May, 2019.

ii. Delivered a invited talk on **"Regulatory role of HCMV miRNAs on Cellular apoptosis"** in Northern Zone ACBICON2018" organized by Dept. of Biochemistry, King George Medical University, Lucknow during 21 & 22nd July,2018.

Dr. Yusuf Akhter

i. Delivered an invited lecture entitled "Drug efflux in Mycobacterium tuberculosis: From molecular mechanisms to molecular evolution" at National Conference on Interdisciplinary Advancements in Biochemistry, Dr Rammanohar Lohia Awadh University, Faizabad, Ayodhaya on 28-29 March, 2019.

ii. Delivered an invited lecture entitled "Macromolecular structure databases" at Golden Jubilee Bioinformatics workshop entitled "Transcriptomics Data Analysis: Bioinformatics Perspective", CSIR-Central Institute of Medicinal and Aromatic Plant, Lucknow on 17-18 March, 2019.

13. Details of invited lecture outside the country

Prof. Sangeeta Saxena

i. Delivered a lecture **on** "Plant miRNAs: Do they play a key role in Cross Kingdom Gene Regulation?"at **International Course on RNA Structure and Function**, held during 19-22 March 2018 at Trieste-Italy

14. Details of Research Projects (major/ minor): None

Prof. Sangeeta Saxena

i. Role of miRNA(s) in *Carica papaya* leaf juice for accelerating blood platelet count during dengue fever (DH): An augment for Dengue therapy. Awarded by CST,UP, 2015-2018 Ongoing

Dr. G. Sunil Babu

i. Principal Investigator in DST-SERB funded project under Empowerment and Equity Opportunity and Excellence in Science (EEQ) entitled "Investigation(s) of HCMV miRNAs role on cellular autophagy" (20th March, 2018 to Date and Budget 46.56 Lakhs).

ii. Principal Investigator in DBT funded project entitled "Identification of HCMV miRNA to overcoming cellular Apoptosis" (1st June, 2017 to Date and Budget 74.88 Lakhs).

Dr. Monica Sharma

i. Investigational analysis of thermal springs for biotechnologically important enzymes using metagenomics approach. P.I. Dr. Monica Sharma (Grant 6.8 Lakhs). Council of Science and Technology Uttar Pradesh (CST UP/8275)

Dr. Yusuf Akhter

ii. Title: Identification of outer membrane proteins in *Mycobacterium leprae* and subsequent selection and analysis of epitopes to target immunogenic candidate proteins. **Sanction No:** BIC/12 (04) 2014- Submission ID: 2014-0810.**Total Cost:** 49,28,000 Rs. (proposed), **Agency:** Indian Council of Medical Research, **Present Status:** Ongoing

iii. **Title:** Genome wide identification of metal binding proteins in bread wheat (BT/PR13692/BID/7/2015), **Agency:** Department of Biotechnology (DBT), Govt. of India, **Budget:** Rs. 25 lakhs (Sanctioned), **Present status:** Ongoing, **Role:** Principal Investigator.

iv. **Title:** Genome wide screening of outer membrane proteins in *Mycobacterium avium* subsp. *Paratuberculosis* (MAP) K-10: a repertoire of candidate immunogens for translation medicine. **Agency:** SERB (Science and Engineering Research Board) (Govt. of India), **Budget:** Rs. 26 lakhs (Sanctioned), **Present status:** Completed, **Role:** Principal Investigator

v. **Title:** A project proposal on targeting novel prokaryotic ubiquitin like post-translational modification pathway for therapeutic interventions against *Mycobacterium tuberculosis*. **Agency:** UGC (University Grants Commission) (Govt.

of India), **Budget:** Rs. 17.55 lakhs (Sanctioned), **Present status:** Completed, **Role:** Principal Investigator

15. Details of Training

Dr. Monica Sharma

i. Training on Faculty Development Program organized by Center of Technology & Entrepreneurship Development (CTED) in association with Entrepreneurship Development Institute of India (EDII), Ahmadabad and sponsored by Department of Science & Technology (DST), Govt. of India, New Delhi 08.01.2019 to 19.01.19.

ii. Attended UGC sponsored three weeks Refresher Course in Life Sciences from 03.09.2018 to 22.09.2018 at Human Resource Development Centre, Himachal Pradesh University, Shimla, Himachal Pradesh 171005

16. Students achievements: x

i. Ph.D student Mr. Jai Godheja joined as Assistant Professor in ITM University, Raipur in 2018.

ii. Ph.D student Mr. Sudhir Kumar Shekhar joined as ICMR-RA in 2019.

iii. Dr. Aradhana Lucky Hans, NPDF (SERB, DST). A siRNAbasedstrategy to develop resistant papaya against *papayaringspot virus* (PRSV-P). (01 04.2019 to 31 .03.21)

iv. Dr. Ritesh Mishra, .D.S. Kothari Post Doctoral Fellow. Engineering for leaf curl disease resistance in papaya by using RNA –Interference to knock down papayaleafcurl virus coatprotein (AV1), replicasegene (AC1) and AC4 gene expression. (09.07.2018 to 08 July 2021)

v. Dr. Virendra Shukla NPDF (SERB, DST) Govt of India. Unraveling the curcumin induced longetivity signal transduction pathways in *Caenorhabditiselegans.* (13 .04. 2018 to 09-01 2019))

vi. One of Ph.D student Mr. Abhishek Pandeya got ICMR-SRF fellowship during the year 2019

vii. MsGarima Chauhan Qualified UGC-CSIR JRF

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

Prof. Sangeeta Saxena

i. Kriti Roopendra. Department of Biotechnology, Babasaheb Bhimrao Ambedkar University. Lucknow. "Transcriptome analysis of source sink dynamics associated with sugar accumulation in sugarcane"(15.07. 2019)

ii. Priyanka Varun. Department of Biotechnology, Babasaheb Bhimrao Ambedkar University. Lucknow "Development of generic resistance strategy against PaLCuV infection based on viral genomic variability"(10.05.2019)

Dr. G. Sunil Babu

i. Mr. Piyush Chaudhary got awarded Ph.d

Dr. Yusuf Akhter

i. Dr. Aarti Rana

ii. Dr. Padmani Sandhu

iii. Dr. Indu Kumari

19. Faculty wise Supervision of the student pursuing Ph. D degree

Sl. No.	Name of faculty	No of students
1.	Dr. G. Sunil Babu	4
2	Dr. Monica Sharma	2

20. Accomplishments of students

- Number of students completed their masters :**30**
- Number of student pursuing higher studies **:01**
- Number of students awarded SLET/ NET/JRF/any other fellowship**: NET:03, JRF:02**

21. Google profile (as on 26.08.19) of the Faculty members

Prof. Dinesh Raj Modi,

	All	Since 2014
Citations	1057	607
h-index	15	11
i10-index	24	17

Prof. SangeetaSaxena

Cited by VIEW ALL

	All	Since 2014
Citations	686	309
h-index	14	11
i10-index	20	13

Dr. G. Sunil Babu

	All	Since 2014
Citations	179	132
h-index	7	7
i10-index	6	6

Dr. Monica Sharma

	All	Since 2014
Citations	421	269
h-index	9	9
i10-index	9	9

Dr. Yusuf Akhter

	All	Since 2014
Citations	917	690
h-index	16	15
i10-index	25	24

DEPARTMENT OF ZOOLOGY

Department of Zoology comes under school Life Sciences. The Department runs a Post Graduate and Under Graduate degree, in M.Sc. Zoology, M.Sc. Life Sciences and B.Voc. with three specializations viz., Sericulture, Fisheries, Apiculture, Pearl Culture, Prawn Culture,Livestock Production and Parasitology. The main aim of the department is to impart training to students by which they can become self-employable and attain the heights of success in future. In India, Sericulture and Fisheries have been developed as agro-based industries with a vast potential to the rural economy. These areas generate employment opportunities as given below: a) Direct employment through mulberry cultivation, nursery management, silkworm rearing and cocoon production; b) Indirect employment through Silk rearing, twisting, warping, dying and weaving; and c) Generation of employment and revenue through inland fish culture. In addition, the curriculum of M.Sc. Zoology includes general papers such as Biochemistry and Development Biology and Tools and Techniques in Biology which provides an ample knowledge in the domain of Life Sciences. The Department has well equipped research laboratory as well as silkworm rearing and reeling unit and offers Ph.D. programme in the field of Sericulture, Fisheries, Parasitology, Animal Behaviour and Conservation Biology

1. Course Offered

i. Ph. D. Zoology

ii. M. Sc.Zoology

iii. M. Sc.Life Sciences

iv. B.Voc. Livestock Production and Management.

2. Facilities available in the department

i. Laboratories for M.Sc. and B.Voc. Students.

ii. Research Laboratories.

iii. Central Instrumentation Laboratory.

iv. Smart Classrooms.

v. Departmental Library.

vi. Rearing House.

3. Details of Faculty

i. Prof. Kamal Jaiswal

Professor

Qualification: M.Sc., Ph. D., F.Z.S.I., F.S.L.Sc.

Specialization: Animal Science, Zoology, Parasitology, Sericulture, Silkworm Pathology, Silkworm Rearing, Silk Reeling

Experience: 25 Years

ii. Dr. V.Elangovan

Associate Professor

Qualification: Ph.D.

Specialization: Animal Behaviour

Experience: 17 Years

iii. Dr. Venkatesh Kumar R.

Assistant Professor

Qualification: M.Sc. Ph.D. UGC-SLET

Specialization: Sericulture & Natural Product Research

Experience: 14 Years

iv. Dr. Suman Mishra

Assistant Professor

Qualification: M. Sc., Ph. D., F.Z.S.I., F.S.L.Sc., F.I.A.E.S

Specialization: Parasitology

Experience: 18 Years,

v. Dr.Abha Mishra

Designation: Assistant Professor

Qualification: Ph.D.

Specialization: Fish and Fisheries

Experience: 18 Years

vi. Dr. Sandhya

Name: Dr. Sandhya

AssistantProfessor

Qualification: Ph.D. (Zoology)

Specialization: Fish Biology and Ecotoxicology

Experience: 04 Years 08 Months

vii. Dr. Neeshma Jaiswal

Designation: Assistant Professor

Qualification: M.Sc., D.Phil., F.Z.S.I., F.H.S.I.

Specialization: Molecular Parasitology, Environmental Biology

Experience: 12 Years

4. Details of Seminar / Conference organized by the department

i. Organized Special Lecture series on National Science Day on the theme of "Skill Development and Capacity Building" by Prof. Bhumitra Dev from Lucknow University, Prof. B. N. Pandey from Gaya University , Prof. Fayaz Ahmad from Kashmir University and prof. Sandeep K. Malhotra from Allahabad University.

ii. One day Awarness workshop on "Enterpreneurship Development Possibilities based on Mgiri Technologies".

5. Other departmental level Academic Activities

i. Organized Special Lecture by Prof. M. S. Johal, Akal University Talwandi Sabo, Bathinda , Punjab.

6. Co-curricular/Extra-curricular/sports Activity by the department

i. Cultural programs organized by students on various occasions like Teachers day, Welcome, Farewell etc, Plantation drives, swachhata abhiyan.

7. Visitors of Department from inside the country

i. Prof. Bhumitra Dev from Lucknow University

ii. Prof. B. N. Pandey, Ex-Head Department of Zoology, Magadh University, Bodh Gaya.

iii. Prof. Fayaz Ahmad ,Department of zoology, Kashmir University

iv. Prof. Sandeep K. Malhotra , Allahabad University

v. Prof. M. S. Johal, Akal University Talwandi Sabo, Bathinda , Punjab.

vi. Prof.B. D.Joshi, Department of Zoology & Environmental Science, Gurukul Kangari University.

vii. Prof.P.N.Pandey , Department of Zoology, Ranchi University

viii. Prof. Kuldeep Sharma, Department of Zoology, Jammu University

ix. Dr.Sarbjit Singh Dang, Ex-PWD Minister

8. Members/fellowship of professional/axcademic bodies/ editorial board:

Prof. Kamal Jaiswal

i. Member, Finance Committee of the University.

ii. Member, Academic Council of the University.

iii. Coordinator, M.Sc. in Life Science.

iv. Member, Board of Management, Rajasthan University of Veterinary and Animal Sciences, Bikaner

v. Member, Board of Studies, Dept. of Zoology, University of Kashmir, Srinagar.

vi. Member, Board of Studies, Dept. of Zoology, Mohammad Ali Jauhar University, Rampur, U.P

vii. National Secretary, Zoological Society of India, Bodh Gaya, India

viii. Former Member, Executive Committee, Zoological Society of India, Bodh Gaya, India

ix. Editor, Proceedings of Zoological Society of India, Bodh Gaya, Bihar

x. Member, Editorial Advisory Board, National Journal of Life Sciences, Satna, M.P

xi. Life member, Indian Academy of Science and Nature.

xii. Life Member, Indian Science Congress.

xiii. Life Member, Environmental Protection and Rural Advancement Society.

xiv. Life Member, National Academy of Sericultural Sciences.

xv. Life Member, National Journal of Life Sciences

xvi. Life Member, Glocal Environment & Social Association (GESA), New Delhi, India.

xvii. Life Member, Blue Planet Society (BPS), Prayagraj, U.P., India.

xviii. Life Member of Inland Fisheries Society of India (IFSI), Barrackpore

xix. Life Member of the Indian Academy of Environmental Sciences, Hardwar

xx. Life Member of Society of Life Sciences

xxi. Life Member of Zoological Society of India

xxii. Life Member of Indian Society for Parasitology

Dr. Suman Mishra

i. Co-Coordinator, M.Sc. in Life Science.

ii. Member, Basic Facilities for Women, BBAU

iii. Training and Placement Officer (TPO), SBBT/DoZ, BBAU

iv. Member, Committee of Recruitment & Promotion Rules for non-teaching Staff of the University, BBAU

v. Member, Admission Committee, DoZ, BBAU

vi. Convenor & Member, Research Scholar Grievance Committee, DAAS, BBAU

vii. Jt. Secretary, Zoological Society of India, Bodh Gaya, India

viii. Member, Executive Committee, Zoological Society of India, Bodh Gaya, India

ix. Incharge, Regional Chapter, Zoological Society of India, Bodh Gaya, India.

x. Life Member, Glocal Environment & Social Association (GESA), New Delhi, India.

xi. Life Member, Blue Planet Society (BPS), Prayagraj, U.P., India.

xii. Life Member, The Cytometry Society of India

xiii. Life Member of Inland Fisheries Society of India (IFSI), Barrackpore

xiv. Life Member of the Indian Academy of Environmental Sciences, Hardwar

xv. Life Member of Society of Life Sciences

xvi. Life Member of Zoological Society of India

xvii. Life Member of Indian Science Congress Association

xviii. Life Member of Indian Society for Parasitology

Dr.Abha Mishra

i. Member of **Departmental Research Committee** of DAAS for three year (Nov 2017-2020)

Dr.Sandhya

i. Member of Board of Post Graduate Studies (BPGS) of Department of Zoology for three years (Nov 2018-21)

ii. Member of Departmental Research Committee

iii. Member of Dissertation Supervisor allotment committee

iv. Member of M.Sc. Admission Committee

v. Member of Committee of Basic facilities for women

Dr.Neeshma Jaiswal

i. Editorial Board Member- Journal of Biological Sciences and Medicine, Co-ordinator of B.Voc. Live stock Production & Management

ii. Member of Board of Post Graduate Studies Member of Departmental Research Committee

iii. Member of Dissertation Supervisor allotment committee

iv. Member of Departmental Admission Committee

9. Details of Book written/edited by faculty members

Prof. Kamal Jaiswal

i. Contemporary Issues in Higher Education, Army Printing Press, Lucknow. 2018, ISBN No. 978-81-937626-0-8

ii. Reinventing the Women Past, Present and Future, Army Printing Press, Lucknow. 2018, ISBN: 978-81-932605-0-0

iii. भारतीय वैश्विक विचारक–चिंतन और योगदान, Army Printing Press, Lucknow. 2018, ISBN: 978-81-932605-7-9

10. Details of Book Chapter in edited volume

Prof. Kamal Jaiswal

i. Dr manmohan singh: bharat mei arthik sudhar ka pranata in Bhartiya vasvik vicharak –chintan aur yogdan, Army Printing Press, Lucknow. 2018, ISBN: 978-81-932605-7-9.

ii. Adunik bharat ka nirman mei sardar vallabh bhai patel ka vichar aur bhumika in Army Printing Press, Lucknow. 2018, ISBN: 978-81-932605-7-9

iii. Pt Deen dayal Upadhya: Mahan Neta, Vinamar Vaktitato pranata in Bhartiya vasvik vicharak –chintan aur yogdan, Army Printing Press, Lucknow. 2018, ISBN: 978-81-932605-7-9

Dr. Venkatesh Kumar R.

i. "Silkworm. A unique Creature for Natural Products", Insect Based Natural Product: Chemistry and Application, Springer Nature

11. Paper published during the year by the faculty members

Prof. Kamal Jaiswal

i. N. Kumar, Suman Mishra and **K. Jaiswal** (2019), Acaricide resistance status of Rhiphicephalus (Boophilus) microplus against Cypermethrin and Deltamethrin in Uttar Pradesh. Pgs.994-999, International Journal of Research and Analytical Reviews (IJRAR) Vol. 6 (1):713-723. E-ISSN:2348-1269, P-ISSN-2349-5138

ii. N. Kumar, Suman Mishra and **K. Jaiswal**(2019), Prevalence of Ticks In Cattle and Buffaloes: A Detailed Investigation at Barabanki District, Uttar Pradesh, India, International Journal of Research and Analytical Reviews (IJRAR) Vol. 6 (1):994-999. E-ISSN:2348-1269, P-ISSN-2349-5138

iii. J. Pandey,SumanMishra and **K. Jaiswal** (2018), *In vitro* anthelmintic efficacy of *Trigonella foenum-graecum* seed extract on *Haemonchus* sp. (an abomasal parasite) in goats, International Journal of Advanced Scientific Research and Management, Vol., 3(11): 188-193. ISSN:2455-6378

iv. D. Kashyap, SumanMishra and **K. Jaiswal** (2018), Microsporidia as an entomopathogen: A review. International Journal of Advanced Scientific Research and Management, volume 3 (9) : 68-75 ISSN: 2455-6378 ***.UGC Listed J.No. 63502***

v. J. Pandey,Suman Mishra and **K. Jaiswal**(2018), *In vitro* evaluation of the anthelmintic activity of rhizome extracts of *Curcuma longa* (Linn.), Asian Journal of Pharmaceutical and Clinical Research, vol. 11(12):425-428 E-ISSN:2455-3891, P-ISSN-0974-2441.

vi. L. Rastogi, **K. Jaiswal** and Suman Mishra (2018), *In vitro* antibacterial activity screening of selected medicinal plants against different enteric pathogen isolated from soil and water, International Journal of Recent Scientific Research (IJRSR), Vol. 9, Issue 7 (A), pp. 27744-27750 ISSN:0976-3031 ***Peer Reviewed Journal.***

Dr. V.Elangovan

i. Pawan Kumar Misra, Neelam Kumari Gautam and **Vadamalai Elangovan(2019)**, Morphological and Molecular Characterizations of Guanophilic Fungi of Bats., Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.

Dr. Venkatesh Kumar R.

i. Brijesh Ranjan, Pranab Lal Pakrasi and **Venkatesh Kumar R (2018)**, Antioxidant and anti-diabetic potential of MR-1 mulberry variety., *International Journal of Pharmacy and Biological Sciences* 8(4) 904-914, ISSN: 2230-7605**.**

ii. **Venkatesh Kumar R.** Shaurabh Pandey and Anurag Rawat**(2018)**, Effect of Tannery sludge on gut region of earthworm, *Eisenia foetid.*, *Int J Recent Sci Res* 9(4), 26154-26158

iii. Vimal Maurya, Pranesh Kumar, Sreemoyee Chakraborti, Ashok K. Singha Archana S. Bhadauria Umesh Kumar Dinesh Kumar Arnab Pramanik Biswajit Sahad, **Venkatesh Kumar R., (2018)**, Zolmitriptan addenuates hepatocellular

carcinoma via activation activation of caspase mediated apoptosis. , *Chemico-biological interactions*,308 pp 120-129 ISSN No. 0009-2797.

Dr. Suman Mishra

i. N. Kumar, **Suman Mishra** and K. Jaiswal (2019), Prevalence of ticks in cattle and buffaloes: A detailed investigation at Barabanki District, Uttar Pradesh, India, International Journal of Research and Analytical Reviews (IJRAR) Vol. 6 (1):713-723. E-ISSN:2348-1269, P-ISSN-2349-5138

ii. N. Kumar, **Suman Mishra** and K. Jaiswal(2019), Acaricide resistance status of *Rhiphicephalus (Boophilus) microplus* against Cypermethrin and Deltamethrin, International Journal of Research and Analytical Reviews (IJRAR) Vol. 6 (1):994-999. E-ISSN:2348-1269, P-ISSN-2349-5138

iii. J. Pandey, **Suman Mishra** and K. Jaiswal (2018), *In vitro* anthelmintic efficacy of *Trigonella foenum-graecum* seed extract on *Haemonchus* sp. (an abomasal parasite) in goats, International Journal of Advanced Scientific Research and Management, Vol., 3(11): 188-193. ISSN:2455-6378

iv. D. Kashyap, **Suman Mishra** and K. Jaiswal (2018), Microsporidia as an entomopathogen: A review; International Journal of Advanced Scientific Research and Management, volume 3 (9) : 68-75 ISSN: 2455-6378,

v. J. Pandey, **Suman Mishra** and K. Jaiswal(2018), *In vitro* evaluation of the anthelmintic activity of rhizome extracts of *Curcuma longa* (Linn.), Asian Journal of Pharmaceutical and Clinical Research, vol. 11(12):425-428 E-ISSN:2455-3891, P-ISSN-0974-2441

vi. L. Rastogi, K. Jaiswal and **Suman Mishra**(2018), *In vitro* antibacterial activity screening of selected medicinal plants against different enteric pathogen isolated from soil and water, International Journal of Recent Scientific Research (IJRSR), Vol. 9, Issue 7 (A), pp. 27744-27750 ISSN:0976-3031

ii) Dr. Abha Mishra

i. **Mishra Abha** and Rawat Anurag, (2018), "Annual ovarian cycle of fresh water catfish Ompok *bimaculatus* (Bloch, 1794) from Gomti, India.", Indian Journal of Animal Sciences 88(3): 386-391. ISSN 0367-8318.

ii. **Mishra A**., Sarkar U.K., Kumar R., Rawat A., Verma S(2018), "Gonadal maturity assessment of butter catfish (*Ompok bimaculatus*) from Indian major rivers and tributaries during spawning season. ", Iranian Journal of Fisheries Sciences. 17(3) 458-470 (IF 0.527).

iii. **Abha Mishra,** Radha Chaube, K. P. Joy. (2018), "An *in vitro* study on noradrenergic modulation of final oocyte maturation in the catfish *Heteropneustes fossilis*. ", . Theriogenology (114)1-6.(IF 1.9).

iv. **Mishra Abha,** Singh Parmeshwar(2018), " Impact of chlorpyrifos on the ovary of the freshwater fish, *Channa punctatus*.", International Journal of Pharma and Bio Sciences. 9(3)(B);213-218.

v. **Mishra A** & Joy KP(2018), "Characterization of gonadotropin induced oocyte jelly coat from the catfish *Heteropneustes fossilis* (Bloch)", International Journal of Pharma and Bio Sciences. 9(3)(B);213-218.

iii) Dr. Neeshma Jaiswal

i. Shruti verma, **Neeshma Jaiswal** and Sandeep K.Malhotra., Distribution pattern of helminthes parasites in *Channa punctatus(2018)*, Journal of Biological Sciences and Medicine 4,4

ii. Anvita Tiwari ,Savita and **Neeshma Jaiswal,** Seasonal and temporal intervention of endoparasitic helminthes in freshwater fish *Wallago attu. (2018)*, Journal of Biological Sciences and Medicine 4,4 (December, 2018)

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

Prof. Kamal Jaiswal

i. Participated in National Science Day, Special Lecture Series (One day)in the capacity of Local Organizing Secretary on the theme of '**Skill Development and Capacity Building"** organized by Department of Zoology, on 28th February, 2019.

ii. Participated 31st All India Congress of Zoology & National Seminar on Climate-Smart Aquaculture and Fisheries (CSAF) organized by North East Society for Fisheries and Aquaculture (India) & Zoological Society of India, Gaya at Tripura, on 15-16 January 2019.

iii. Participated and delivered invited lecture in the 3-day National Seminar Animal Science Congress: Horizons in Zoological Studies organized by Department of Zoology, School of Biological Sciences, University of Kashmir, J & K, 4th – 6th August, 2018

iv. Participated in 13th Session J&K Science Congress organized by University of Kashmir in collaboration with J&K State, on April 2-4.

Dr. Venkatesh Kumar R.

i. Attended the National Workshop on Foldscope during 31st Ausust-1st September at MNNIT, Allahabad on Foldscope.

Dr. Suman Mishra

i. Participated and delivered invited lecture in the International Symposium on Recent Trends in Agriculture, Biodiversity and Social Sustainability (ABSS 2018) Organized by Blue Planet Society, Allahabad, U.P. 30th September and 1st October, 2018.

ii. Participated and delivered invited lecture in the 3-day National Seminar Animal Science Congress: Horizons in Zoological Studies organized by Department of Zoology, School of Biological Sciences, University of Kashmir, J & K, 4th – 6th August, 2018

Dr. Sandhya

i. Participated in Orientation Course held at HRDC Pondicherry University, Pondicherry from 01 June to 28 June 2018

ii. Participation in "National science day seminar" (One day seminar on the theme 'Skill Development and Capacity Building") organized by Dept. of Zoology. Also act as Local secretary in organizing the event.

iii. Participated in "Faculty Development Program" in Entrepreneurship (from 08.01.2019 to 19.01.2019) Sponsored by DST, Govt. of India and CTED, Amethi, Organized by Dept. of Biotechnology, BBAU, Lucknow

iv. Participated in "One day Conference on status of women in a society and inculcation of new thoughts for bringing changes" Organized by Committee of

Basic facilities for women, BBAU on 09, March 2019

v. Participated in "World Immunology Day" on 29th April, 2019, (Under the aegis of Indian Immunology Society) organized by Department of Biotechnology, BBAU

Dr. Neeshma Jaiswal

i. Participated in One Day National Conference on "Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for the Nation's Better Future" on April 14th 2018 organized by BBAU, Lucknow.

ii. Participated in Orientation Course held at HRDC Lucknow University, Lucknow from 03rd July to 31st July 2018 (28 days)

iii. Training on Faculty Development Program implemented by Centre of Technology and Entrepreneurship Development (CTED) in Association with Entrepreneurship Development Institute of India (EDII), Ahmedabad organized at BBAU, Lucknow Sponsored by Department of Science & Technology (DST), Govt. of India, New Delhi w.e.f. 8th January to 19th January, 2019 (10 days)

iv. Organized One day Awareness Workshop on Entrepreneurship Development Possibilities based on MGIRI Technologies (a beginner's workshop on sustainable development of agriculture and small scale industry), Wardha in association with Department of Zoology, BBAU & Zoological Society of India on 15th February, 2019.

v. Participated in 3rd National Symposium on Fish Parasites held on 8-9th September, 2018 organized by Department of Zoology, University of Lucknow and Sponsored by Indian Council of Agricultural Research, New Delhi.

vi. Participated and presented paper in 21st Indian Agricultural Scientists & Farmers' Congress (IASFC) on Prospects of Rural prosperity and income security of farmers on the occasion of Maha Kumbh Mela-An important step towards making new India w.e.f. February 16th -17th, 2019 at Bioved Krishi Prodyogiki Gram, Moharab Sringverpur, Allahabad under the auspices of Bioved Research Institute of Agriculture Technology & Sciences, Allahabad-228411, U.P.

vii. Organized and Participated in National Science Day, Special Lecture Series (One day)in the capacity of Local Organizing Secretary on the theme 'Skill Development and Capacity Building" organized by Department of Zoology, on 28th February, 2019.

viii. Dr. Neeshma Jaiswal, Participated and acted as a member in One day National Seminar on International Women's Day on the subject " Samaj mein mahilaon ki stithi avam parivartan ke liye Navachar" organized by Committee of Basic Facilities for Women, BBAU from 8th March, 2019.

12. Consultancy works, if any:

Dr. Neeshma Jaiswal

i. In Capacity of Vice President of Jana Jaiv Welfare Society (Regist. No. AL 19197), regularly give views and reports to the rural people (Fatehpur& Allahabad), enterpreneurs and others who are pursuing apiculture, mushroom cultivation, freshwater prawn culture and Khaki Campbell duck culture.

ii. Introduced Bee Keeping in BBAU to generate resources of income and to develop entrepreneurship and skill development among students and giving consultancy.

17. Details of invited lecture inside the country :

i. **Prof. Kamal Jaiswal**, Invited Lecture on Microsporidia: Distribution and Concerns for human health, 3-day National Seminar Animal Science Congress: Horizons in Zoological Studies organized by Department of Zoology, School of Biological Sciences, University of Kashmir, J & K, 4th – 6th August, 2018

ii. **Dr.Suman Mishra**,Invited Lecture, on "Microsporidiosis in Honey bees: Status and challenges", International Symposium Recent Trends in Agriculture, Biodiversity and Social Sustainability (ABSS 2018) Organized by Blue Planet Society, Allahabad, U.P. 30th September and 1st October, 2018.

iii. **Dr.Suman Mishra**, Invited Lecture on Microsporidia: Distribution and Concerns for human health, 3-day National Seminar Animal Science Congress: Horizons in Zoological Studies organized by Department of Zoology, School of Biological Sciences, University of Kashmir, J & K, 4th – 6th August, 2018

18. Details of invited lecture outside the country

i. **Dr. Venkatesh Kumar R.**delivered an invited talk on "Role of Endophytes in management of mulberry diseases" at the Institute of Plant Physiology and Ecology, Chinese Academy of Sciences, Shanghai on 26th May 2018 (During the visit of INSA –CAS International Bilateral exchange Programme)

19. Details of National Awards/ fellowship

i. **Prof. Kamal Jaiswal**, Excellent Faculty Award in the Field of "Education, Environment, Health and Social Awareness", Blue Planet Society, Allahabad (2018).

ii. **Dr.Venkatesh KumarR**.,INSA visiting scientist under International Collaborative/ Bilateral Exchange Programme (Short term fellowship granted by the INSA-CAS)

iii. Dr.Suman Mishra, ***Honour* for outstanding contribution in the field of animal science on the eve of3-day national seminar and animal science congress: horizons in zoological studies, Dept. of Zoology, University of Kashmir, 4-6 August, 2018 4th – 6th august, 2018**.

iv. **Dr.Suman Mishra, *Fellowship (FBPS)*,** Blue Planet Society during International Symposium on "Indiscriminate development: current scenario& socio-environmental challenges, BSI Auditorium, Allahabad, Blue Planet Society,18-19 March.

20. Details of Research Projects (major/ minor):

i. Dr.V.Elangovan is running a project titled 'Foraging behavior and ecological implications of insectivorous bats' funded by Science and Engineering Board, DST, New Delhi, No: EEQ/2018/ 000104 with a grant of Rs. 46,69,000/-

ii. Dr.Venkatesh Kumar R., is running a

project titled 'Studies on Forewarning of Mulberry and Non- Mulberry pests through Foldscope' funded by DBT with a grant of Rs. 8,00,000/-

iii. Dr. Abha Mishra, is running a project titled 'Enhancement of immunity and nutritional value of fresh water fish heteropneustes fossilis by novel arylvinypyrimidine derivatives' funded by DBT with a grant of Rs. 55,20,451/-

iv. Dr. Neeshma Jaiswal, is running a project titled 'Zoonotic induced alterations in histo-chemical correlates, oxidative stress and ecological dynamics of certain riverine fishes' funded by UGC-BSR with a grant of Rs. 10,00,000/-

21. Students achievements

- Karan Ph. D student: GATE qualified 2019
- Abhishek K. Gupta: CSIR –NET qualified December 2018
- Dhananjay Yadav: CSIR –NET qualified December 2018

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

- Prof. Kamal Jaiswal - 01
- Dr. Venkatesh kumar R. -02

II. Faculty wise Supervision of the Ph. D degree submitted:

- Prof. Kamal Jaiswal – 02
- Dr. Venkatesh kumar R. -01

III. Faculty wise Supervision of the student pursuing Ph. D degree

- Prof. Kamal Jaiswal- 06
- Dr.V.Elangovan-05
- Dr. Venkatesh Kumar R.-03
- Dr. Suman Mishra-03
- Dr. Abha Mishra-02
- Dr.Sandhya-02
- **Dr. Neeshma Jaiswal-03**

IV. Accomplishments of students

- Number of students completed their Masters/Graduation/Diploma-**31**
- Number of student pursuing higher studies-**05**
- Number of student selected on other government jobs/banking/school teaching etc- **05**
- Number of student awarded SLET/ NET/JRF/GATE/any other fellowship- **06**

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

Research Article-

Anvita Tiwari, Savita and Neeshma Jaiswal **(2018)**, Seasonal and temporal intervention of endoparasitic helminthes in fresh -water fish wallago attu.

23. Google profile of Faculty members-

Dr. Kamal Jaiswal

Cited by		**View All**
	All	**Since 2014**
Citations	397	165
h-index	11	9
i10-index	12	6

Dr.Venkatesh Kumar R Google scholar profile

Cited by	All	View All Since 2014
Citations	350	284
h-index	10	8
i10-index	11	8

Suman Mishra

Cited by	All	View All Since 2014
Citations	132	72
h-index	6	5
i10-index	5	2

Dr Abha Mishra

Cited by	All	View All Since 2014
Citations	305	191
h-index	9	7
i10-index	8	5

Dr. Sandhya Bharti

Cited by	All	View All Since 2014
Citations	89	80
h-index	4	4
i10-index	4	4

SCHOOL OF ECONOMICS AND COMMERCE

Department of Economics

Name of the department with details: The Department of Economics was originated in 2000 to provide quality education and training through advance method of learning and engaging the students and faculties with meaningful research. The department is committed to make an institute of academic excellence in teaching & research in applied and contemporary economic issues. The department currently run M.A., M.Phil. & Ph.D. Programmes in Economics. The department has well qualified faculties with National & International exposure in teaching & research. The department frequently updates the syllabus in order to cater to the demand of students.

1. Courses Offered:

i. M.A. in Economics

ii. M.Phil. in Economics

iii. Ph.D. in Economics

2. Facilities available in the department

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

ii. Departmental air conditioned library has latest text and reference books, journals, magazine, news papers, e-journals to support research students and projects.

iii. Smart class rooms are available in the department

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

3. Details of the faculty

i. Prof. N.M.P. Verma

Professor

Specialization: Development Economics, Macro Economics, Industrial Economics.

Qualification: M.A. Ph.D.

ii. Prof. Sanatan Nayak

Professor & Head

Specialization: Environmental Economics, Econometrics, Computer Applications in Economics, Agricultural Economics.

Qualification: M.A., M.Phil., Ph.D. M.Sc. (Ecology & Environment)

iii. Dr. L.C. Mallaiah

Associate Professor

Specialization: Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination.

Qualification: M.A. M. Phil. Ph.D.

iv. Dr. D. K. Yadav

Assistant Professor

Specialization: Monetary Economics, Econometrics Mathematical Economics, Statistics, Public Economics.

Qualification: M.A., Ph.D.

v. Dr. Surendra Meher

Assistant Professor

Specialization: Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics.

Qualification: M.A., M.Phil., Ph.D.

vi. Pranav Kumar Anand

Assistant Professor

Specialization: Agricultural Economics, Economics of Growth and Development, Quantitative Methods, Public Economics & Indian Economy.

Qualification: M.A., M.Phil., Ph.D.

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

i. Coordinated National Seminar on "Sectorial Choices and Scarcity in India" jointly organized by the BBAU and ASEDS, Prof. N M P Verma, Conference Coordinator, 14th -15th March, 2019.

ii. Organized 3rd Annual Conference of Association of Socioeconomic Development Studies, Prof. N M P Verma held at GIDS, Lucknow, and December 6-7, 2018.

iii. Conducted 10 days Training Programme on "Statistical Data Processing and Use of Unit Level Data of NSSO" by Prof. Sanatan Nayak, during 23rd April-2nd May, 2018 sponsored by ICSSR, New Delhi

iv. Prof. N M P Verma, Course Director organized Research Methodology Programme (sanction letter. F.NO. 5-20/ GEN/RMC/TCB/2017-18 dated, 05.02.2018 of Indian Council of Social Science Research, New Delhi) during October 24-November 02, 2018 for ten days, sanctioned amount: Rs. 5.50 lakhs and admitted 40 persons.

5. Other Departmental Level Academic Activities.

i. Special Lecture organized by the Department on "**Challenges of Teaching and Research in Economics in India**" 25th Feb., 2019 by Prof. Surinder Kumar, Visiting Professor, Department of Economics, School of Economics & Commerce (ESC), BBAU, Lucknow

ii. Special Lecture organized by the Department on "**Role of Assumptions in Economic Theory and Their Implication**" 27th Feb., 2019 by Prof. Surinder Kumar, Visiting Professor, Department of Economics, School of Economics & Commerce (ESC), BBAU, Lucknow

iii. Special Lecture organized by the Department on "Macroeconomic Policy and Structural Transformation in Indian Economy" 1st March, 2019 by Prof. Surinder Kumar, Visiting Professor, Department of Economics, School of Economics & Commerce (ESC), BBAU, Lucknow.

iv. Special Lecture organized by the Department on "Towards Peace, Harmony and Happiness: Economic Transition to Transformation" 06th March, 2019 by Prof. Surinder Kumar, Visiting Professor, Department of Economics, School of Economics & Commerce (ESC), BBAU, Lucknow

6. Details of the Memorandum of Understanding signed with National/Foreign Institutions, if any

Giri Institute of Development Studies (GIDS), Lucknow in 2014-15 continuing.

7. Co-curricular/Extra-curricular/Sport Activities.

Students participated in Games & Sports organised by BBAU

8. Visitors of Department from inside the country (during 01.04.2018 to 31.03.2019).

i. Prof. Sudhir K. Jain, IIT Delhi/ Ex- Vice Chancellor, Mata Vaisno Devi University.

ii. Prof. Manoj Dixit, VC, DRMLAU, Faizabad.

iii. Prof. Girish Chandra Saxena, Ex-VC, Agra University, Agra.

iv. Prof. P K Sinha, Ex-VC, DRMLAU, Faizabad.

v. Prof. P K Choubey, Director, IMS, Lucknow/ President, Indian Economic Association.

vi. Prof. D K Madaan, Head, Punjabi University, Patiala/ Secretary, Indian Economic Association.

vii. Prof. Surindra Kumar, Former Director, GIDS, Lucknow.

9. Members/Fellowship of Professional/Academic bodies/ Editorial board

Prof. N M P Verma

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

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

iii. Editorial Board, International Banking & Finance, USA.

iv. Editorial Board, Varta, published by Allahabad University.

v. President, ASEDS, Lucknow.

vi. Conference President, UP & Utrakhand Economic Association.

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

viii. Life Fellow, Indian Social Science Academy, Allahabad.

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

x. Life Member, Indian Political Economy Association.

Prof. Sanatan Nayak

i. Life member of the Indian Society for Ecological Economics (INSEE)

ii. Life member of the Indian Society for Agricultural Economics (ISAE)

iii. Life member of the Indian Economic Association (IEA)

iv. Life member of the Indian Political Economic Association (IPEA)

v. Life member of the Association of Socio-Economic Development Studies (ASED)

vi. Life Member of the Indian Society for Labour Economics (ISLE).

vii. Life Member (Fellowship) of the Indian Water Resources Society (IWRS).

viii. Life Member (Fellow) of Institution of Water & Environment (IWE).

10. Details of Books Written /Edited by Faculty Member

11.

Prof. NMP Verma

i. Edited two Volumes of **International Journal of Social Science Development Policy** published by BBAU/ ASEDS, Semi annual.

12. Details of Books Chapter in Edited Volume

Prof. Sanatan Nayak

i. The Potential Effect of Climate Change on Crops Productivity in Rural Uttar Pradesh: Evidence from Panel Data, in Paul, Sheeladitya and Subikash Chowdhury (eds.), **Issues in Rural Livilihood**, Progressive Publishers, Kolkata, 2018 along with Surendra Singh.

ii. Welfare Economy and Land Acquisition: Theoretical Underpinnings, in Mishra Sujit Kumar and R. Siva Prasad (eds.), **Displacement, Impoverishment and Exclusion**, Aakar Publications, New Delhi, 2018.

Dr. D K Yadav

i. Malik Firdous Ahmad, Yadav D. K., Jain Ranu (2018), "Income Expenditure Mismatch of Poorest of the Poor: An Analysis of Financial Requirement of Slum Dwellers", Published in Edited Book, "Current Issues in the Economy and Finance of India", Published by Springer, ISBN 978-3-319-99555-7, pp. 247-264

ii. Malik Firdous Ahmad, Ismail Andleeb,Yadav D. K (2019), "Impact of Globalisation on Employment: Empirical Evidence from Pakistan", Published in Edited Book, "Disruption of Globalisation: Opportunities and Challenges", Published by Bloomsbury India, ISBN 978-93-88912-86-0, pp. 21-44

Dr. Pranav Kumar Anand

i. Pranav Kumar Anand, "Legal Perspectives of Contract Farming: Issues and Challenges", Recent Trends in Economics and Management (Edited), Research India Publications (RIP), Delhi, 2018, pp113-131.

13. Paper Published by the Faculty Members (during 01.04.2018 to 31.03.2019)

Prof. N M P Verma

i. Short Run and Long Run Causality on Inflation, Export and the Lending Rate: An Empirical Study of India, International Journal of Social Science and Development Policy, Vol. 4, No. 1, January–June 2018, ISSN: 2454–5732, pp. 34-58. (with Pratinidhi)

ii. An Analysis of Growth and Performance of MSMEs in Jammu and Kashmir" International Journal of Advance and Innovative Knowledge, Volume 5, Issue 4, Pages 8, 2018 (with Altaf Ahmed)

iii. Election in Post-Demonetization Post-Budget Democracy, Economy India, Feb. 2019 (as Vice- Chancellor), Delhi – 110095, pp. 8-9.

iv. Foster the Carrier- Focused Learning System, News Times Post, Oct. 22, 2018, (An Interview with the Vice- Chancellor), Page 30-31,. www.newstimespost.com, YMCA Bldg, Lucknow

Dr. Sanatan Nayak

i. Land Inequality and Agricultural Sustainability in Uttar Pradesh, along with Surendra Singh, **Asian Journal of Science and Technology,** Vol. 9, No.11, November, 2018.

ii. Application of Indicators for Identifying Climate Vulnerable Areas in Sub-Tropical Regions of India, along with Surendra Singh, **Asian Journal of Multi-Dimensional Research (AJMR**), Vol. 7,

No.11, November, 2018.

iii. Planned Adaptation Strategies and Climate Vulnerability: Evidences from NSSO Households level Data, along with Surendra Singh, **Research Review International Journal of Multidisciplinary**, Vol. 3, No.10, October, 2018.

iv. Impact of River Pollution on Livelihood and Health: A Case Study of Washer Men Community Across River Gomti, Lucknow along with Soma Samant, **Man and Development**, Vol. XL, No.2, 2018.

Dr. D K Yadav

i. Malik, F., & Yadav, D. K. (2019). How Inclusive Is Financial Inclusion in India? *Available at SSRN 3308572*.

ii. Firdous Ahmad Malik, Dr. D.K Yadav and Dr. Ranu Jain**:"** Urban Destitute and their Financial Behaviour: A Case Study of Lucknow" 3rd international conference on Evidence Based Management (ICEBM) 2019 to Feb 01 – Feb 02, 2019 at BITS Pilani, Pilani Campus, Rajasthan, India. "PROCEDINGS ON EVIDENCE BASED MANAGEMENT" Published by Excellent Publishing House New Delhi, ISBN 9789386238658. (pp 57)

iii. Malik Firdous Ahmad, Yadav D. K, Dixit Aparna (2018), "Sociological Conditioning of Saving among Slum Dwellers and Beggars in Lucknow", International Journal ofInnovative Knowledge Concepts, ISSN 2454-2415, Volume VI, Issue 12, December, pp. 29-42

Dr. Pranav Kumar Anand

i. Pranav Kumar Anand, "Gender Dynamics and Labour Pattrens in Contract Farming: An Overview", Aayushi International Interdisciplinary Research Journal, Peer Review and indexed journal, December, 2018, Vol. II, pp. 499-501.

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

14. Paper presented in National and International Conference/Seminar

Prof. Sanatan Nayak

i. **Agrarian Relations in Contemporary India: A District level Analysis,** A paper presented in the 3rd Inter National Annual Conference of India Land Development Conference, during 12-14 March, 2019, Organized at IIC, New Delhi.

ii. Development of Drinking Water, Micro Environment and Sanitation in Slums of Lucknow, Uttar Pradesh, A paper presented in N**ational Seminar on "Paradigm Shift of the Indian Economy-New Growth Forces with Greater Inclusiveness"**, Organized by Dr. Shankar Dayal Sharma Institute of Democracy, University of Lucknow, Lucknow, during 22-24 January, 2019.

iii. Worked as a member in the technical advisory committee (TAC) and delivered a lecture on Importance of Micro-Environment in Urban India in the TAC meeting on "Conceptualizing of Multidimensional Poverty in Urban Maharashtra" conducted by IIPS, Mumbai on 11th June,. 2019.

iv. Participated in stakeholder consultation workshop for providing inputs/ comments on Million Farmers School in Uttar Pradesh: Evolution, Impacts and

Way Forward, 2019 organized by IFPRI and ICAR on 12th September, 2019.

Dr. L C Mallaiah

i. Presented paper on Agricultural Development and Social Justice, in National Seminar organized by the NIRD, Hyderabad 21 Feb 2019

ii. Presented Paper in annual conference of Indian Economic Association 27the Dec 2018 Vellore Institute of Technology

Dr. D K Yadav

i. Malik, F. A., Yadav, D. K., & Jain, R: Urban Destitute and their Financial Behaviour: A Case Study of Lucknow ICEBM Conference 2019 to be held during Feb 01 – Feb 02, 2019 at BITS Pilani, Pilani Campus, Rajasthan, India.

ii. Firdous Ahmad Malik, Dr. D. K. Yadav Dynamics of Consumption and Income of Beggars in Lucknow: An analysis of Need based Financial requirements: International conference on Technology innovation and management for sustainable development (TIMS-7) (Human Habitat, Health, Agriculture &Economy) 29-30 March, 2019 ITM University Gwalior.

iii. Firdous Ahmad Malik, Dr. D. K. Yadav and Andleeb Islami : Impact of globalization on employment: Empirical Evidence from Pakistan *3rd international Business Summit-I-BIZFLUENCE 14TH September 2018,* "Disruptions of Globalization: opportunities and challenges"

iv. Firdous Ahmad Malik, Dr. D. K. Yadav: How inclusive is Financial Inclusion in India?" *(10th INTERNATIONAL CONFERENCE ON "Digital Strategies for organizational success" January 5-7, 2019 at: Gwalior,*

v. Firdous Ahmad Malik, Dr. D. K. Yadav and Andleeb Islami:" Purpose of Savings and its Determinants in Case of Destitute Population: An Empirical Analysis of Slum Dwellers" *(9th INTERNATIONAL CONFERENCE ON "Measure Manage & Facilitate Change to Harness Organizational Potential" January 6-8, 2018At: Gwalior, Madaya Pradesh, India).*

vi. Malik, F. A., Yadav, D. K., & Jain, R. (2018, February). Income and Expenditure Mismatch of Poorest of the Poor: An Analysis of Financial Requirement of Slum Dwellers. In *International Conference on Economics and Finance BITS Pilani KK Birla Goa Campus*

vii. Firdous Ahmad Malik and Dr. D. K. Yadav, "Marx's and Ambedkar's visions on Poorest of the poor:" *National Conference on "Dr. Ambedkar: Interdisciplinary Ideology on Aspirations for Nation's Better Future", organized by Babasaheb Bhimrao Ambedkar university Lucknow.2018*

Dr. Surendra Meher

i. Participated in ICSSR sponsored Two Week Inter-Disciplinary Capacity Building Programme for Faculty Development on "Environment and Sustainable Development" held in BBAU, Lucknow, November 27 to December 07, 2018.

Dr. Pranav Kumar Anand

i. Certificate of Participation (ICSSR Sponsored): Two Week Interdisciplinary Capacity Building Programme for Faculty Development on "Environment

and Sustainable Development"; Department of Sociology, BBAU, Lucknow; November 27- December 07, 2018

15. Consultancy Works, if any

Prof. Sanatan Nayak

i. Member in the High Level committee for evaluation of the Land Acquisition process under Purvanchal Express Highways, Government of Uttar Pradesh.

ii. Member in the High Level committee for evaluation of the Land Acquisition process under Lucknow Rail Metro Corporation, Lucknow, Government of Uttar Pradesh.

16. Details of Invited Lectures/ Chair/ Co-Chair of Technical Session/ Invited Guest

Prof. N M P Verma

i. Chair a session of National Seminar on Black Money in India : Issues and Challenges" on 28-29 April 2018 Organised by Department of Commerce, Kalicharan Post Graduate College, Chowk, Lucknow

ii. Chairman Address in Indian Economic Association, Session on Economics of Chanakya, (IEA), ISID, Delhi, December 27, 2018.

iii. Presidential address at Sahitya Mahotsav organised by Department of Hindi, BBAU, Lucknow, on 26-28 November, 2018.

iv. Delivered Presidential address "Hindi ke Vikas ke kuch Navin Pahlu". in All India Rajbhasha Seminar, organised by MHRD, New Delhi on Jan 30- Feb 01, 2019 at Port Blair, Andman - Nicobar,

v. Presidential address on Emerging Issues in Higher Education, National; Seminar on Feb -24, 2019, organised by Department of Education, BBAU, Lucknow.

vi. Delivered Presidential Address, National Seminar on Human Rights in 21st Century, December 18, 2018, DHR, BBAU, Lucknow

vii. Attended Vice Chancellors' Conference organised by MHRD at Vigyan Bhavan Annexe, 2019

viii. Panel Expert at Round Table Conference of India Today in the session entitled "Cultural Renaissance: the Spiritual Significance and the Economics of Kumbh" on January 13, 2019.

ix. Jury Member, Lucknow Management Association Award Selection Committee, 2018.

x. Chaired a Session in VC orientation program at NIEPA, New Delhi, January 2019

xi. Presided an inaugural session seminar at DS College, Aligarh

xii. Attended North zone Vice Chancellor's conference organised by AIU, New Delhi at Punjab University, Chandigarh

xiii. Chairman, Inaugural Session, National Seminar on Kautilya's Arthshastra and its Relevance, ICSSR sponsored, DS college Aligarh, February 16-17,2019.

xiv. Key Speaker, Annual Function, Munshi Raghunadan Sardar Patel Mahila College, Barabanki, February 19, 2019.

xv. Delivered Convocation Address at RP

Sahyogi PG College, Khusyalpur, Barabanki,2019

xvi. Chief Guest Speaker in Inaugural Session, "**International Conference on "Emerging Socio-Economic Trends and Business Strategy"**, January 18, 2019, ISB&M, Kolkatta

xvii. Inaugural address "Setting in Social Research: Towards Beautiful & Blissful Research, October 2, 2018, .Economics Dept, BBAU, Lucknow, ICSSR Sponsored.

xviii. Chairman, Technical Session on Kautilya Economics, Indian Economic Association (IEA), Annual conference held at ISID, Delhi, December 14-16, 2018

xix. Panel discussion on Union budget on 4 February, 2019 at hotel the Golden Apple B-749, Sector-C, Near Wireless Chauraha, Mahanagar, 226006 Lucknow.

xx. Agricultural Production and Productivity In India: Issues And Challenges, Organized by Department of Economics, Rama Devi Women's University, Bhubaneswar

Prof Sanatan Nayak

i. Delivered five Lectures continuously on use of STATA and Use of Large Data i.e., 69th round of NSS on 9th and 17th March, 2019 in the "Two Weeks Capacity Building Programme for SC/ST faculty Members and Ph.D students in Social Sciences", organized by GIDS, Lucknow.

ii. Delivered a special lecture on topic entitled "International Agrement on Pollution Control: Success and Failures" on 4th December, 2018 in the Two Weeks Inter Disciplinary Capacity Building Programme for Faculty Development on *Environment and Sustainable Development* organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, during 27th November to 7th December, 2018.

iii. Delivered a special lecture on topic entitled "Environmental Pollution and Development of Controlling Regulations" on 4th December, 2018 in the Two Weeks Inter Disciplinary Capacity Building Programme for Faculty Development on *Environment and Sustainable Development*" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, during 27th November to 7th December, 2018.

iv. Delivered a special lecture on topic entitled "Use of Large Scale Data in Stata" on 27th October, 2018 in the 10 days Research Methodology Training Programme organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, during 24th October to 2nd November, 2018.

v. Delivered a special lecture on topic entitled "Use of Statistical Techniques in Stata" on 27th October, 2018 in the 10 days Research Methodology Training Programme organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, during 24th October to 2nd November, 2018.

vi. Chaired a Technical Session entitled "Economic Growth and Poverty in Uttar Pradesh" in the National Seminar on Paradigm Shift of the Indian Economy-New Growth Forces with Greater Inclusiveness during 22-24th January, 2019, at Department of Economics, Lucknow University, Lucknow

Dr. L C Mallaiah

i. Guest of Honor in National Seminar organized by the Dr. B.R. Ambedkar Chair, Nagarjuna University, Gunture 21st March 2019

Dr. Surendra Meher

i. Invited as resource person and delivered a lecture on "Defining the Research Problem" in the ICSSR sponsored "Research Methodology Course: Focus on Computer Applications" jointly organized by BBAU, Lucknow and Association of Socio-Economic Development Studies, October 24-November 02, 2018.

ii. Co-Chaired a session on "Environment and Agriculture" Technical Session-2, in National Seminar on Problem of Sectorial Scarcity and Choice in India organized by Department of Economics, BBAU jointly with Association of Socio-Economic Development Studies, March 14-15,2019.

17. Details of Research Project

i. Prof Sanatan Nayak running a project titled "**Pricing and Health Cost Measurement in Urban Drinking Water: A study of Slum and Non Slum Areas in Lucknow, Uttar Pradesh**" since March 2016. The report of research project has been submitted to the Indian Council of Social Science Research (ICSSR) during April, 2019.

ii. Dr. **Surendra Meher** running a project titled "Occupational Segmentation and Intergroup Inequality in Labour Market in India: A Field Investigation from Odisha" since March 2016. The report of research project has been submitted to the Indian Council of Social Science Research (ICSSR) during April 2019

Students Achievements

I. Faculty wise Supervision of the Ph.D. Degree Awarded

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
01	Surendra Singh	Prof. Sanatan Nayak	An Economic Analysis of Climate Change Effects on Agriculture Productivity: A Case Study on Climate Vulnerability of Farmers in Bundelkhand Region of Uttar Pradesh

II. Faculty wise Supervision of the M.Phil. Dissertation Awarded

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil.Topic
1.	Nigar Afroz	NMP Verma	Short Term Economic Effects of Recent Demonetization on Rural and Urban Regions: A Case Study of Lucknow District of Uttar Pradesh

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil.Topic
2	Sambhavi Singh	Surendra Meher	Trends and Pattern of Migration in India: A Case Study of Lucknow, Uttar Pradesh
3	Manoj Kumar	Surendra Meher	Performance of MGNREGA in India: A Case Study of Jalaun District, Uttar Pradesh
4	Aparna Tripathi	Surendra Meher	Critical Role of Skill Development Mission in Addressing the Challange of Child Labour: A Study of Uttar Pradesh
5	Shweta Singh	L C Mallaiah	Economic Evaluation of Financing and Promotional Bodies for Industrial Development in Uttar Pradesh

III. Faculty wise Supervision of the M.Phil. Dissertation Submitted

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil.Topic
1.	**Nigar Afroz**	NMP Verma	Short Term Economic Effects of Recent Demonetisation on Rural and Urban Regions: A Case Study of Lucknow District of Uttar Pradesh

IV. Faculty wise Supervision of the Ph.D. Student Pursuing Ph.D. degree

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
1	Ravindra Sah	Dr. Sanatan Nayak	Indoor Air Pollution and Poverty: Comparative Study of Rural Bihar and Rural Uttar Pradesh
2	Kanti Devi	Prof. NMP Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons
3	Parul Verma	Dr. L.C. Mallaiah	The Pertinence of Dr. B.R. Ambedkar's Views on Economic Development after New Economic Reforms in India

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
4	Pragya Sharma	Prof. Sanatan Nayak	Groundwater Sustainability : A Common Pool Resource Approach Towards its Management
5	Priti Jha	Prof. Sanatan Nayak	Linkage between Trade and Scarcity of Water : A Case Study of Water Intensive Industry in Uttar Pradesh
6	Deepanjali Das	Prof. NMP Verma	Credit Lending Behaviour of Banks in Consonance to Flexible Monetary Policy: A Comparative Study of Large Bank and Small Bank
7	Ruchi Bhalla	Dr. Surendra Meher	Interlinkages between Human Development Indicators and Economic Growth in India : A Study with Reference to Kerala and Uttar Pradesh
8	Alka Singh	Prof. Sanatan Nayak	Displacement and Resettlement due to Development of Real Estate Industry : A Case Study of Lucknow District
9	Pratinidhi	Prof. N M P Verma	Short Run Linkage between Inflation and Unemployment during Pre and Post-Recession : A Study of India
10	Pawan Kumar Gupta	Prof. N M P Verma	Multinational's Investment in the Economy of Uttar Pradesh : A Study of Noida
11	Ekta	Dr. D. K. Yadav	Micro-Finance Movement in India : A Comparative Study of Southern and Northern Part of India
12	Altaf Ahmad	Prof. N M P Verma	An Analysis of Promotion and Performance of MSMEs : A Study of Jammu and Srinagar Districts
13	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
14	Suhail Ahmad Bhat	Dr. Surendra Meher	An Economic Analysis of Small Scale Industries : A Comparative Study of Jammu and Kashmir

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
15	Naveen	Prof. N M P Verma	Political Economy of Public Expenditure in India during Post-Reform Period: Social Choice Vs Redistribution
16	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
17	Ekta Srivastava	Prof. Sanatan Nayak	Role of Carbon Pricing for the Reduction of CO_2 Emission : A Study of Household-level Carbon Emissions in Uttar Pradesh
18	Mukesh Kumar	Prof. Sanatan Nayak	Capital Formation in Agriculture Sector in India: A Case Study of Bundelkhand Region
19	Pawan Kumar Rao	Dr. L C Mallaiah	Impact of New Economic Reforms on Leather Industries in Uttar Pradesh
20	Mohd Abdullah	Dr. L C Mallaiah	Human Development Index of Gujjars in Jammu and Kashmir
21	Vidhya Bharti Rai	Dr. L C Mallaiah	Economic Analysis of Cultivators in Uttarakhand: A Gender Persepective
22	Rabiya Javed	Dr. D K Yadav	Impact of Monetary and Fiscal Policies on Macroeconomic Variables.
23	Shekhar	Dr. Surendra Meher	Evaluation of Agricultural Market Efficiency in India: A Comparative Study of Punjab and Uttar Pradesh
24	Samarth Shukla	Dr. Pranav Kumar Anand	Sectoral Dualism in India: A Study of Structural Change since 1991
25	Yasar Mehmood	Dr. Pranav Kumar Anand	An Economic Analysis of Agricultural Sector in Jammu & Kashmir from Since 1991.

V. Faculty wise Supervision of the Ph.D. Thesis Submitted

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
1	Vandana Ahirwar	Prof. Sanatan Nayak	An Economic Analysis of Air Pollution: A Case Study of Lucknow, India
2	Arvind Kumar	Dr. Surendra Meher	Trends and Patterns of Women Employment in Unorganized Sector with special reference to Uttar Pradesh
3	Amit Singh	Dr. L C Mallaiah	**Impact of Corporate Farming and Agricultural Development in Uttar Pradesh**

VI. Faculty wise Supervision of the M.Phil. Student Pursuing M.Phil. degree

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

VII. PDF Pursuing

Prof. N M P Verma

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

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 Tiwari pursuing since July, 2017, ICSSR sanction letter no. F.No.-3-05/2016-17/PDF/SC, dated 19.01.2017 under Prof. Sanatm Nayak

VIII. Accomplishments of Student

- No. of students completed their Masters : 33
- No. of students pursing 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 : 07

SCHOOL OF MASS COMMUNICATION AND JOURNALISM

School of Media and Communication was established as separate school in March, 2018, keeping in view proper growth smooth functioning of Mass Communication and Journalism as also of EMMRC (Media Centre, BBAU, Lucknow). Previously, the Dept. of Mass Comm. and Journalism was running under School Information Science and Technology.

Department of Mass Communication & Journalism

The Department of Mass Communication & Journalism, started in 2008, offers Master, M.Phil. and Ph.D. programs in Mass Communication & Journalism. The basic objective of the Department is to produce skilled professionals for the exponentially expanding world of mass media, both print as well as electronic. The Department also endeavors to provide advanced and specialized professional training to the students and also caters to the higher level of demands in the profession of Mass Communication, including media & communication research and media & communication education. The Department aims and endeavors to develop into a centre of excellence in the field of Mass Communication & Journalism. Citation Index of the Department: R.G. Score - 3.45 H- Index-1

1. Courses Offered/New Courses

i. Ph.D.

ii. M.Phil.

iii. MA (JMC)

2. Faculty Details

i. Prof. Gopal Singh

Professor & Dean

Specialization: Film & TV Journalism, Communication Research

Qualification: MJMC , Ph.D., UGC NET-JRF

ii. Prof. Govind Ji Pandey

Professor & Head

Specialization: TV and Film Studies Communication Research & Development Communication

Qualification: MJ, LLB, Ph.D. UGC NET

iii. Dr. Mahendra Kr. Padhy

Asst. Professor

Specialization: Advertising, Public Relations, Development Communication, Media Research

Qualification: M.A. (Economics), M.Phil (Economics), MJMC, M.Phil (J& MC), Ph.D (J&MC), JRF, UGC NET, UGC Post Doctoral

iv. Dr. Rachana Gangwar

Asst. Professor

Specialization: Cross cultural Communication, Communication Research ,Communication Theories, Folk Communication

Qualification: Ph.D.

v. Dr. Kuwar Surendra Bahadur

Asst. Professor

Specialization: Development Communication, New Media and Communication Research

Qualification: MJMC, Ph.D , UGC NET

vi. Dr. Lok Nath

Asst. Professor

Specialization: Communication theory and research, New media and PR

Qualification: M.A.(Psychology), MJMC, Ph.D, (J&MC), UGC NET, Dr. S.R. Post Doctoral Fellowship UGC

vii. Dr. Arvind Kumar Singh

Asst. Professor

Specialization: Development communication, Electronic media and new media

Qualification: MJMC, Ph.D., UGC NET-JRF

3. Department Level Academic Activities

i. A session on **Portrayal of Development Issaues in Cinema** was organized as part of Uttar Pradesh Science Congress

ii. A National Seminar on "Bhojpuri Cinema: Baajar aur Sarokar was organized on 23 February 2018

iii. A workshop on Gender Sensitization was organized on 16 March 2018 in collaboration with Phia Internationals.

iv. A workshop on HIV AIDS was organzed on 15th January 2018 in collaboration with State AIDS Control Society.

4. Co-curricular/Extra-curricular/ Conferences event organized by the Department

i. A session on **Portrayal of Development Issaues in Cinema** was organized as part of Uttar Pradesh Science Congress

ii. A National Seminar on "Bhojpuri Cinema: Baajar aur Sarokar was organized on 23 February 2018

iii. A workshop on Gender Sensitization was organized on 16 March 2018 in collaboration with Phia Internationals.

iv. A workshop on HIV AIDS was organzed on 15th January 2018 in collaboration with State AIDS Control Society

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

Prof. Gopal Singh

i. DRC member of Doon University, Dehradun.

ii. DRC member of Himanchal Pradesh University, Shimla

iii. DRC member of Veer Bahadur Singh Purvanchal University, Jaunpur

iv. Member of Advisory Committee in Doon University, Dehradun.

v. Member of Board of Studies Veer Bahadur Singh Purvanchal University, Jaunpur

vi. Member of Board of Studies in Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

Prof. Govind ji Pandey :

i. BPGS member , UPRTOU, Allahabaad .

ii. BPGS member ,Awadh University , Faizabaad

iii. BPGS Member, DMCJ, Kushabhau Thakre University, Raipur.

Dr Rachana Gangwar ;

i. Executive Council member, Public Relation Society of India ,Lucknow, U.P

ii. Member of Nation Communication Association

iii. Life Member of Public Relation Society of India

iv. Life Member of Indian Sociological Society

v. Member of Asian Media Information and Communication Centre

vi. Life Member of National Book Trust of India

vii. Life Member of Indian Social Science Association

6. Details of book written/edited by Faculty members

Dr. Arvind Kumar Singh

i. Radio Journalism **ISSNNo.** 978-81-7555-239-5 University Pub.N.Delhi, **National**

ii. Film TV Script **ISSNNo.** 978-81-7555-238-8 University Pub.N.Delhi, **National**

iii. Radio programme and Production Technology **ISSNNo.** 978-81-7555-749-9University Pub.N.Delhi, **National**

iv. Radio media Programme broadcasting Teachnology **ISSNNo.** 978-81-7555-751-2 Rishabh books Pub.N.Delhi, **National**

v. Internet and New media Technology **ISSNNo.** 978-93-83381-72-2 Adi books N.Delhi **National**

vi. Web Journalism, 1-352 **ISSNNo.** 978-93-83381-73-9 Adi books N.Delhi **Nationa**

vii. Social Media Technique and Effects **ISSNNo.** 978-93-81284-68-1 Rishabh books Pub.N.Delhi **National**

viii. Modern media Technique and application, **ISSNNo.** 9788175557703 Rishabh books Pub.N.Delhi **National**

ix. Radio Karyakram Lekhan and Prasaran **ISSNNo.** 9788175557512 University Pub N. Delhi

x. Web Madhyam Lekhan avom Patrakarita **ISSNNo.** 978-81-8329-869-8 Shri Pub Pub.N.Delhi **National**

xi. Social Media, **ISSNNo.** 978-93833-81265 Adi books, N.Delhi National

7. Paper published during the year

Dr. Rachana Gangwar

i. Adivasi Mudde aur Media(Bilaspur jile ke sandarbh main)25-33 (2009), The Journalist, ISSN 2231-2943 January-March 2018.

Dr. Loknath

i. Research Paper entitled "Gandhi ki patrakarita ka aitihasik vivechana", ABHIVYAKTI, An International refereed Journal, Year-ix, No. XVIII, July-December, 2017, Published by Kusum Jankalyan Samiti Deoria, U.P. (India), ISSN 0975- 8801. Pages from 06-08, Approved by UGC, Journal No. 49370

9. Attended/Participated in confrencess/seminar/workshop inside country

Dr. Rachana Gangwar

i. Understanding portrayal of gender in Bollywood film posters : A semiotic analysis in Science and technology for sustainable future on 10-11 January 2018 at 1st North Indian Science Congress 2018

ii. Rashta Nirman mein Hindi Patrakarita ka Yogdan: Ek Adhyayan in Hindi tatha Aanya Bharatiya Bhashaon main Rashtra,Samaj evam Sanskriti on 18-19 January 2018 at Uttar Pradesh Bhasha Sansthan,Lucknow evam HindiVibhag, BBA University.

iii. A Critical Study of Cultural Imperialism Theory in Terms of Modernization of Indian Culture in Scientific Rationality And Socio-Cultural Changes at 20-21

January 2018 on Department of Higher Education ,Govt.of U.P. and Government P.G.College, Bisalpur, Pilibhit.

iv. A Study on Social Interference of Science Communication in Fostering Scientific Temper for Welfare Society and Surrounding at 27-28 January 2018 on Zoological Society of India and BBAU, Lucknow.

v. An Analytical Study of Effects of Social Media in Changing Psychology of Individuals in MEDIASCAPE IN 21ST CENTUARY : EMERGING PRESPECTIVES on 9-10 March 2018 at Department of Journalism and Mass Communication, Indira Gandhi National Tribal University, Amarkantak(M.P.)

Dr. Lok Nath

i. Research Paper entitled "Social Media mein Bhojpuri Cinema" presented in the National Seminar organized by Department of journalism and Mass communication Baba Saheb Bhimraw Ambedkar Central University, Lucknow on February 23, 2018.

ii. Participated in National Science Day Celebration and Seminar on the theme "fostering Scientific Temper for Welfare of Society and Surroundings" jointly organized by Baba Saheb Bhimraw Ambedkar Central University, Lucknow, U.P. in association with the Zoological Society of India, Bodhgaya. February. 27-28, 2018.

Dr. Arvind Kumar Singh

i. Paper presentation-Folk art : Possibilities and Hopes on Vanishing folk art of India in seminar organized by Department of Mass communication and Journalism, BBA University, Lucknow on 28 February,2019.

Dr. Kunwar Surendra Bahadur

i. Contempory relevance of PDDU Economic Philosophy in India organized by University of Lucknow on 24-25 Janaury, 2018.

ii. Power of media shaping the future organized by TIAS, Delhi on 10th March, 2018.

10. Details of invited lecture inside the Country:

Dr. Arvind Kumar Singh

i. As an Expert, Delivered Lecture, International science film and literature festival in Seminar and fair at India International Science festival, Lucknow, in 5th and 8th October, 2018.

ii. As a resource person on Science awareness fair at Workshop in Bahudev Sanskriti College, Namisharya, Sitapur.

iii. As a resource person on Science awareness fair at Workshop in Ram Janki Inter College Bithoor, Kanpur

11. National Award and fellowship

i. Prof. Govind Ji Pandey, awarded by 'Bhasha Mitr Award' by Uttar Pradesh Bhasha Sansthan, Lucknow.

ii. Dr. Rachana Gangwar awarded by 'Social Environmentalist Award' Blue Plant Society by Allahabad U.P. (National Award)

12. Project/scheme in the Department

i. Prof. Govindji Pandey running a NMEICT Project as an Project CO-PI

13. Faculty wise Supervisor of the Ph.D. and M.Phil. Student

I. Research Scholar Supervisor Details

S.No.	Research Scholar Name	Supervisor
1.	Rashmi Kumari	Prof. Gopal Singh
2.	Kritika Agarwal	Prof. Gopal Singh
3.	Atul Singh	Prof. Gopal Singh
4.	Nitin Kumar	Prof. Gopal Singh
5.	Chandra Mohan Meena	Prof. Gopal Singh
6.	Nihal Pathak	Prof. Gopal Singh
7.	Harinath Kumar	Prof. Govind Ji Pandey
8.	Ankit Dixit	Prof. Govind Ji Pandey
9.	Shachindra Shekhar Shakunt	Prof. Govind Ji Pandey
10.	Anurag Pandey	Prof. Govind Ji Pandey
11.	Neelu Sharma	Prof. Govind Ji Pandey
12.	Pratima	Prof. Govind Ji Pandey
13.	Anurag Swaroop	Dr. M. K. Padhy
14.	Gunjan Jaiswal	Dr. M.K. Padhy
15.	Ravi Singh	Dr. M.K.Padhy
16.	Borugadda Ananda Babu	Dr. M.K. Padhy
17.	Brijendra Kumar Verma	Dr. M.K. Padhy
18.	Ruchika Kumari	Dr. Rachana Gangwar
19.	Ashutosh Kumar	Dr. Rachana Gangwar
20.	Puspendra Vaskale	Dr. Rachana Gangwar
21.	Alok Kumar Jha	Dr. Rachana Gangwar

II. Ph.D Student with Supervisor (2017 - 2018)

S.No.	Research Scholar Name	Supervisor
01	Nancy Arora	Prof. Govind Ji Pandey
02	Arvind Kumar	Prof. Govind Ji Pandey
03	Imon Shyam	Prof. Gopal Singh
04	Shraddha Nandan	Prof. Gopal Singh
05	Pooja singh Kashia	Rachana Gangwar
06	Panyathip	Prof . Govind Ji Pandey

III. M.Phil. Students Supervisor Details

S.No.	Students Name	Supervisor Name
01	Pooja Arya	Dr. M.K.Padhy
02	Princi Mishra	Dr. Kunwar Surendra Bahadur
03	Jyotsana Sinha	Dr. Loknath

IV. Accomplishments of Students

i. Mr. Vikas Yadav got 1st position in film making competition conducted by CEMCA TVE London.

ii. No. of students qualified NET : 09.

iii. No. of students placed in job : 10

UNIVERSITY INSTIUTUTE OF ENGINEERING TECHNOLOGY

The **University Institute of Engineering Technology** (UIET) at Babasaheb Bhimrao Ambedkar University (A Central University) was established in the year 2013.The UIET has six branches; Electrical Engineering, Mechanical Engineering, Computer Engineering, Civil Engineering, Electronic and Communication, Science and Humanities. The UIET organizes various programmes such as special lectures, seminar, and Stage programs on various occasions. The Department is also organizes expert lectures of eminent personalities from academics &construction industry time to time. Department also a lot some projects to the student which are going on. The Department of 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.

The B.Tech.program apart from covering the fundamental courses, shall imbibe all traditional aspects. Laboratory facilities include the Laboratories and measuring instrument, EMEC and Network Lab and Matlab and p-spice software based programs etc.The future plans of the Departmentareto impart research work in the emerging areas. The Department also focuses to introduce post graduation level courses.

I. DEPARTMENT OF COMPUTER ENGINEERING

The Department of Computer Engineering functioning in the University since 2013.The Department is offering four year Bachelors of Technology degree. The Department has a comprehensive curriculum on topics related to all aspects of Computer Engineering with an emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics to equip our students with the latest developments in Computer Science and Engineering. The aim of the Department is to delivering top class education blending their rich classroom teaching and they focus on the growth of each and every student through regular interaction using Seminar, Presentation and Viva-Voce.

The future plans of the Department is to impart research work in the emerging areas of Computer Science and Engineering. The department also focuses to introduce post graduation level courses.Presently , There is no permanent faculty and teaching is managed by Guest faculty.

Course Offered : B.Tech.

II. DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering is one of the oldest branches of engineering, and dates back to the late 19th century. It is the branch of engineering that deals with the technology of electricity. Electrical engineers work on a wide range of components, devices and systems, from tiny microchips to huge power station generators.

Since its early beginnings, the field of electrical engineering has grown and branched

out into a number of specialized categories, including power generation and transmission systems, motors, batteries and control systems. Electrical engineering also includes electronics, which has itself branched into an even greater number of subcategories, such as radio frequency (RF) systems, telecommunications, remote sensing, signal processing, digital circuits, instrumentation, audio, video and optoelectronics.

The Department of Electrical Engineering at University Institute of Technology (UIET) 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 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. The Department has been established with the following objectives

1. Becoming one of the nation's leading electrical engineering departments by building peaks of excellence in the fields of communications/signal processing and micro/power electronics and by being a leader in innovative educational programs;
2. Offering an undergraduate curricula that equips graduates for careers that require ingenuity, integrity, logical thinking, and the ability to work and communicate in teams, and for the pursuit of graduate degrees in engineering or other fields such as business, medicine, and law;
3. Offering world-class M. Tech in the field of control,Power System and drives that prepare graduates for academic careers, for research careers in the high technology industry, or for technical entrepreneurship;
4. Promoting life-long learning animated by a passion for the never-ending advance of technology.

Course Offered: B.Tech.

III. DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering focuses on a multifaceted growth of students and is designed to equip them not only with the core theoretical and practical fundamentals of the discipline, but also evolve them into confident individuals, ready to make an impact on whatsoever profession (industrial work, research, entrepreneurship) they choose to pursue. Currently, the department offers B. Tech program. **Civil Engineering is concerned with the improvement in quality of basic needs of human civilization and taking care of the naturally and humanly built environments with their planning, designing, construction, operation and maintenance. It is the branch with a lot of diversity from geotechnical sciences to structural engineering, environmental to hydraulics, transportation tohydrology.** This department is student-oriented and multi-faceted research prone and is dedicated to work together to

build a sustainable future through the development of civil infrastructure and betterment of global environment.

Laboratory facilities include the Laboratories of Structure analysis, Hydraulics, Building material & construction, Geoinformatics, Environmental, CADDetc. The Department has been established with the following objectives

1. **Fundamental Knowledge**: Graduates of the program will be skilled in the fundamental principles of mathematics, science, and four sub-disciplines in Civil Engineering that are necessary for success in industry or graduate school.
2. **Specialization:** Graduates of the program will be proficient in four sub-fields of Civil Engineering to an extent that they can pursue careers in those fields or in related inter-disciplinary fields that benefit from a strong background in applied sciences and engineering. Graduates will also obtain additional depth and specialized knowledge in at least one sub-field.
3. **Design Skills:** Graduates of the program will be skilled in problem solving, design and interpretation of experiments, and operating within a team environment for the solution of design problems in their chosen field.
4. **Professional Skills:** Graduates of the program will be capable of operating effectively in a professional environment by demonstrating technical communication skills, the ability to procure work, the ability to interact effectively with construction professionals, and an understanding of both ethical issues in Civil Engineering and the importance of Civil Engineering work to society.

Course Offered : B.Tech.

IV. DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering is 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 equipment 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 at delivering top class education blending their rich classroom teaching as well as interactive session in laboratories and they focus on the growth of each and every student through regular interaction using Seminar, Presentation and Viva-Voce and working towards the betterment of laboratories and planning to propose post graduation courses.

Course Offered: B.Tech.

V. DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering at UIET BBAU Lucknow started journey in the year of 2013. Over the last three

years, we have grown our expertise and competence in the core Mechanical Engineering curriculum and research.Mechanical engineering is a subset of general engineering. Engineers use science and mathematical principles to solve technical problems. Since they often create new products to solve these problems, they are in high demand. Engineers are essentially inventors. By dreaming up ideas and turning them into a reality they push technology to its limits.Mechanical Engineering is an engineering discipline that involves the application of principles of physics for analysis, design, manufacturing, and maintenance of mechanical systems. It requires a solid understanding of key concepts including mechanics, kinematics, thermodynamics and energy. Mechanical engineers use these principles and others in the design and analysis of automobiles, aircraft, heating and cooling systems, manufacturing plants, industrial equipment and machinery, medical devices and more.

The Department is offering four year Bachelors of Technology degree. The Department has a comprehensive curriculum on topics related to all aspects of Mechanical Engineering with an emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics to equip our students with the latest developments in Mechanical Engineering

At present the department has one state-of-the-art Computer Laboratory fully equipped with latest i7 hp Computer Systems. Very soon the Department will be well connected through Wi-Fi Technology. The Department has Laser Printers, Desk JetColour Printers and Scanners, Multimedia LCD Projector, Overhead Projector (OHP) and other peripherals. In the Department laboratories are Engineering Mechanic Lab, Fluid Mechanics Lab, Testing Lab, Thermodynamics Lab, Manufacturing Technology Lab, Measurement & Metrology Lab, Mechanic Design Lab, CAD/CAM Lab

Mechanical Workshop:-This Laboratory is aimed at providing an introduction to the Know-how of common processes used in industries for manufacturing parts by removal of material in a controlled manner. Auxiliary methods for machining to desired accuracy and quality will also be covered. The emphasis throughout the laboratory course will be on understanding the basic features of the processes rather than details of I constructions of machine, or common practices in manufacturing or acquiring skill in the operation of machines. Evidently, acquaintance with the machine is desirable and the laboratory sessions will provide adequate opportunity for this.

Course Offered: B.Tech.

VI. DEPARTMENT OF SCIENCE AND HUMANITIES

Department of Sciences & Humanities comprise the departments/subjects of Engineering Physics, Chemistry, Mathematics, Environmental Science and English. The Department of**Sciences & Humanities** under University Institute of Engineering and Technology (UIET) at Babasaheb Bhimrao Ambedkar University (A Central University). In the year of 2016, Prof. VipinSaxena has been appointed as the Director of UIET and he has given new and innovative dimension to the Department and Institute. The Department working towards the betterment of laboratories and planning to propose post

graduation courses and to develop library, NCC and other activities.The Science and Humanity Department offers award-winning programs, well-established and knowledgeable faculty, and an unmatched educational experience. The University is ranked A Grade by NAAC. The Department also took top honors for its science program. Department of Science and Humanities undergraduates take a variety of core and elective laboratory courses that emphasize student-developed and dependent projects. Students are encouraged to form research collaborations with faculty as they pursue senior thesis projects, and many additional research, internship and industry co-op experiences are available. Students also can gain professional exposure through the student chapter of the Society of UIET Students on campus.

The future plans of theDepartment shall continue its duty of imparting education through its under graduate course in Sciences and shall Promote research activities. In order to benefit from the traditional knowledge of the technical skills, the Department of Sciences and Humanities wishes to establish student and teacher exchange programs with the Institution in these countries. The Department also wants to establish exchange programs with other foreign Institutions in order to benefit from their expertise in the field of research.

SATELLITE CAMPUS, AMETHI

1. Brief Description

The Amethi campus was established as a Satellite Campus, 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 mileu of this area, to promote educational and economic welfare of the general population, specially the marginalised and deprived sections of the society, the campus was established specially to cater to the academic, social and economic upliftment of the people of Amethi.

The admissions were announced in the month of June and the counselling for admissions was conducted on 22nd August and 06th September, 2016 and the first session was started w.e.f. 05th October, 2016. Presently in this campus there are running three departments. Following is the mention detail of departments

i. Department of Computer Science & Information Technology

ii. Department of Social Science & Commerce

iii. Department of Languages & Vocational Studies

2. Facilities available

i. Central Library

The library inherited approximately a thousand reference books acquired by earlier arrangements and a thousand books in various courses. In keeping with the vision and mission of the University, the library has been established "to promote knowledge generation and application through its effective dissemination" and, it therefore, acts as the main learning resource center of the University to supplement educational and information needs of the faculty and students, and provides information services and facilities to meet the requirements of the University's teaching, training and research programs. Highly skilled staff assists students to use the local collections and find information on specific topics.

ii. Hostels

Separate hostel for boys and girls is available.

iii. Mess

Mess within the campus serves delicious balanced diet as per daily schedule in neat and dean ambience.

iv. Spots Facility

The University has a multipurpose sports ground in the campus having facilities for outdoor sports viz., Football, Volleyball, Badminton , Cricket, Athletics etc. In addition, there is an indoor Gymnasium equipped with facilities for physical training, and facilities for indoor games like Chess, Carrom etc.

v. Play Grounds

BBAU CAMPUS believes in the philosophies "healthy mind in a healthy body" "Health is Wealth" and "All work and no play makes jack a dull boy". Inter and Intra departmental matches are conducted to bring out the talents from amongst the students. Badminton, Volley Ball, Cricket and races are the most preferred games of the students of BBAU CAMPUS.

vi. Auditorium

Spacious air conditioned auditorium with seating capacity of 150 is available in the campus for conducting various programs and functions. Training Programmes, Workshops, Value added courses, Seminars, Conferences, Guest lectures, Group Discussions are arranged regularly for the benefit of students and faculties.

vii. Wi-fi facilities in Hostels

High speed WiFi internet facility is available in the campus for all students.

viii. Computer Lab

Computer Science department – is at the heart of computing and related to every interdisciplinary activity in the Campus. It plays a vital role in providing state of the art facilities to the students in the field of 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.

ix. Food Science and Microbiology Lab

In this campus Research and lab work are highly precise with the use of high precision apparatus like AAS, GC, micropipettes, Spectronalyser, Texturometer, Fermentor ,Canning machine ,Chemical, etc. and well counter for practical high quality chemicals, and disposable wares. Fully equipped and air-conditioned microbiological lab ,bakery lab and food analysis lab.

3. Details of Academic Activities

- National Nutrition Week – 5th to 7th September, 2018
- Self Defence Programme date- 8th September, 2018
- Organize Sports competition on 25th January, 2019
- Organize National Science Day on 28th February, 2019
- Celebrate Women Day on 8th March, 2019

I. Department of Computer Science & Information Technology

The Department of Computer Science and Information Technology was established in the year 2016 under BBAU Satellite Campus. The Department offers courses on Computer Science and Information Technology. The Department has well established laboratory facilities and other requisite infrastructure on the campus for the students. 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 Information Technology. It is also a place where students can obtain an outstanding education in computer science through a variety of graduate program. The students have the facility to be assigned individual computers and access internet and other applications. The students have all the authority to access

internet in their leisure time under the surveillance of the computer lab assistants to explore and learn more about their curriculum or anything that is informative. This helps students learn and gain more knowledge apart from books and lectures of the teachers. This creates passion among them for grabbing knowledge by themselves which in turn makes them satisfied and more confident.

1. Course Details

i. B.Sc (IT)

ii. B.C.A.

2. Details of Academic Activities

1. Digital awareness campaign
2. National Science Day
3. Digital Payment

3. Details of Faculty

i. Dr. Neeraj Kumar Tiwari

Assistant Professor & Coordinator

ii. Dr. Babita Pandey

Assistant Professor

5. Details of Book/book chater written by faculty member during the year

i. Book Chapter by Dr. **Babita Pandey**, Similarity-Based Indices or Metrics for Link Prediction, Hidden Link Prediction in Stochastic Social Networks, edited by Babita Pandey and Aditya Khampariya, IGI Global Publisher, 2019. Pp-1-29.

ii. Book Chapter by Dr. **Babita Pandey**, Online Social Network Analysis (pages 50-63), Hidden Link Prediction in Stochastic Social Networks, edited by Babita Pandey and Aditya Khampariya, IGI Global Publisher, 2019, pp 30-49.

6. Publications of the faculty member during the year :

Dr. Neeraj Kumar Tiwari

i. "Smart Card ID: An Evolving and Viable Technology" Published in International Journal of Advanced Computer Science and Application (IJACSA) Vol. 9, No. 3, 2018, ISSN: 2158-107X. The publication is controlled by The Science and Information (SAI) organization is and indexed in the Thomson Reuters Emerging Source Citation Index (SCI), a new edition of Web of Science (ISI) and also listed in the Thomson Reuters Master Journal List.

ii. "Radio Frequency Identification (RFID) Standardization: Issues in Pursuit of Global Accomplishment" a research paper published in IEEE transaction conference proceedings on Page(s): 227 – 232. DOI: 10.1109/PDGC.2018.8745895 of Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC), 2018 conducted on 22-23 Dec 2018 at JP University of Information Technology, Waknaghat, Himachal Pradesh, India.

iii. Pandey, C. K., Kumar, N., & Mishra, V. K. (2018). *Analyzing the Applicability of Smartphone Sensors for Roadway Obstacle Identification in an Infrastructure-Free Environment Using a Soft Learning Approach.* Studies in Computational Intelligence 271–279.doi:10.1007/978-981-10-8797-4_29.***(SCI Journal)***

iv. Pandey, C. K., Kumar, N., & Mishra, V. K. (2019). *An Efficient Algorithm for Roadways Obstacles Detection Using Smartphone in Infrastructure-less Environment,* International Journal of

Recent Technology and Engineering; Vol. 8 (2) Pg. 5976-5982. doi:10.35940/ijrte.B3674.078219.***(Scopus indexed journal)***

v. A Hypothesis to Develop a Technology to Perform Various Operations with the Power of Mind using though as an Instruction Set. Proceeding of 3rd World Congress of Vedic Sciences, Vedic and Moden Sciences: Insights, Interface and Integration, during 10-13 January, organized by Vijnana Bharti, Deccan College, Govt. of Maharastra, Govt. of Goa, PP 224-225, 2018.

Dr. Babita Pandey

i. Investigating the Importance of Psychological and Environmental Factors for Improving Learner's Performance using Hidden Markov Model, IEEE ACCESS, 2019, Vol 7(1), 21559-21571 10.1109/ACCESS.2019.2897175, ISSN: 2169-3536 [IF 4.09]

ii. Software fault prediction based on change metrics using Hybrid algorithms: An empirical Study, Journal of King Saud University - Computer and Information Sciences, 2019, dio: https://doi.org/10.1016/j.jksuci.2019.03.006.

iii. KDSAE: Chronic kidney disease classification with multimedia data learning using deep stacked autoencoder network. Multimedia Tools and Applications, 2019. doi:10.1007/s11042-019-07839-z ISSN: 1380-7501 (print version), ISSN: 1573-7721 (electronic version), Journal no. 11042, (IF 2.101)

iv. Classification and Identification of Primitive Kharif Crops using Supervised Deep Convolutional Networks, Sustainable Computing: Informatics and Systems, 2019. https://doi.org/10.1016/j.suscom.2019.07.003. ISSN: 2210-5379 (IF 1.8)

v. Sound classification of using convolution neural network and tensor deep stacking network, IEEE Access, vol. 7, 2019, 7717-7727. **ISSN:** 2169-3536 (IF 4.09)

vi. A Comprehensive Survey of Edge Prediction in Social Networks: Techniques, Parameters and Challenges, Expert Systems with Applications, Vol. 124,2019, pp. 164-181 (IF 4.29)

7. Research Papers Presented in nationa/international conferences/ symposia

Dr. Neeraj Kumar Tiwari

i. Presented a research paper "Radio Frequency Identification (RFID) Standardization: Issues in Pursuit of Global Accomplishment" in "5th International Conference on Parallel Distributed and Grid Computing 2018", an IEEE transaction conference conducted on 22-23 Dec 2018 at JP University of Information Technology, Waknaghat, Himanchal Pradesh, India.

ii. Presented a research paper "Radio Global Smart Card ID using RFID: Realization of Worldwide Human Mobility for Universal Validation" in "2nd International Conference on Recent Innovations in Computing (ICRIC-2018)" conducted on 08th-09th March 2019 at Central University Jammu (J & K), India.

8. Details of Research Projects :

1. Dr. Neeraj Kumar, running a project titled 'Risk Assessment of Self-Reported Electromagnetic Hypersentivity (EHS) in Young Generation Exposed to EMR from Mobile Communication Technology' funded by Uttar Pradesh Council of Science & Technology with a sanctioned grant of Rs. 10.44 Lakhs

Duration of Project: 3 years.

2. Dr Babita UGC startup Project entitled "Diagnosis of neuromuscular diseases using Deep Learning architecture" 2019 amount sanctioned 10 Lakhs.

(II) Department of Social Sciences and Commerce

The Department of Social Sciences and Commerce was established in the year 2016 under BBAU Satellite Campus. The Department offers the courses of 05 Years Integrated B.A. & M.A. in Social Science with a combination of History, Political Science, Public Administration and B.Com. are being offered as optional subjects in the Department.

1. Course detail

i. B.Com.

ii. Integrated B.A. and M.A. in Social Sciences (Optional subjects- History, Political science, Public Administration, Hindi and English)

2. Details of faculty:

i. Dr. Leena Sharad Shimpi,

Assistant Professor

ii. Dr. Sushil Pandey

Assistant Professor

3. Departmental level Academic Activity :

i. An Elocution competition was organised by the department on 27.04.2018 on 'Law and Gender'. Around 17 participants expressed their views on the topic.

ii. Students and Teachers participated in the Teacher Day Celebration organised by the department on 05th September 2018. All the students expressed their gratitude towards the teachers and the teachers enlightened the students with their words of wisdom.

iii. Poster Making competition and essay writing competition was organised by the deparment to celebrate Gandhi jayanti on 02nd Oct, 2018. Three winners for each competition was selected and awarded.

iv. On 14th November 2018, the department celebrated Children's Day. All the faculties & students of the department actively participated on the occasion.

v. On 12th January 2019, Vivekanand Jayanti was celebrated. An essay writing competition was organised by the department the topic of "Ideologies of Vivekanand Nanda". 18 students participated in the competition, out of which three winners were awarded for their best essay.

4. Details of Book written by the faculty:

Dr Sushil Pandey

i. Lok Tantra me Jaati aur Rajniti

5. Details of publication :

i. Acharya Kutilya ka Yudh Darshan

ii. Digital divide a division between information and communication technology and digital Growth

iii. Data mining survey strategies and its contribution in web environment.

iv. Assessment of input values collected from the data base using classification algorithm

6. Participation in conference /seminar:

i. National Seminar in Guhati by ICHR

ii. National Seminar in BHU by ICHR

iii. National Seminar in Hydrabad by ICHR

7. Details of invited lectures delivered :

i. Special Lecture delivered at Ram Swaroop University

ii. Special Lecture delivered at Ambalika Institute of Technology

iii. Special Lecture delivered at SR group of Engineering College

iv. Keynote Speaker in National Seminar in BHU by ICHR

III. Department of Languages and Vocational Studies

The Department of Languages and Vocational studies was established in the year 2016 under BBAU Satellite Campus. The Department offers undergraduate and postgraduate courses is B.Sc (Food Science & Technology) and M.A. (English). The department has well established laboratory facilities.

1. Course Details

i. M.A. (English)

ii. B.Sc (Food Science Technology)

2. Details of faculty

i. Ms. Komal Singh

Assistant Professor & Co-ordinator

Specilization ; Cereal Technology,Fruits and vegetable technology,Meat and Egg Technology,Guidance and counselling, Curriculum development.

Qualification: M.Sc.(Food Science and Technology),B.Ed., M.Ed., C-DAC computer course, ASRB-NET

ii. Dr Hariom Singh

Assistant Professor

Qualification : Ph.D

3. Co-curricular /extra –curricular/ sports activity by the department

i. Dr. Bhimrao Ambedkar Jayanti was organized at 10:30 am in the presence of Faculty members, the non- teaching staff and students with fervor on 14 April, 2018, The portrait of Dr. Bhimrao Ambedkar was garlanded and floral tributes were offered by all the teachers.

ii. Independence Day 2018

iii. National Nutrition Week – 2018

- National Nutrition week was celebrated in BBAU Satellite Campus, Tikarmafi, Amethi from 5 September - 7 September 2018.
- In this program, 51 students from B.Sc. Food Science and Technology have participated.
- The program consisted of 6 events i.e. 2 events each day; Salad decoration competition, debate, nutrition quiz, Rangoli completion, slogan writing

competition and collage making competition.

- Students have actively participated in the events.
- There were I and II prize for winners for each event. Certificates of participation were distributed to all the participants.
- Members of the organizing committee of the event were Ms. Komal Singh, Dr. Jaya Tripathi and Ms. Tripti Kanda; faculty members of FST department.

iv. Salad Decoration

v. Rangoli Competition

vi. Nutrition Quiz

vii. Collage Making

viii. Self Defence Programme on 8th September 2018

ix. Sports

On 25th January, 2019, a sports meet for the students was organized. Sporting events under categories cricket, Volleyball, Race (100 meter, 200 meter,400 meter)were held and the winning teams were felicitated by the teaching staff.

x. Republic Day :

The Republic day was observed on 26 January, 2019 and the Tricolor was hoisted at 8:10 am by the Campus I/c Administration a gathering of Faculty members, officers, students and staff. This was followed by singing the National Anthem and address by the Campus I/c. The ceremony concluded with the distribution of sweets.

xi. National Science Day

xii. Women's Day 2019

On 8 March 2019 International Women's Day was held in BBAU satellite campus Tikaramfi Amethi. All Students and faculty participated in the event, and presented their views. At the beginning of this program, the students provided the trees as symbols to the teachers :administrative in-charge Dr. Komal Singh, Dr. Sushil Pandey, Dr. NeerajTiwari, Dr. Anil Kumar, Dr. Narendra Kumar Mishra, Dr. Wasiur Rehman, Mrs. Reena, Ms. Vandana Gupta. "the development of a special society, is not possible without the contribution of women." This idea has been successful in understanding the children with all the consent

4. Details of Books/Edited Books/book Chapters

i. **Singh, Komal (**2018) Indian Beliefs, Meat Industry and Impact onanonomy. International Journal of Science Technology and Society (A BBAU Journal) Volume 4, November 2018. ISSN NO 2395-1605, Online ISSn No 2395-7395.

Membership in various Professional Bodies

1. Life Membership of VigyanBharti (vibha).
2. Life Membership of Zoological Science of India (ZSI).
3. Life Member of Society of Life Sciences.
4. Life Member of Society for Conservation of Wildlife

Community Work/Media/Appreciation letter

1. Organised "**National Science Day"** on 28th February, 2019, by Dept. of Languages & Vocational Studies at BBAU Satellite Campus, Tikarmafi, Amethi.

2. Organised "International Women Day"on 8th March, 2019 by Dept. of Languages & ocational Studies at BBAU Satellite Campus, Amethi.
3. Paper presented in Akhil Bhartiya Seminar in Jagdish Sarain Hindu Sarant Kota Magavidhalaya Amroha (U.P.) on 8th – 9th December 2018, Indian balanced diet recipes.
4. Organized "National Nutrition Week"on 5th to 7th September, 2019 by Dept. of Languages & Vocational Studies at BBAU Satellite Campus, Amethi.
5. Organized "Self Defense Program" 8th September 2019 by Dept. of Languages & Vocational Studies at BBAU Satellite Campus, Amethi.

Dr Hariom Singh

Assistant Professor

Language and Vocational Studies

BBAU Satellite Campus, Amethi (UP)

Fellowship: Was awarded University Research Fellowship from BHU and Junior Research Fellowship (JRF) from UGC while pursuing Ph.D.

Member of Editorial Board of the international journal 'Glocal Colloquies'

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 others wardens as per hostel capacity in each hostel at the help of affairs. The girl's 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. PreetyChoudhari, ADSW (Cultural)
- Dr. Ram Pravesh Pal,RA
- One Office Assistant
- One Office Attendant
- One Plumber
- 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

1. AC Common Room
2. Study Hall
3. AC Parents Guest Room
4. Water geysers
5. Water Cooler with RO
6. LED T.V. with HD set top box
7. Indoor games room
8. Badminton Court
9. Wi- Fi
10. Medical facility available
11. On demand Ambulance facility
12. Disable Toilet for handicapped Inmates
13. Newspaper, Magazine facility
    i. Amar Uajala
    ii. Times of India
    iii. Dainik Jagran
    iv. Front Line
    v. India Today
    vi. 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. Ranjeet Kumar Choudhary
Warden	:	Dr. Sudipta Saha
Warden	:	Dr. Jiwan Singh
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 and 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 Three year and the system has been working well.

Hostel Office- The hostel office staffs consisting of support staff including one data entry operator, one office attendant and four housekeepers.

HOSTEL WARDEN

Dr. Anil Kumar Yadav :	Administrative Warden
Dr. Mukesh Kumar Awasthi	Warden
Dr. Ravi Kumar Gupta	Warden

SIDDHARTHA BOYS HOSTEL

Hostel Warden: Dr. Sharad Kumar Sonker (Warden Administration)

Dr. Jawahar Lal Jat (Warden)

The hostel is a modern building built with the financial help of the Ministry of Social Welfare (SC). It houses hundred students with most of the basic facilities such as good water, sanitation, garden, rooms, and equipments. It has been catering to the needs of the poorest section of Indian society. The philosophy of the hostel is 'become an agent of socio-economic transformation of society'.

Objectives

Hostel plays a critical role in shaping the academic life of students and their personality development. Keeping this fact into consideration, the hostel focuses on the following three objectives

- Providing congenial atmosphere for wholesome life of students.
- Providing basic facilities that are crucial for students' stay in the campus.
- Imparting human values of love, compassion and positive action.

Facilities

The hostel has spacious building with lush green, serene, pollution-free premises. A total of fifty rooms available for student's occupancy. Rooms are airy and spacious with good natural light, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables and chairs, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Wardens (Administrative Warden and Warden), DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of fifty students. This hostel has cooperative mess managed by students by the way of forming different committees. Joining the mess is compulsory in the hostel. Every attempt has been made to provide healthy food to make sure the physical and mental health of students.

Other facilities are

1. Water geysers
2. Water Coolers
3. RO Plant
4. LED T.V. with HD set top box
5. Indoor games room
6. Badminton Court
7. Various sports items such as cricket kits, Basket ball, foot ball etc
8. Gymnasium
9. Wi- Fi connectivity
10. Basic Medical facilities
11. Inverter facility for electricity backup in hostel mess
12. On demand Ambulance facility
13. One Guest room for Parents
14. One Common Room

Hostel Office

The hostel office staffs consisting of support staff including one Data Entry Operator, two housekeepers, one gardener and one security guard.

SANGHMITRA GIRLS HOSTEL

Hostels in academic institutions are the epicenters of the dynamics of the campus life. Sanghmitra Girls Hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University's liberal democratic academic culture. Situated next to the Vice Chancellor's Residence, the Hostel is a four storied building having 84 rooms with balcony and good ventilation. It is a spacious, well furnished hostel enclosing lawns with rose beds and hedges. The Hostel provides residential facilities to bonafide postgraduate and Ph.D female students of the University. Mess facility is available in the hostel. Mess is privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to the inmates. Eight Commercial Aqua Guards cum Purifiers are installed on each floor and dining hall to provide purified RO water to the inmates.

The guiding principle of the University has been to uphold democratic and egalitarian values and strive towards intellectual excellence. Therefore, the main objective of

Sanghmitra Girls Hostel is to ensure that the inmates are able to devote adequate time to their studies and research as well as to develop a climate congenial to co-curricular and extra-curricular activities of inmates. All hostel inmates are expected to maintain the spirit of camaraderie and dignity. The Hostel Office located within the Hostel premises, is integral part of the Hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the University Campus. A Fully furnished Air conditioned common rooms, equipped with recreational and indoor game facilities such as Carroms, Chess, Table Tennis, Chess board, etc adds to the vibrancy of the hostel, encouraging the inmates to actively engage in co-curricular activities.

Facilities Available in Hostel

- Well furnished rooms with comfortable and functional furniture.
- 8-R0 Purified drinking water cooler.
- 1 Geyser in each 8 bathrooms
- National dailies and magazines in Hindi and English are subscribed.
- Student's visitors cum reading room.
- Reading area in each floors.
- 1 A/C and 2-Non A/C Guest room.
- Nutritious and hygienic meals.
- Aqua guard for mess kitchen.
- Roti Maker Machine for mess kitchen.
- Dough Maker Machine for mess kitchen.
- Food Warmer Machine for mess kitchen.
- Fully furnished and spacious dining hall.
- Inverter facility in dining hall.
- Well constructed parking facility.
- Health care and ambulance facilities.
- Recreation Hall Facility.
- LED T.V. facility.
- Wireless Microphone (Mike) with Speaker for students.
- Well constructed Badminton Court facility.
- Fully furnished and well equipped Gymnasium.
- Treadmill Facility.
- Full time matron.
- Wi Fi Connectivity facility.
- Well maintained garden.
- Projector facility.
- Induction Stove Facility for heating milk and water.
- Fire alarm control panel facility.
- Refrigerator Facility.
- RO Plant Facility.

Staff Details in Hostel

1. **Administrative Warden:** Dr Deepa Raj, Asst professor, Department of computer science BBAU Lucknow
2. **Maintenance Warden:** Dr Sufiya Ahmed, Asst. professor, Department of Law BBAU Lucknow

Event organized at Sanghmitra Girls Hostel

- A Hostel night was organized on 04.05.18 with farewell/ Fresher party to encourage the co-curricular talent among the students.

Details of inmates of Sanghmitra Girls Hostel related to Category wise. (Session : 2018-19)

Category, State & Country wise. (Year 2018-19)								
	State And Country wise		Categroy wise					
S.N.	State	Country	GEN	OBC	SC	ST	PH	Total
1	Uttar Pradesh	-	53	11	50	4	1	**119**
2	Uttarakhand	-	2	-	-	-	-	**2**
3	Haryana	-	1	-	-	-	-	**1**
4	Odisha	-	1	-	1	-	-	**2**
6	Bihar	-	3	2	1	-	1	**7**
7	Chattisgarh	-	1	-	-	-	-	**1**
8	New Delhi	-	-	-	-	1	-	**1**
9	-	Myanmar	2	-	-	-	-	**2**
10	W.Bengal	-	-	-	1	-	-	**1**
13	Punjab	-	1	-	-	-	-	**1**
14	Jharkhand	-	2	1	-	-	-	**3**
		Total Students	**69**	**14**	**54**	**5**	**2**	**144**

Hostel Capacity for inmates: The hostel capacity is 162 inmates. (162 in rooms allotted).

SANGHMITRA GIRLS HOSTEL EXTENSION

Hostels in academic institutions are the epicenters of the dynamics of the campus life. Sanghmitra Girls Hostel Extension spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University's liberal democratic academic culture. Situated next to the Vice Chancellor's Residence, the Hostel is a four storied building having 166 rooms with balcony and good ventilation. It is a spacious, well furnished hostel enclosing lawns with rose beds and hedges. The Hostel provides residential facilities to bonafide postgraduate and Ph.D female students of the University. Mess facility is available in the hostel. Mess is privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to the inmates. Four watercooler with RO are installed on each floor and dining hall to provide purified RO water to the inmates.

The guiding principle of the University has been to uphold democratic and egalitarian values and strive towards intellectual excellence. Therefore, the main objective of

Sanghmitra Girls Hostel Extension is to ensure that the inmates are able to devote adequate time to their studies and research as well as to develop a climate congenial to co-curricular and extra-curricular activities of inmates. All hostel inmates are expected to maintain the spirit of camaraderie and dignity. The Hostel Office located within the Hostel premises, is integral part of the Hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the University Campus.

Facilities Available in Hostel

- Well furnished rooms with comfortable and functional furniture.
- 04-R0 Purified drinking water cooler.
- 08 watercooler in Hostel.
- 02 Geyser in each floor.
- Hindi and English Newspaper are Available in Hostel
- Reading area in each floors.
- 04-Non A/C Guest room.
- Nutritious and hygienic meals.
- R0 Purified water for mess kitchen.
- Fully furnished and spacious dining hall.
- Well constructed parking facility.
- Health care and ambulance facilities.
- Recreation Hall Facility.
- Full time matron.
- Wi Fi Connectivity facility.
- Well maintained garden.
- Induction Stove Facility for heating milk and water.
- Refrigerator Facility in Mess.

Staff Details in Hostel

3. **Administrative Warden:** Dr Shalini Agarwal, Asst professor, Department of Home science BBAU Lucknow.
4. **Maintenance Warden:** Dr Preeti Gupta Asst. professor, Department of Chemistry BBAU Lucknow

Event organized at Sanghmitra Girls Hostel

- Holi Celebration was organized on 15 March 2019 with students.

Details of inmates of Sanghmitra Girls Hostel Extension related to Category wise. (Session : 2018-19)

Category, State & Country wise. (Year 2018-19)								
	State And Country wise		Categroy wise					
S.N.	State	Country	GEN	OBC	SC	ST	PH	Total
1	Uttar Pradesh	-	125	32	61	05	-	**223**
2	Uttarakhand	-	02	01	01	01	-	**5**
3	Maharashtra	-	02	-	-	-	-	**2**
4	Odisha	-	01	-		-	-	**1**

Category, State & Country wise. (Year 2018-19)								
	State And Country wise		Categroy wise					
S.N.	State	Country	GEN	OBC	SC	ST	PH	Total
5	Bihar	-	01	01	02	-		**4**
6	MP	-	02	-	01	-	-	**3**
7	New Delhi	-	02	-	-		-	**2**
8	Jammu & Kashmir	-	01	-	-	02	-	**3**
9	W.Bengal	-	01	-		-	-	**1**
10	Punjab	-		01	-	-	-	**1**
		Total Students	**137**	**35**	**65**	**08**	**00**	**245**

Hostel Capacity for inmates: The hostel capacity is 310 inmates.

(155 in rooms allotted).

Chitralekha Girls Hostel

Chitralekha Girls Hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University. The hostel is a double storied building having 52 rooms. Hostel provides residential facilities to bonafide Undergraduate, Postgraduate and Ph. D. students full time in the programme of the University. Mess facility is also available in the hostel mess, privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to ensure Healthy inmates. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the university campus.

1. Facilities available in Chitralekha Girls Hostel

i. Air Conditioner Guest room-01

ii. Dining Hall-01

iii. Disable Toilet for Handicapped Inmates-01

iv. First-Aid facilities.

v. Games and Sports facilities. (Badminton, Carom, Chess, Tanis)

vi. LED T.V. with HD set top box-01

vii. On demand Ambulance facility

viii. Water Cooler with Water Purifier with R.O. Plant

ix. Water geysers-05

x. Wi-Fi connectivity.

xi. Security Guard (24 hours) with C C TV Camera around the Hostel.

xii. Sanitation Facility

xiii. Newspaper, Magazine facility such as

- Amar Ujala
- Dainik Jagran
- The Hindu
- India Today

- Pratiyogita Darpan

2. Hostel Office and Administration

In order to facilitate the administration and day to day affairs, the hostel has office with supporting staff including one office assistant, one attendant two housekeepers, one gardener, and security guard.

- Hostel Warden (Administration): Dr. Monica Sharma
- Hostel Warden: Dr. Sandhya

Yashodhara Girls Hostel

Yashodhara girl's hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University liberal democratic academic culture. The hostel is a four storied building having 105 rooms with double seated and ventilated balcony. Hostel provides residential facilities to bonafide B.Tech, Postgraduate and Ph.D students full time in the programme of the University. Mess facility is available in the hostel mess, run privatized caterer under (Co-operative Mess) the supervision of hostel administration. Nutritious and hygienic meals are provided to students to ensure healthy inmates.

Hostel inmates are expected to maintain the spirit of camaraderie and dignity. The hostel office located within the hostel premises is an integral part of the hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Center located inside the University campus. A fully furnished common room equipped with recreational and indoor game facilities such as carom, chess, table tennis etc adds to the vibrancy of the hostel, encouraging the inmates to actively engage in co-curricular activities.

Objective of Yashodhara girls hostel:- Hostel was established in the year 5/Sept/2012 with following Objectives.

- To ensure that the inmates are able to share good time coming from various parts of the country and live together in harmony and develop mutual understanding for good will.
- To strengthen student by providing internet facilities to devote quality time to their studies and research.
- To develop a spirit for co-curricular and extra – curricular activities within students.
- To propagate an environment of community living and to inculcate sense of social responsibility.

Facilities :- Yashodhara girls hostel has provided following facilities in the session 2018-2019 to 206 inmates residing inside the hostel. These are -

Study Room :- One room exclusively for study purpose and facilitate with tables and chairs.

Internet: - Internet facility is being provided to the inmates and the system Land-LAN has been working well.

Game and sports: - There are out-door and in-door games facilities in the hostel like a chess, carom, badminton, table tennis etc.

Potable water: - Seven Water coolers with RO water plant.

Dining Hall: - Fully furnished and spacious dining hall to accommodate 60 Students at a time. The mess Contract was reviewed and mess has been given to M/S R.R Caterers who has providing healthy and hygienic food to the students at a reasonable rate.

Common Hall: - Common hall equipped with 42 inch LED T.V having DTH connection.

Along with sofa and chairs.

Visitor room:- One room is allotted for visitor with 10 seating capacity meeting time is from 4 - 6. pm.

Guest room:- One AC and one Non AC guest room are also available in the hostel with 02 seated respectively on guest charge as per university rule.

Dormitory: - Dormitory halls are available in hostel, which are given on guest charges as per university rules.

Gymnasium: - Fully furnished and well equipped gymnasium. Having many dedications to cater health needs of students (List Attached at page no - 3)

Equipments Name	Equipments No.
Gym Deluxe Commescial Motorized Treadmill	1
Gym Cirwit Trainer crtr 30	1
Gym Deluxe Flat Bench press bench	1
Gym Deluxe Abdoimal Trainer Bench	1
Gym Weight Plates St 100 Kg Total	1
Gym Dumbells set 41 Kg Total	1
Gym Chrome steel bars set	1
Gym Dumbells Rack	1
Personal Weighing scale	1

Hostel Office

The Administration and other day to day hostel affair is looked after the office. Constitutions of YGH are given below

S. No	Name	Post	No
1.	Dr. K.Sharmila	Administration Warden	01
2.	Dr. Manjari Raj Oraon	Warden	01
3.	Dr. Shanu Singh	Warden (Charge not taken till date)	01
4.	Ms. Vandana Gupta	Office Assistant	01
5.	Ms. Nisha Pandey	Matron	01
6.	Mr. Sumit Singh	Office Attendant	01
7.	-	House Keepers	03
8.	-	Gardener	01
09.	-	Security Guard	03
10.	-	Gun Man	01

COMMITTEE OF BASIC FACILITIES FOR WOMEN

University have committee for basic facilities of women, which strives to provide basic sanitation, accommodation and other facilities like health and overall well being of women faculty and employees.

The committee is as follows

i. Prof. Shilpi Verma, DLIS, Chiarperson

ii. Dr. U V Kiran, DHDFS, Member

iii. Dr. Suman Mishra,DZ, Member

iv. Dr. Rachana Gangwar, DMCJ, Member

v. Dr. Sangeeta Chauhan, DE, Member

vi. Dr. Namita Jaisal,DH, Member

vii. Ms. Madhu Patel.,Estt. Section, Convener & Member

The committee organised one day seminar on "**Samaj mein Mahilao ki Sthithi evam parivartan ke liye navachaar**" on 8th March 2019 on the occasion of international Women's Day.

On 12th March 2019 a **Village Awareness Camp** was organised in Aurava village, Sarojininagar **especially for women**. In this awareness programme, nukkad nataks were performed by university students to make villagers aware about women's safety security, education, health and hygiene etc.

Other awareness campaigns were also organised during the year in 5 adopted villages. The details are as follows

i. 10/8/2018 —Miranpur Pinvat Village

ii. 11/08/2018—Miranpur Pinvat

iii. 20/8/2018- Ramchaura

iv. 31/08/2018—Cahkoli

v. 01/9/2019-Dadupur

UNIVERSITY WORKS DEPARTMENT

CAMPUS DEVELOPMENT

COMPOSITION OF THE BUILDING COMMITTEE FOR THE FINANCIAL YEAR 2018-19

S.No.	Name/Designation of the members	Status	Address
1.	Vice-Chancellor, BBAU	Chairman	**BBAU**
2.	Prof. P.K.Sinha, Former Vice-Chancellor, Dr. Ram Manohar Lohia University, Faizabad in his capacity as Member Planning Board, BBAU	Member	Prof. P.K. Sinha, 2/427, Vikalp Khand, Gomti Nagar, Lucknow.
3.	A representative of the user department	-do-	BBAU
4.	Prof. N.M.P. Verma, BBAU, Lucknow (Prof. nominated by Vice-Chancellor)	-do-	BBAU
5.	Prof. Arbind Jha, Dean, School for Education, BBAU, lucknow (Prof. nominated by Vice-Chancellor)	-do-	BBAU
6.	Finance Officer, Babasaheb Bhimrao Ambedkar University, Lucknow	-do-	BBAU
7.	Director, University Institute of Engineering & Technology, Babasaheb Bhimrao Ambedkar University, Lucknow.	-do-	BBAU
8.	Chief Engineer, (NZ-II), CPWD or his representative not below the rank of Superintending Engineer	-do-	3rd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
9.	Dr. M.K.Sinha, Executive Member, Narmada Control Authority, Indore	-do-	Narma Sadan, Sector-B, Scheme no.74, Vijay Nagar, Indore, M.P.
10.	Executive Engineer (Electrical), Lucknow Central Electrical Division, CPWD, Lucknow.	-do-	3rd floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
11.	Er. R.K.Srivastava, Executive Engineer, Irrigation Department,.	-do-	Sadar, Lucknow

S.No.	Name/Designation of the members	Status	Address
12.	Executive Engineer, BBAU, Lucknow	-do-	BBAU
13.	Chief Architect, UP Public Works Department, or his nominee	-do-	Nirman Bhwan, opposite Governor House, Lucknow
14.	Chief Architect (NZ-II), Central Public Works Department, Lucknow	-do-	4th floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow
15.	Pro. Deepa H. Dwivedi, Co-ordinator, Garden & Beautification Section, BBAU, Lucknow	-do-	BBAU
16.	Registrar, Babasaheb Bhimrao Ambedkar University, Lucknow	(Member Secretary)	BBAU

ACHIEVEMENTS MADE DURING 2018-19

i. Roof top solar system of 750 KWH capacity was installed in the University campus on RESCO mode where University did not incur any expenditure. University is required to pay the charges for solar energy generated at fixed rate of 3.91 paisa per unit for next 25 years to the firm which installed the solar system and is also responsible for operation and its maintenance.

ii. With the installation of the roof top solar system, University is likely to save Rs.66.50 lakhs per annum in electricity bill.

iii. University also developed two parking sheds one adjacent to Auditorium and another at Central Library through solar panels without incurring any expenditure for the same. Only, flooring at Auditorium was done by the University and at Central Library flooring is yet to be done.

iv. The construction work of two nos. OBC Boys and Girls hostel of 100 capacity each sanctioned by Ministry of Social Justice and Empowerment were awarded to CPWD.

v. Construction of General Toilets block for Gents and Ladies Toilets at Sports Ground completed.

vi. Proposal for Rs. 462 crores was submitted to MHRD for availing grant for various capital works under HEFA scheme.

vii. Proposal for raising the boundary wall of the University campus was sent to UGC for approval with estimated cost of Rs. 163 lakhs.

Inaugurations done

S. No.	Name of the building	Inaugurated on	Inaugurated by
11.	Solar parking adjacent to Auditorium	10-01-2019	Prof. N.M.P.Verma, Vice-Chancellor

Status of Financial & Physical Progress of works awarded to C.P.W.D. during financial year 2018-19

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation In Rs in Lakhs	Funds released up to financial year 2017-18 In Rs in Lakhs	Funds released during 2018-19 In Rs in Lakhs	Status of work as on 31-03-2019
1	Repair and renovation of Girls' hostel	240.84	207.716	15.149	Completed
2.	S.B.B.T. Phase-II (Department of Education cum Plant Science block)	1319.35	1132.76	20.982	Completed
3.	**Horticulture activities**	118.60	80.45	6.479	Completed
4.	Construction of Students Activity Centre	**987.00**	329.00	178.003	Work in progress likely to be completed by 31-07-2019
5.	Construction of 100 seated OBC Boys' hostel	**328.00**	--	32.80	Tenders invited by CPWD and in the process of finalization
6.	Construction of 100 seated OBC Girls' hostel	**328.00**	--	32.80	Tenders invited by CPWD and in the process of finalization
			Total	**286.213**	

Various Works Undertaken Directly by the University

Civil Works

S. No.	Name of Work	Value of work done in Rs.	Status of work	Work Order No./Supply Order No.
1	Tile flooring and finishing work at laboratory of Rearing House	10,612.00	Completed	File No. 5(211)/2018
2	Providing and fixing of Roller Blinds, curtains with all accessories of V.C. Camp Office.	45,150.00	Completed	Letter No. 275/5(682)/2018 dt. 02.05.2018
3	Aluminum Partition work at 1st floor in existing rooms of UIET Building	2,52,933.00	Completed	Letter No. 109/5(671)/2018 dt. 17.04.2019
4	Removal of M.S. grill and collapsible shutter gates at both the statues situated in Ambedkar Bhawan and Auditorium on most urgent basis	45,000.00	Completed	File No. 5(668)/2018
5	Painting and maintenance of flat No.-C-1/0-4, Flat No. B-2/2-3 & Flat No. C-2/0-2	43,109.00	Completed	Letter No. 108/5(328)/2018 dt. 17.04.2018
6	Rectification of drainage system of room no-2 at ground floor of Legal Studies Building	6,240.00	Completed	File No. 5(426)/2013
7	Painting and maintenance work at V.C. Residence	16,103.00	Completed	File No. 5(196)/2008 Part-5
8	Replacement of damaged glass pans of Pharmacology Lab Room No.-18 of SBBT Phase-III	7,200.00	Completed	File No. 5(689)/2018 Part-1
9	Replacement of Damaged Spider making glass pan of Central Library	24,814.00	Completed	Letter No. 738/5(580)2018 Part-2 dt. 04.07.2018

S. No.	Name of Work	Value of work done in Rs.	Status of work	Work Order No./Supply Order No.
10	Supply of plumbing goods for making water supply points for roof top for solar system	7,761.00	Completed	File No. 5(688)/2018
11	Construction of base for 03 Nos. water coolers at SAS Building and repairing of toughed door at VC Camp Office	8,873.00	Completed	File No. 5(196)/2008 Part-5
12	Aluminum partition work at room no 409, 410 & corridor of COE Office at 4th floor of Ambedkar Bhawan	1,44,885.00	Completed	Letter No. 847/5(646)/2018 Part-2 dt. 18.07.2018
13	Renovation of temporary shed near Yashodhra Girls Hostel	1,36,061.00	Completed	Letter No-866/5(268)/2018 dt. 20.07.2018
14	Supply and installation of laboratory sink and painting of research Lab of Deptt. of Applied Chemistry old Administrative Block No.-4 Ground Floor	15,184.00	Completed	File No. 5(674)/2018
15	Inaugural Stone of Guest House	9,000.00	Completed	File No. 5(656)/2018
16	Providing and fixing of Aluminum door seal in 29 Nos. Doors of SBBT Phase-III	8,120.00	Completed	File No. 5(689)/2018
17	Construction of General Toilets block for Gents and Ladies Toilets at Sports Ground	12,45,241.00	Completed	Letter No. 929/5(690)/2018 dt. 26,07.2019
18	Construction of Pond for Running of B.Voc Course (1st R.A. Bill)	4,69,665.00	Works in Progress	Letter No. 891/5(635)/18 dt. 24.07.2018
19	Extension of Research Lab of Deptt. of Zoology	1,38,111.00	Completed	Letter No. 846/5(680)/18 Part-2 dt. 18.07.2018

S. No.	Name of Work	Value of work done in Rs.	Status of work	Work Order No./Supply Order No.
20	External water GI Pipe line connection for field of Deptt. of Environmental Microbiology	15,984.00	Completed	Letter No. 892/5(673)/2018 dt. 24.07.2018
21	Repairing of damaged flush door shutter of toilets of flat no. B-2/1-2 of Dr. GovindJi Pandey	750.00	Completed	File No. 5(457)/2015 Part-2
22	Arrangement of drinking water facilities at Sports ground near Type-A Residence	1,22,072.00	Completed	Letter No. 865/BBAU/18 dt. 20.07.2018 File No. 748/Sports Section and No. 12575/R
23	Construction of Open Parking of Auditorium for Light Vehicles	38,63,003.00	Completed	Letter No. 930/5(605)/ 2018 dt 26.07.2018
24	Extension of Research Lab Deptt. of Applied Chemistry	1,13,592.00	Complete	Letter No. 864/5(680)/18 Part-1 dt. 20.07.2018
25	Shifting and Re-errection of existing Mild Steel fencing of volleyball court and goal post of Sports Ground	1,06,037.00		File of Sports Section File No. 11990/R
26	Aluminum Partition in Bio Safety Lab (Level-II) at SBBT-I Room No. 207	1,27,400.00	Complete	Letter No. 1420/5(684)/18 dt. 05.10.2018
27	Dismantling and repairing of divider of In-front of the gate Ambedkar Bhawan	23,098.00	Complete	Letter No. 1717/5(499)/18 dt. 14.11.2018
28	Overhauling and repairing of M.S. Gate of UIET	4,900.00	Complete	5(685)/2018
	Total	**70,10,898.00**		

Electrical works

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
1	Supply of Recess Mounting LED 2X2 43 Watt Luminaire	22,982.00	Completed	5(96)/Elect/2017
2	Supply of electrical tools and measuring cum safety equipements for Electricains & Substation Operators.	1,92,275.40	Completed	5(99)/Elect/2018
3	Break Down Urgent Repairing - Near Boys Hostel	29,150.00	Completed	5(412)/13
4	Break Down Urgent Repairing	19,350.00	Completed	5(85)/Elect/2017
5	Power Wiring for geyser New Sanghmitra Girl's Hostel in BBAU campus.	36,477.58	Completed	5(45)/Elect/2017
6	AMC of Central Library 2 Nos. Lift and Supply of ARD Battery	2,68,848.00	Completed	5(584)/2015
7	Supply of Electrical goods and Re-Installation of A.C. Outdoor	91,737.00	Completed	5(103)/Elect/2018
8	Supply of 2 HP Monoblock pump with accessories for preventive maintenance of substation	24,150.00	Completed	5(3)2016 (Elect)
9	Repairing of 1.5 HP Submersiable pump at V.C. Residence / camp office at BBAU Campus.	9,400.00	Completed	5(3)2016 (Elect)
10	SITC of ESE based lighting protection system (CPRI Approved) at S.E.S. builing of BBA University, Lucknow	1,72,575.00	Completed	5(93)/Elect/2017

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
11	Supply of electrical goods for electrical store	24,532.00	Completed	5(535)/2014 Part - I
12	Supply and installation of 2 H.P. mono block pump at Central Library	18,181.00	Completed	5(3)/Elect/2019
13	Supply and Laying of XLPE cable at newly built confrence hall near RCA building	73,640.00	Completed	5(412)/15 Part - II
14	Purchasing of Hard disc	17,499.00	Completed	5(3)2016 (Elect)
15	Supply of Batteries & Repairing of UPS	18,300.00	Completed	5(29)/Elect/2016
16	Reinstallation of 02 No. Camera near Gate No. 3	9,558.00	Completed	5(114)/Elect/2019 (T/C)
17	Maintenance of AC Plant AHU of Central Library 3rd floor	67,460.00	Completed	5(40)/Elect/2018
18	Battery Purchasing of D.G. Set	48,299.00	Completed	5(92)/Elect/2017 Part-III
19	Servicing & Repairing of 125 KVA & 250 KVA D.G. Set of BBAU Satellite Campus Amethi.	70,068.00	Completed	5(65)/Elect/2016 part-II
20	Fire AMC charges (1-4-18 to 30-9-18)	8,55,410.00	Completed	5(78)/Elect/2019 Part-III
21	Annual operation & maintenance contract of various centralized A.C. Plants installed at BBAU	11,08,663.00	Completed	5(462)/2014
22	AMC of D.G. Set 7 Nos	2,39,415.00	Completed	5(92)/Elect/2017 Part-III
23	Payment of 3 Months (Oct-Nov-Dec) of AMC of 6 Month lifts installed at Ambedkar Bhawan	98,734.00	Completed	5(107)/Elect/2018

Sr. No.	Name of Work / Supply	Total Expenditure (In Rs.)	Status of Work	File Details
24	AMC of Ceiling, Exhaust & Wall Fans installed at BBAU Campus.	1,25,518.00	Completed	5(271)/14 Part-III
25	Operation of Ambedkar bhawan AC Plant	6,11,380.00	Completed	5(100)/Elect/2018
	Total Amount (Rs.)	**42,53,601.98**		

Thus, Works costing approx. Rs. 112.65 lacs were taken up directly by the Engineering Department of the University during the financial year 2018-19.

Miscellaneous works

1. Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.
2. The water supply of the campus was maintained through own tube wells and similarly, the electric supply of the campus was maintained through 11/0.4 KV sub-station in the campus.
3. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.
4. Meeting of the Building Committee was convened and support was given for other statutory body meetings.

All these achievements were made with very limited staff strength in the Engineering department.

CENTER FOR INDUSTRY INSTITUTION PARTNERSHIP PROGRAMME (CIIPP)

A lot of innovative and Industry orientated research and knowledge can be contributed by the ignited minds of young researchers and faculties with the world class infrastructure getting developed in most of the reputed universities and institutes as a center of higher learning. however, it needs an adequate atmosphere, supportive procedures, work friendly rules and proper executive frame work. This center (CIIPP) has been established by our university to inculcate and develop such competitive, excellent and globally acceptable research outputs from the campus involving the excellent human resource and infrastructure base of university academicians, Industry representatives and reputed experts under one forum for the outcome of the knowledge and technologies needed by various industries.

Efforts towards establishing a state or art in industry university partnership is carried out by CIIPP in the several departments and enters of the university. Various research projects have been initiated in collaboration with the prominent national funding agencies. besides this industrial support has also been offered by some renowned industries.

The list of projects submitted by the faculty, BBAU, Lucknow is given below

PROJECTS SUBMITTED BY BBAU FACULTY TO THE DIFFERENT FUNDING AGENCIES IN THE SESSION 2018-19

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Total Budget	Duration
1	Prof. Shubhini A Saraf Department of Pharmaceutical Science	Setting up of the facility for evaluation the oncogenic/antioncogenic or toxic potential/efficacy of pharmaceutical formulations for educational institutions and for the small scale pharmaceutical industries	DST, New Delhi	8403600/-	3 Years
2	Dr. Jyoti Pandey Assistant Professor Department of Applied Chemistry	Greener biogenic approach for the development of multifunctional bionanocomposite films and their applications	DST-SERB, New Delhi	3429865/-	3 Years
3	Prof. Deepa H. Dwivedi Department of Horiculture	Intercroping of high value crops in commercial orchards for enhancing farmers' income in central Uttar Pradesh	UPCAR, Lucknow	25.994/- Lcas	3 Years

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Total Budget	Duration
4	Dr. Ravi Shankar Verma Assistant Professor Department of Horiculture	Vegetable grafting to enhance production and quality of solanaceous vegetables	UPCAR, Lucknow	1135200/-	3 Years
5	Prof. R. B. Ram Department of Horiculture	Establishement of model nursery for fast multiplication of elite clones and new varieties of Bael, Jamun, Custard Apple, Ber, Chironji, Kamrakh, Avocado and Pummelo	UPCAR, Lucknow	25.00/- Lcas	3 Years
6	Dr. Sutanu Maji Assistant Professor Department of Horiculture	Horticultural diversification through assessment of a high value Dragon fruit (Hylocereus sp.) crop at central U.P. region under irrigated condition	UPCAR, Lucknow	24.871/- Lcas	3 Years
7	Prof. Gajanan Pandey Department of Applied Chemistry	Preparation of well defined shape and controlled size metal nanoparticles and their use as catalysts in organic transformations	DST-SERB, New Delhi	6916000/-	3 Years
8	Dr. Anjani kumar Tiwari Associate Professor Department of Applied Chemistry	Correlation of 5-HT7/TSPO ligands for neurocognitive functions	DST, New Delhi	6071200/-	2 Years
9	Dr. D. K. Yadav Assistant Professor Department of Economics	Dynamics of Diversification in Rural Economic Activities: Analysing the Role of MUDRA Yojana in the Context of Rural Uttar Pradesh	ICSSR, New Delhi	24,60,000/-	2 Years
10	Prof. B. C. Yadav Professor Department of Physics	Preparation and properties of self-healing polymer based nanohybrid materials for energy harvesting application	DST-RFBR	39,00,000/-	2 Years

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Total Budget	Duration
11	Dr. Pawan Kumar Chaurasia Assistant Professor Department of Information Technology	Design and Development of Framework for Cyber Crime Patterns: A case Study of Uttar Pradesh	UPCST, Lucknow	16,44,000/-	3 Year
12	Dr. Jay Shankar Singh Assistant Professor Department of Microbiology	Paddy/wheat crop residues burning at agriculture farm sites: Influence on soil fertility and agriculturally beneficial microbial aboundance/diversity	UPCST, UP	13,34,000/-	3 Years
13	Dr. Abha Mishra Assistant Professor Department of Zoology	Modification of biomaterial for improving the shelf-life and maintaining the quality of edible fish (catfish and scaly fish)	UPCST, UP	11,94,000/-	3 Years
14	Dr. Taruna Assistant Professor Department of Rural Management	Psycho-social well-being of women in prisons- A situational analysis	BPRD, New Delhi	20,38,400/-	15 Months
15	Dr. V. Elangovan Associate Professor Department of Zoology	Foraging behavior and ecological implications of insectivorous bats	SERB, New Delhi	49,82,952/-	3 Years

GAUTAM BUDDHA CENTRAL LIBRARY

The Gautam Buddha Central Library of the Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow was established in January 1998 to promote knowledge and its application through effective dissemination of knowledge and information. The Central Library has named as Gautam Buddha Central Library after the name of Lord GautamBuddha.

The Library is governed by LAC (Library Advisory Committee). The LAC is the apex policymaking body which functions under the chairmanship of Vice-Chancellor.The Library provides information services and facilities to meet the requirement of the teaching, research and training programs of the University. During the period, the Library was opened for 284days for the users'.The seating capacity of the Library is more than 300 users at a time. The library services are also open to 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. Presently, collection of the Library is 53229 documents and it provides access to 6954full-text online journals.

1.1 Location

The Library has been functioning in its two floors of newly constructed four storied building which is the central place of the University. The Library building consists of an area of 7917 sq.m.

1.2 Opening Hours

The Library remains open on each working day from 8:00 AM To 8:00 PM for its readers. On Saturday 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.

1.3 Sections of the Library

1.3.1 Acquisition Section: This section is responsible for the acquisition of all the books, monographs, government documents, gifts and other reading material relevant to the requirements of teaching and research programs of the university. The section helps the faculty members in selecting the new documents for procurement in the library through the latest announcements, publisher's catalogues and bibliographies. During the year 2018-19, this section has acquired 4978 documents.

1.3.1.1 Procedure for Book Purchase: The following procedure has been adopted for procurement of books for the Library.

- **Through Recommendation**: Book recommendation forms duly filled by the university fraternity with signature by 50% faculty of the Department and duly forwarded by the concerned Head of the Departmentare required for purchasing of books.
- **Through Book Exhibition:** Book Exhibitionsorganize 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.

1.3.2 Technical Section: After the acquisition of the documents, the technical

processing work i.e. classification and cataloginghas been done by technical sectionfor easy access of the documents. The classification of documents has been carried outthrough DDC 23rdedition. During the year the section has processed 4978 documents. WorldCat of OCLC has also been used for classification and cataloguing of the documents.

1.3.3 Circulation section: The section provides membership to the students, faculties and other staffs of the University. The books are issued from circulation section to the Library users according to their privileges on all the working days. The section has enrolled 3111 members of the library in 2018-19. The details of membership are mentionedin Table-1. The details of books issued and consulted are mentioned in Table-3.

Table 1: Membership of the Library

S. No.	Type of Membership	Male	Female	Total
i.	U.G. Students	525	304	829
ii.	P.G. Students	700	613	1313
iii.	Ph.D. Students	434	355	789
iv.	Faculty	89	39	128
v.	Non-Teaching	46	6	52
Grand Total		**1794**	**1317**	**3111**

Table 2: Borrowing Privileges

Sl.No.	Category	Privileges	No. of Days
i.	Faculty	8	One Semester
ii.	Group "A" Officials	3	30
iii.	Research Scholars PhD.	4	15
iv.	Research Scholars M.Phil.	3	15
v.	PG/UGStudents	2	15
vi.	Others	2	15

Table 3: Books issued

S. No.	Items	Total
i.	Book issued during the year 2018-19	16335
ii.	Books consulted in the Library	50454
iii.	Users consulted the Library	92378
iv.	Overdue Charges collected (In Rs.)	73565

1.3.4 Periodical section: The section subscribes periodical publications, newspapers, and magazines. The section subscribed 79 print journals, 26magazines and 23newspapers for the year 2018-19. An amount of Rs 28195was spent on newspapers during the period. The subscription and renewal of journals is under process for this year.The section has a seating capacity of the 50 students at a time where they have offline access to various reports, faculty publication, magazines, and newspapers, etc. During the period, 7356users visited in the section.

1.3.5 Cyber Section: Cyber section has a total number of 25 computers. The Library has Wi-Fi enabled access to the Internet where the users access the e-resources subscribed by the Library. During the period of 2018-19, 5697students visited in the section.

1.3.6 Thesis and Dissertation Section: The Library has a separate theses section to organize the thesis collection of the University. A total number of 1550 thesis (396) and dissertations (1154) are available in this section of various departments of the University. A total number of 252 thesis (182) and dissertations (70) are processed in the section. During the period, 229 visitors visited the section.

1.3.7 Braille Section: The Central Library is well equipped with the facilities for the PWDs (Person withDisabilities i.e. Divyangjan) students and staff. The library has two ramps in both sides of entry gates of library for the PWDs.The library has two lifts for moving one to another floor of the library that gives priorities to convenient PWDs.The library has setup a Braille Section for the visually differently abled and low vision students for providing them reading and listening facility in their studies with the help of following equipment, hardware and software

Table 4: Braille Equipments

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 Speech.	3 users
iv.	Large Print Key Board	5
v.	Clevy Keyboard	5
vi.	Desktop Video Magnifier with Speech (with 17" 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

S. No.	Braille Equipment Available in the Central Library	Qty.
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 Connectivity.	5

The library has organized several training program to utilize the Braille equipment, hardware and software in the Central Library.The Braille section also opens for the students/people from the other universities and colleges. The library publicized its Braille services among nearby Universities and educational institutions in Lucknow.

1.0 Facilities and services available in the Library: Following facilities and services are available in the Library for its users

2.1 Reprography or Xeroxing: The Library provides Xerox facilities in the library premises at a nominal cost of Rs.0.50 per page through private firm. Print out from digital files has also been provided through this service.

2.2 Circulation: The issue and return of the documents service are provided to the users from the circulation counter of the Library.

2.3 Document Delivery Service (DDS): Library provides a hard/soft copy of articles to the users under DDS.

2.4 Hindi Prakosth: The Library also extended its services in the form of *'HindiPrakosth'* for encouraging use of Hindi collection of books.

2.5 Email Alert: TheLibrary 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.During the year 5510 emails have sent to the users.

2.6 E-resources access service:E-Resources access facility has been provided to the University fraternity through Cyber section of the Library using Wi-Fi enabled internet. All the e-Resources are also accessible in the BBAU Campus i.e.from departments, laboratories, offices etc.

2.7 Reference service: The reference service is provided to students, faculties& other users for locating of required documents and consultation of various digital resources of the library.

2.8 Research Floor: This service started for the research scholars and the faculty members of the University. Presently, this section has seating capacity for 30 scholars and faculty. The section opens up to 11:00 PM on all working days.

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: TheLibrary has been providing new arrival facility through display of the newly acquired documents.

2.11Faculty Publication: This service dedicated to the faculties of the University, where they can display their research publications. The 44articles

includingbook 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) facility has been provided to the Central Library through INFLIBNET. The Library has been checking plagiarism fore-thesis and e-articles of the University fraternity. During the year, the plagiarism of 1585 documents has checked through Urkund.

2.13 Information Literacy Program: Under information literacy program, users' trainings have been organized by the Library for UG/PG/Ph.D. students of the University. The Library has organised trainings on "Effective use of e-Resources" for students and research scholars of the University on 29th, 30th November & 1st December 2018 and 143 Research Scholars were trained.

2.14 Library Automation: The Library ispartially automated by using an Open Source Software namely KOHA. Automation work in several sections such as circulation, technical section has been started with the help of KOHA. Entries of more than 4978books have enteredin the database. Now, users can access Library catalog through the Web-OPAC from the web address http://14.139.228.238/. The Library has been working on fully automation of the library in-house activities.

2.15 Website of the Gautam Buddha Central Library: Awebsite of the Gautam Buddha Central Library has developed. All the e-resources of the Library have been integrated with the website for easy access to the users. The website is accessible through http://14.139.228.238/.During the period 17691 online visitors visited the website.

2.16 Use of e-Resources: The usage of e-Resources has been obtained from InfiStats of INFLIBNET. The data shows that during the period, 98347 documents/articles have download from various e-resources provided by the INFLIBNET under e-ShodhSindhu consortium (table 5).

Table 5: Usage of e-Resources

Resource/ Months	APR-2018	MAY-2018	JUN-2018	JUL-2018	AUG-2018	SEP-2018	OCT-2018	NOV-2018	DEC-2018	JAN-2019	FEB-2019	MAR-2019	Total
Science Direct	4873	3036	1743	1910	2231	1741	1593	1051	1525	1948	2461	1966	**26078**
Springer Link	1238	1220	657	1027	1026	944	903	676	1116	1170	1291	1285	**12553**
JSTOR	729	916	273	542	808	1022	2758	973	918	1295	1194	1574	**13002**
Wiley-Blackwell	986	1009	424	689	483	471	447	632	564				**5705**
American Chemical Society	711	749	269	628	316	555	589	601	330	435	1493	877	**7553**

Resource/ Months	APR-2018	MAY-2018	JUN-2018	JUL-2018	AUG-2018	SEP-2018	OCT-2018	NOV-2018	DEC-2018	JAN-2019	FEB-2019	MAR-2019	Total
Taylor and Francis	548	609	264	523	522	368	454	453	426	378	627	423	**5595**
Nature	1259	1358	533	1151	838	923	1043	1054	756	813	2120	1300	**13148**
Oxford University Press	1259	1358	533	1151	838	923	1043	1054	756	813	2120	1300	**13148**
Institute of Physics	106	136	47	73	77	57	66	85		71	121	69	**908**
Emerald Publishing	32	44	15	24	61	153	80	55	23	35	18	40	**580**
Project Muse			3	1	16	5	17	15		12			**69**
Palgrave Journals		4	2		2								**8**
Total	**11741**	**10439**	**4763**	**7719**	**7218**	**7162**	**8993**	**6649**	**6414**	**6970**	**11445**	**8834**	**98347**

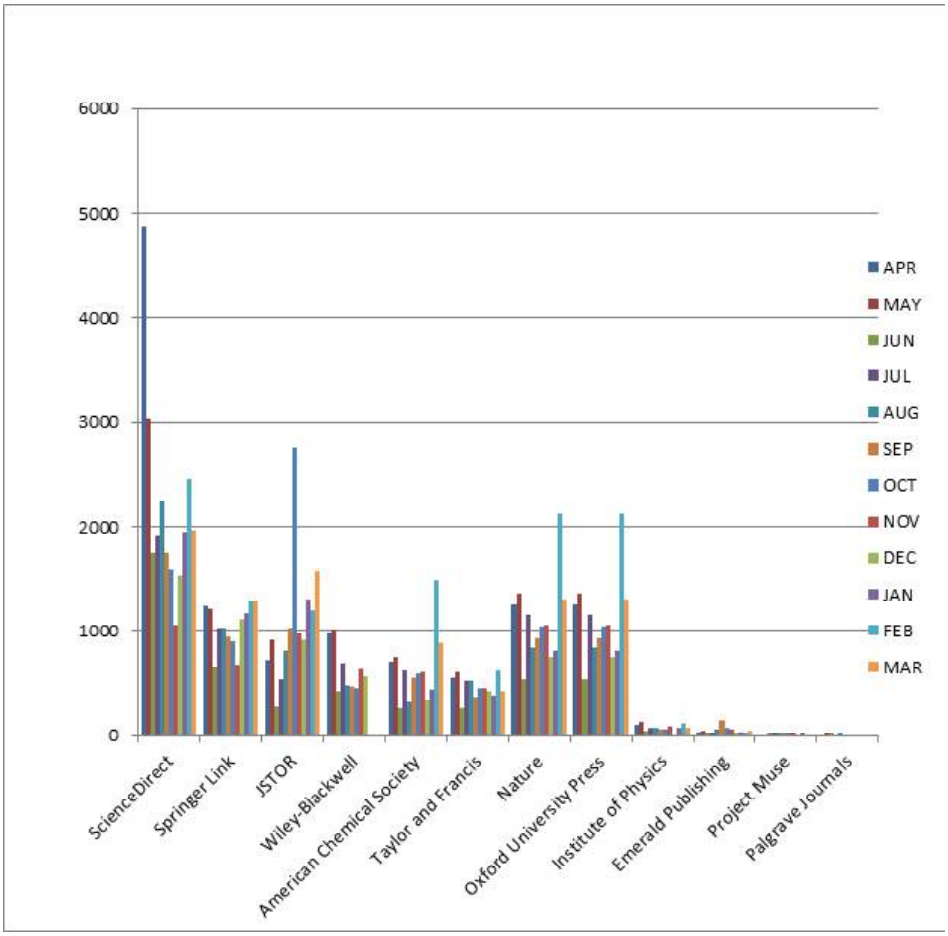


Figure 9: Usage of e-Resources

2.17 BBAU Institutional Repository: Institutional Repository of Babasaheb Bhimrao Ambedkar University (BBAU) has been developed on the basis of research publications of BBAU in the form of articles of journals&conference proceedings, thesis, dissertations, annual reports, etc. and 319 theses and dissertations were uploaded on the repository. Now users can access it from the web address http://14.139.228.232:8080/jspui.

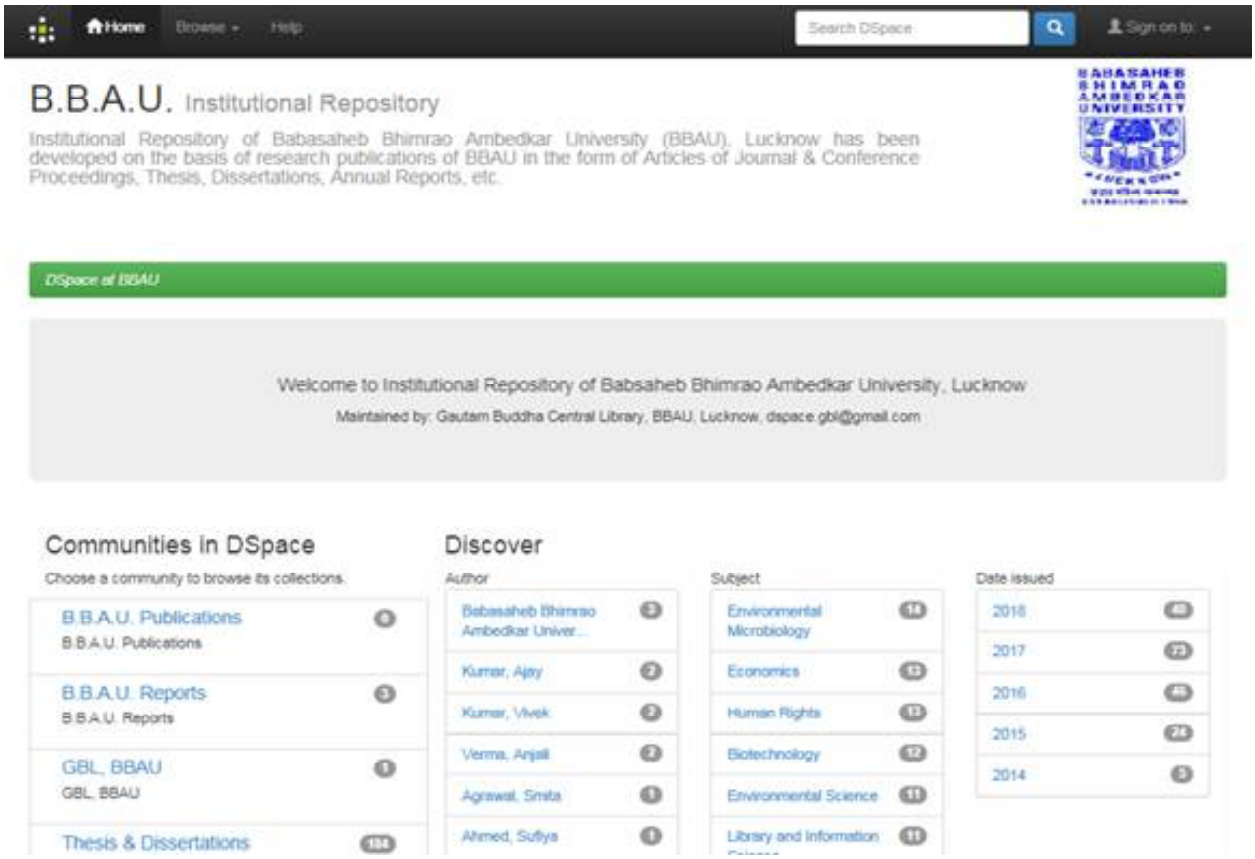


Figure10: BBAU Institutional Repository

3.0 Books and Journals

3.1 **Books:** The total collection of books available in the Library ismentioned in thetable-6.

Table 6: Books

S. No.	Items	Total
i.	Total Number of Books as on 31/03/2019	53229
ii.	Books Purchased during the year 2018-19	4978
iii.	वर्ष 2018-19 के दौरान खरीदी गयी हिन्दी पुस्तकों की संख्या	686

Journals: The details of databases, online journals and print magazines/periodicals are given below.

3.2.1 Online E-resources: The library provides access to 2 Bibliographic databases (table-7) and 7 Full-text databases (table-8) in various subjects like Science, Social Science, Arts &Humanities, Engineering, Law, etc. to the University fraternity through E-ShodhSindhu. During the period, the access of approximately following 6954full-text e-journals has been provided to the users.

Table 7: Bibliographic Database

S. No	Name of the Bibliographic Database
i.	Institute for Studies in Industrial Development (ISID) Database
ii.	JGate Plus (JCCC)

Table 8: Full-Text Online Databases

S. No.	E-resources	No of Full-Text Journals
i.	American Chemical Society	49
ii.	Economic & Political Weekly	1
iii.	JSTOR	3165
iv.	Oxford University Press	262
v.	Project Muse	676
vi.	Springer Link	1722
vii.	Taylor and Francis	1079
Total Full-Text Journals		**6954**

3.2.2 Print Journals, Magazines and Newspapers: The Library has received**28**journals through gift. The details of periodicalsare given the table-9.

Table 9: Print Magazines, Newspapersand Journals

S. No.	Items Currently Available (2018-19)	Language			Total
		Hindi	English	Urdu	
i.	Newspapers	12	9	2	**23**
ii.	Magazines	6	20	-	**26**
iii.	Print Journals	8	71	-	**79**
iv.	Print Journals (Gifted)	12	16	-	**28**
v.	Annual Reports & Survey	5	26	-	**31**
vi.	Faculty Publications	4	32	-	**36**

4.0 The Library at a Glance: The statistics at a glance of the Library for the year 2018-19 has been given in the following table 10..

Table 10: Library at Glance

S. No.	Items	Total
1.	Total Number of Books as on 31/03/2019	53229
2.	Books Purchased	4978
3.	वर्ष 2018-19 के दौरान खरीदी गयी हिन्दी पुस्तकों की संख्या	686
4.	Full-text online journals accessible	6954
5.	Print Journals Subscribed during the year	79
6.	Newspapers subscribed	23
7.	Magazines subscribed	26
8.	Number of days Library opened	284
9.	Seating capacity of users	300
10.	Number of Registered users	3111
11.	Books issued	16335
12.	Users consulted in the Library	92378
13.	Number of articles/documents downloaded from e-Resources	98374
14.	Documents uploaded in Urkund	1585
15.	Expenditure on Books (In Rs.)	8976528
16.	Expenditure on Journals (In Rs.)	385779

5.0 Library Staff

i. Dr. Sunil Goria, University Librarian – Overall administration, supervision and management of the University Library System.

ii. Mr. Om Prakash Saini, Assistant Librarian - In-charge of Periodical Section,Circulation Section, Photocopy Service, Braille Section and Maintenance of the Library.

iii. Mr. Nitesh Kumar Verma, Assistant Librarian -In-charge of Acquisition Section, Reference Section, Cyber Section, Library Websites, CCTV, Library Automation work and Maintenance of the Library.

iv. Mr. Amit Kumar Verma, Professional Assistant, All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders,reference service.

v. Mrs. Rina Kumari, Library Assistant - Assist in Acquisition and Technical Processing,

vi. Mrs. Avinash Kaur, Library Assistant - All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders,reference service.

vii. Mrs. Satvinder Kaur, Library Assistant - All job related to circulation Section i.e. registration of members, issue return of books, overdue reminders,reference service.

viii. Mr. Daya Shanka, Library Attendant – Replacement of books.

ix. Mr. Deewan Singh, MTS.

6.0 Publications

Publications of Dr. Sunil Goria

i. Goria, Sunil (2018) ***Empowering farmers' community through digital media for achieving Sustainable Development Goals (SDGs) in India***. Paper presented at: IFLA WLIC 2018 – Kuala Lumpur, Malaysia – Trx`ansform Libraries, Transform Societies in Session 166 - Agricultural Libraries SIG, 24-30 August 2018.

ii. Goria, Sunil (2019). Information Literacy Status and Information-seeking Behaviour of Postgraduate Students of SSJ Campus, Almora of Kumaun University, Uttarakhand. *Journal of Information Management,*6(1), 51-61.

Publications of Mr. O.P. Saini

Articles in Journals

i. Saini, Om Prakash. (2018). The Emergence of Institutional Repositories: A Conceptual Understanding of Key Issues through Review of Literature. *Library Philosophy and Practice (e-journal)*. 1774. ISSN: 1522-0222. https://digitalcommon s.unl.edu/libphilprac/1774.

ii. Saini, Om Prakash. (2018). Understanding the Role of Institutional Repository in Digital Preservation in Academic Libraries: A Review of Literature. *Library Philosophy and Practice (e-journal).* 1904. Available at http://digitalcommons.unl.edu/libphilprac/1904

iii. Saini, Om Prakash and Verma, Amit Kumar. (2018). Contribution by the Indian and Pakistani Authors to Library Philosophy and Practice: A Bibliometric Analysis 2008-2017. *Library Philosophy and Practice (e-journal).* 2067. Available at http://digitalcommons.unl.edu/libphilprac/2067

iv. Saini, O. P., and Gupta Divyanshu. (2018). User's Emotions and Information Seeking Behavior: A Case Study in Central Library Babasaheb Bhimrao Ambedkar University, Lucknow. *Pearl: A Journal of Library and Information Science,* 12(3), 277-285. DOI: 10.5958/0975-6922.2018.00033.5, ISSN: 0973-7081.

v. Saini, O. P. & Singh, M. P. (2018). Librarianship as a Career in India: A Study of Student Preferences. *Journal of Information Management, 5(2),* 62-70. DOI: 10.5958/2348-1773.2018.00010.3, ISSN: 2348-1765

vi. Saini, O. P. & Singh, M. P. (2018). Job Seeking Approaches of Aspirants for Librarianship in India. *Journal of Library & Information Science,* 43(2), 310-326.

vii. सैनी, ओमप्रकाश (2018), समाज में पुस्लकायलयों की भूमिकाः ज्ञान एवं सूचना की गारंटी, कहार जन विज्ञान की बहुभाषाई पत्रिकाए 5 (1.2), 33–36, आईएसएसएनः 2394–3912.

Books/books Chapters

i. Saini, O. P. and Bajpai, Manish Kumar. (2019). Librarian's Role in total quality personnel management of an academic library. In *Academic Libraries: Collection to connectivity*. Singh, V. K., Maurya, R. J. et.al. (Ed.). New Delhi: Shree Publishers, pp.387-394.

ii. Saini, O. P.& Singh, M. P. (2019). The Librarianship: A Study of Student choices and expectations for LIS career. In *Digital Age Strategies in Information Management* for sustainable Librarianship. Singh, K. P. et.al. (Ed.). New Delhi: Gupta

Electrostate, pp 358-366. ISBN: 978-81927409-7-3.

iii. Saini, O. P., and Gupta Divyanshu. (2019). Feasibility of Cloud Storage Applications for Libraries. In *Relevance of Ranganathan's Philosophy in the 21st Century*, Singh, M. P. and Sonkar, S. K. (Ed.). New Delhi: Book Line, 48-57pp. ISBN: 978-93-82524-82-3.

iv. Singh, M. P. &Saini, O. P. (2019). Use of Social Networking Channels by the Researchers in BBAU, Lucknow: A Study. In *Rejuvenating Libraries in Modern Society*. Singh, M. P. & Sonkar, S. K. (Ed.). New Delhi: Indu Book Service, pp. 7-14, ISBN: 978-9386754-51-6.

Publications of Mr. Nitesh Verma

National/International Conference

i. Verma, Nitesh Kumar and Akhandanand Shukla (2019). Usability Analysis of Indian Institutes of Management Libraries Websites: An Evaluative Study. Journal of Advancements in Library Sciences, 5(1): 23p.-32p.

ii. Verma, Nitesh Kumar and Akhandanand Shukla (2018). Usability Analysis of Central Universities Libraries Websites of North-East India: An Evaluative Study. Journal of Advanced Research in Library and Information Science, 4(4): 23p.–32p.

iii. Verma, NK (2018). Gopal Krishna Gokhale (9 May 1866- 19 February 1915): A Bibliography. In: Sobti, R.C., R.B. Ram, Kamal Jaiswal, Sudarshan Verma, Shilpi Verma and Sunil Goria, Eds. (2018). The Indian Global Thinkers: Ideas, thoughts and contributions. Army Printing Press: Lucknow. pp 147-150.

UNIVERSITY HEALTH CENTRE

The University Health Centre provides basic health services to all the students, administrative staff, Faculty members including dependants &non teaching staff of the University. Health services started in the University since 2005 and a Medical Officer(on contract) Dr. Rakesh Pradhan was hired to provide Healthcare 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 Dr. Vikas Srivastava & Dr. Ruchiwere appointed in 2014 to augment the Health Services.

Location

University Health Centre is located in the premises of VidyaVihar near gate no. 3.

Staff

University Health Centre comprises of

i. **Prof. ShubhiniA. Saraf**

Prof. I/C Health Centre

ii. **Dr. Vikas Srivastava** - Medical Officer

M.B.B.S (A.F.M.C., Pune), P.G.D.H.H.M.

iii. **Dr. Ruchi -** Medical Officer

M.B.B.S. (M.L.N.M.C., Allahabad), Masters in Public Health

iv. Mrs. Raji Joseph

Staff Nurse

BSc. Nursing (Kerala University)

v. Dr. Rakesh Pradhan -

Medical Consultant (On Contract)

M.B.B.S (K.G.M.U. Lucknow)

Aim- The basic goal of Health Centre 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.



Services

Following services are provided

i. O.P.D. Services - The doctors are always available as per their duty schedule. The needy patient may visit for consultation and treatment.

ii. Emergency Services-One qualified & experienced paramedical staff is always available to deal any emergency. An ambulance vehicle along with ambulance driver is 24X7 always available for early evacuation & safe transportation to the nearest Government hospital.

iii. Medicines -Medicines are distributed to all the patients free of cost. Only the basic medicines for various common diseases are available. For specialised medicines, patient may have to purchase the same from outside in consultation with the speacialist.

iv. Detention room- Health Centre also provide the facility of detaining the serious patients who requires monitoring for short duration.

v. Referral System- Patients who requires admission / specialized treatment are being referred to authorized higher centres/hospitals for further treatment &manangement.

vi. Ambulance - An ambulance along with driver is always present for transportation of needy patients as well as early evacuation of the referred patient.

vii. Health Bulletin- A new section for information on various new emerging diseases like swine flu etc has been incorporated on our official website.

viii. Organization of camps–Health centre is actively involved in organizing various blood donation camps(08 March 2018 & 14 April 2018.)

ix. Apart from routine O.P.D.& Emergency services, we also provide healthcare facilities to all the participants as well as guests during various sports events, seminars, symposium organized by our University.

x. Doctors are also involved in community services via taking classes on first aid, visiting nearby villages and spreading awareness campaign along with various departments& N.S.S. from time to time.

xi. We have a Qualified Psychological CounsellorMrs. Neha Anandwho also provide her services on every Wednesday in Student Counselling Centre in the premises of University Health Centre to the needy patients.

xii. A Yoga wellness centre has been established in the premises of University Health Centre and a qualified Yoga instructor performs & guide the needy patients/individuals to stay healthy & fit.

INFORMATION AND GUIDANCE BUREAU (I&GB)

The university Information and Guidance Bureau came into existence since Aug 2007. The main aim of the bureau is to guide students regarding their future careers and guide them to select the suitable profession of their interest. The bureau is to disseminate information for various courses & studies, syllabus etc for higher studies in India and Abroad. Further it is also to render vocational guidance to the students individually or in group and to collect and disseminate the occupational information, Training facilities, financial assistance available in India and abroad; information for competitive examination including counselling for job-aspirants etc. It helps students in many ways

Main Aims and Objectives of the Information & Guidance Bureau

1. 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.

2. Information about Competitive examinations

- To provide information on competitive examinations conducted by various Public Service Commission and other Governmental agencies

3. Information about Scholarships and higher education in foreign countries

- To give information on various courses of higher studies in India and abroad

4. Employment Guidance & Assistance

- To register post-graduate students and other University alumni for general as well as professional streams for employment assistance as and when suitable opportunities arise.

5. Employment and Business information

- To help the University Placement cell in organizing campus interviews

6. 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.

7. 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.

8. To give information and guidance to the University alumni.

9. **To assist in individual problems pertaining to education and Vocation under various Guidance programme.**

10. **To collect and disseminate occupational Information regarding occupations, Scholarship, fellowships and financial assistance available in India and abroad.**

11. **To render Vocational Guidance to students individual and in group by maintaining Information Guidance Room (Library) in the Bureau.**

12. **To assist students in the development of skills necessary for decision making, Problem solving, Team building, Career and Life Planning**

13. **Conducting Orientation of Newly Admitted Students on Yearly basis.**

Coordinator:

Prof (Dr.) Shilpi Verma

Deptt. of Library & Information Science

Some of the Activities for students by I & GB

1. Lot of current information is provided to the students through notice boards and counselling Sessions
2. Students are informed about qualifying the NET-JRF, minimum eligibility and how to fill the form.
3. Currently I. & G.B. is dispensing latest information on various notice boards installed at various locations at admin. Block regarding various examinations, higher education in India and abroad and scholarship etc.
4. Counselling of the individual students at I.G.B. Office.
5. Counselling regarding various schemes of Govt. of India for P.G. & Ph.D. students and educational loan procedure from various banks
6. Daily Newspaper and Employment News and several other relevant Magazines are also available at I.G.B. office
7. Various dental checks up camps have been organized by I.G.B. for students & faculty of BBAU.
8. Helping students to organize knowledge about themselves by identifying skills, interests and aptitudes.
9. Providing information about further course prerequisite, financial aid, academic planning, and entrance exams. Etc.
10. I.G.B. is providing information to the students related to their projects works and other related areas, if desired by the students.

Community Outreach Activities conducted by I & GB

1. Women , health and education Awareness Programe in village aurava on 12th March 2019
2. Swachatta Pakwada organised from 1st sep to 15th sep 2018. Poster competition also organised on the occasion.
3. Eradicate Corruption : Build a New India Under Vigilance awareness week 29th

sep to 3 oct. 2018

4. Vigilance awareness prog. in dadupur village on 3rd oct 2018
5. Gram Panchayat organised on 15 aug 2018 in Miranpur pinwat village.

Future Plans

Information is at the core of career guidance and education; indeed, it tends to prevail over other guidance function. From the point of view of the students, information should lead to improved knowledge about the self, about the job market, about education andtraining opportunities. So I. & G. B. Of the university is striving for these objectives. Various other guidance and Motivational talks will be organised in coming future.

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 50 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. Arun Suryavanshy and Major Krishna Dubey respectively. The Commanding officer of 67 UP BN is Col. S. P. Shukla. At present, total strength of enrolled cadets (Girls & Boys) is 100. All NCC activities, in the University campus are conducted under the supervision of Lt. Raj Shree, Assistant Professor, DIT and 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), 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 and other activities. In 2018-19 academic session, cadets attended Combined Annual Training Camp (CATC). one camp was held at BBAU Lucknow. During the camp cadets learnt about first aid, shooting, map reading, personal hygiene etc. NCC Cadets of the University Participated in 15 August, 2018 parade held at University Campus & gave Guard of Honour as a mark of respect to H'ble Vice-chancellor Prof. R.C. Sobti. On 26th January2019, all the cadets gave Guard of Honour as a mark of respect to H'ble Vice-chancellor Prof. N.M.P. Verma. International Yoga Day was jointly organized by NCC Department and sport section. University cadets also visited nearby village. Cadets gave information for cleanliness, health and hygiene to the villagers. They also educate and motivate the villagers to educate their children.

NATIONAL SERVICE SCHEME

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
"Pyaoo" Program	NSS	Two	52
World Environment Day	NSS	Two	71
Yoga Day	NSS	One	85
PMFS Training	NSS	One	50 Programme Officer from the Utter Pradesh State
Awareness About Digital India	NSS	One	52
Women Self Defense Programme	NSS	One	44
Swacchata Saptah	NSS	One	45
National Unity Day	NSS	One	68
Water Sefty Awareness	NSS	One	53
Health Camp	NSS	One	62
Eassy Competition	NSS	One	85
Plantation (1001) Plants	NSS	One	82

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
Youth Parliament Festival	NSS	One	500 NSS volunteer from the Utter Pradesh State
Voter Awareness	NSS	One	76
Vastra Vitran By Nss Volenteer	NSS	One	36
Awareness About E-Transaction	NSS	One	54

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodiesduring the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
-Nil-	-Nil-	-Nil-	-Nil-

3.6.3 Students participating in extension activities with Government Organisations, Non-GovernmentOrganisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating	Name of the activity	Number of teachers coordinated in such activities	Number of students participated in such activities
"Swacch Bharat"	NSS	Summer Internship	One	35
" Voter Awareness"	NSS	Awareness Programme	One	68
" Digital India"	NSS	Lecture on IT Awareness and Mobile App. fraud	One	75

OFFICE OF PROCTOR

1. Introduction

Babasaheb Bhimrao Ambedkar University (A Central University) established the **office of Proctor** under the **provision of university act 1994, No. 53 of 1994**, which came into force from **10.01.1996** and notified **February 1997**. The proctor is a statutory officer of the University and head of the Proctorial board. The major objectives of Proctorial board are enforcing discipline and controlling law and orders of student community. The Proctor office comprises Proctorial board, anti ragging committee, anti ragging squad and anti ragging cell as the major committee to control the different sphere of discipline. The office of proctor constituted three tier organizations i.e. Proctorial board with Dy. Proctor, Asst. proctors & members, while at second tier security officer and at third tier the outsourced ex-army men as security staff with supervisor guards and chowkidars. The University has two campus i.e. main campus at Lucknow and satellite campus at Amethi. The office of proctor has to ensure discipline for maintaining law and order and total security to both campus of University.

2. Committees & Sub-Committees Constitute by Board

Proctorial Board has three other active committees. The detail of committee is as below

PROCTORIAL BOARD

Sl. No.	Name of Member	Designation	Contact No./Email id
1	Prof. Ram Chandra	Proctor& Nodal0020Officer	9450652324 prof.chandrabbau@gmail.com
2	Prof. Sudarshan Verma	Dy. Proctor	9415470836 vermaslaw@yahoo.in
3	Prof. Kaman Singh	Dy. Proctor	9415409189 singh.kaman@bbau.ac.in
4	Prof. Govind Ji Pandey	Dy. Proctor	9580803904 govindbbau@gmail.com
5	Prof. Surinder Kumar	Asst. Proctor	9410334706 surinderntls@gmail.com
6	Prof. M.P. Singh	Asst. Proctor	9415951864 mpsinghdlis@gmail.com
7	Prof. Sanatan Nayak	Asst. Proctor	9956042761 sanatan5@yahoo.com
8	Prof. Shilpi Verma	Asst. Proctor	9450110690 shipoo.lko@gmail.com
9	Prof. Preeti Misra	Asst. Proctor	9415088971 misra9us@gmail.com
10	Dr. Anis Ahmad	Member	9453287957 anisbbau@gmail.com

Sl. No.	Name of Member	Designation	Contact No./Email id
11	Dr. Dhirendra Pandey	Member	9453170609 prof.dhiren@gmail.com
12	Dr. G. Sunil Babu	Member	9455036926 sunil_gos@yahoo.com
12	Dr. Narendra Kumar	Member	9918527968 narendrakumar_lko@yahoo.co.in
13	Dr. M.L. Meena	Member	9651893336 maheriari@rediffmail.com
14	Dr. Preety Choudhari	Member	7607680694 preetychoudhari2009@gmail.com
15	Dr. Pradeep Kumar	Member	9451778682 pradeepbbau@gmail.com
16	Dr. Manoj Kr. Dhandwal	Member	7080879999 dhadwal2005@gmail.com
17	Dr. P.S. Rajinikanth	Member	8939311260 psrajinikanth222@gmail.com
18	Dr. Taruna	Member	9415765841 drtaruna@gmail.com
19	Dr. Lata Bajpai Singh	Member	9899666257 drlatabajpai@gmail.com
20	Dr. Kunwar Surendra Bahadur	Member	8700443248 ksbuprtou@gmail.com
21	Dr. Preeti Gupta	Member	9956720055 preetig07@gmail.com
22	Dr. Khem Bhadur Thapa	Member	9450871807 khem.bhu@gmail.com
23	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

Sl. No.	Name of Member	Designation	Contact No./Email id
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

Sl. No.	Name of Member	Designation	Contact No./Email id
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

Sl. No.	Name of Member	Designation	Contact No./Email id
3.	Prof. Preeti Misra	Member	9415088971 misra9us@gmail.com
4.	Prof. Sanjay Kumar	Member	9453019255 sanjay123bhu@gmail.com
5.	Prof. Gopal Singh	Member	9412401693 drgsmasscom@gmail.com
6.	Prof. Sanatan Nayak	Member	9956042761 sanatan5@yahoo.com
7.	Prof. Surinder Kumar	Member	9410334706 surinderntls@gmail.com
8.	Prof. Shilpi Verma	Member	9450110690 shipoo.lko@gmail.com
9.	Dr. G. Sunil Babu	Member	9455036926 sunil_gos@yahoo.co.in
10.	Dr. Ramesh Chaturvedi	Member	9336703154 drrameshchaturvedi1@gmail.com
11.	Dr. Anjani Kumar Tiwari	Member	7503381343 anjanik2003@gmail.com
12.	Dr. Digvijay Verma	Member	9999609415 digvijay.udsc@gmail.com
13.	Dr. Sangita Chauhan	Member	9935266721 sangita.27@rediffmail.com
14.	Dr. Jyoti Pandey	Member	8004347520 reenucdri@gmail.com
15.	Dr. Raj Shree	Member	8562988463 Rajshree.bbau2009@gmail.com
16.	Dr. M.L. Meena	Member	9651893336 maheriari@rediffmail.com
17.	Dr. Kunwar Surendra Bahadur	Member	8700443248 ksbuprtou@gmail.com
18.	Dr. Lata Bajpai Singh	Member	9899666257 drlatabajpai@gmail.com
19.	Dr. Ravi Shankar Verma	Member & Convener	9453966994 ravihort_01@gmail.com ravihort.009@gmail.com

I. Proctorial Board has Seven Sub-Committee

II. Anti-Ragging Cell and Anti-Ragging Squad has seven Sub-Committee for 24X 7

III. Three Sub-Committee has constitute for Girls & Boys Hostel

3. Faculty Profile

Name	**:**	**Prof. Ram Chandra**
Designation	:	Chief Proctor
Qualification	:	M.Sc., Ph.D.
Teaching & Research Experience	:	28 Yrs Research Paper 140, Book 04, Conference Paper 70, Projects 22, Articles 35
Research Interest	:	Environmental Microbiology (Bioremediation & Metagenomics, (Biodegration & their Environmental Effect of Distillery and pulp paper Mill Effluent) Env. Biotechnology
Research Publications	:	150
Books	:	07
Chapters in Book	:	35
Ph.D. Students guided	:	16
Contact	:	+91-9450652324

4. Staff Profile

Sl. No.	**Name**	**Designation**	**Qualification**
1.	Mr. Sarju Singh	L.A.	Post-Graduation
2.	Mr. Ram Mahesh	M.T.S. (Daily Wages)	Graduation

RESIDENTIAL COACHING ACADEMY (RCA)

Residential Coaching Academy (RCA) has been sponsored by the University Grants Commission, New Delhi to nourish the requirement of the aspirants for various competitive exams. RCA is established with a motto of nurturing the aspirants of various competitive exams belonging to Women and socially marginalized classes *viz.*, SC, ST's and Minorities with residential facilities during their coaching period. The competitive exams include Union Public Service Commission, State Public Civil Services Commission, Uttar Pradesh Public Service Commission (Judiciary), Railway Recruitment Board, Staff Selection Commission and other similar exams.

University Grants Commission sanctioned only 5 Residential Coaching Academy (RCA) in country in the year 2009, Babasaheb Bhimrao Ambedkar University, Lucknow is one among them. BBAU is the first among all five Universities to complete construction of building for Residential Coaching Academy (RCA) and same was dedicated to the students and the civil services aspirants. RCA, BBAU is fulfilling the needs of the Coaching centers with National level standard infrastructure and teaching and non-teaching staff.

The RCA is having exclusive infrastructure in BBAU campus separate building with state of the art facilities for competitive exams includes audio-visual class rooms, seminar hall, and computer lab with Wi-Fi facility. It also includes exclusive library with books for competitive exams, magazines, News Papers and study material etc. RCA is having a separate boy's hostel. It is also having a separate hostel for boys of 100 candidate's capacity. The hostel building for girls is yet to be sanctioned by UGC. Till then girls is accommodating at the University Girl's Hostel. The coaching classes are conducted by highly qualified professionals in the field of competitive exams.

Courses Offered

Residential Coaching Academy provides Coaching Classes for following Competitive Exams

i. Union Public Service Commission (Prelims and Mains)

ii. Uttar Pradesh Public Service Commission (Prelims and Mains)

iii. Uttar Pradesh Public Service Commission (Judiciary)

iv. Staff Selection Commission

v. Banking Recruitment Board

vi. Staff Selection Commission etc.

5. Faculty Profile

Name	**:**	**Prof. Ram chandra**
Designation	:	Director (In-charge) Residential Coaching Academy
Qualification	:	Ph.D.

Teaching & Research Experience	:	28 Yrs Research Paper 140, Book 04, Conference Paper 70, Projects 22, Articles 35
Research Interest	:	Environmental Microbiology (Bioremediation & Metagenomics, (Biodegration& their Environmental Effect of Distillery and pulp paper Mill Effluent) Env. Biotechnology
Research Publications	:	108
Books	:	04
Chapters in Book	:	22
Ph.D. Students guided	:	14
Contact	:	+91-9450652324

Name	**:**	**Dr. YUVANA SATYA PRIYA**
Designation	:	Assistant Professor
Qualification	:	Ph. D. (Biology)
Research Publications	:	• Research papers 17 • Book01 • Chapter in a book02 • Proceedings01

Name	**:**	**Mr. Rohit Dhanuk**
Designation	:	LDC
Qualification	:	MBA

Name	**:**	**Dr. A. Mahadeva**
Designation	:	Assistant Professor
Qualification	:	M.Sc. (Seric.), M.Sc. (Biotech.), Ph.D.
Research Interest	:	Plant Molecular Biology
Publication		Research papers19Book 01 Chapter in a book 01 NCBI database (SSR Markers) 43

Staff Profile

Current Staff for Contractual basis to maintain the Assts and records.

- One Office Assistant (Female)
- One Attendant (Male)

6. Special Lecture by Subject Expert

To complete the CSAT examination Syllabus, RCA arranged the special lecture to provide the best knowledge to students in the concerned following subject by different experts

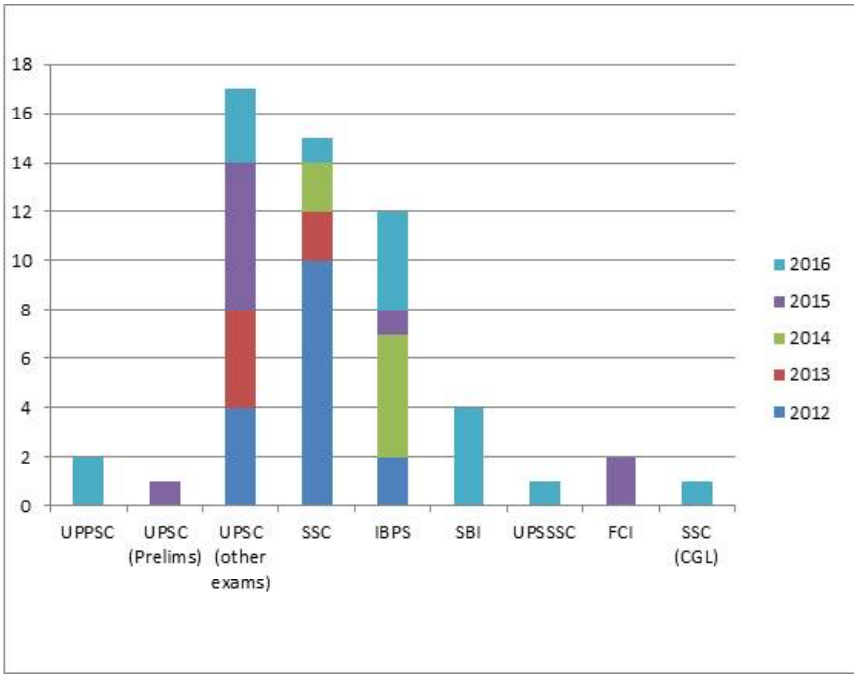
Student achievement

The list of the successful candidates in various exams as follows

Sl. No.	Exam Name	Year	No. of Qualified students
1.	Uttar Pradesh Public Service Commission (Civil Service)	2016	02
2.	Union Public Service Commission (Prelims)	2015-16	01
3.	Uttar Pradesh Public Service Commission (other exams)	2012	04
		2013	04
		2015	06
		2016	03
4.	Staff Selection Commission (SSC)	2012	10
		2013	02
		2014	02
		2016	01
5.	Institute of Banking Personnel Selection (IBPS)	2012	02
		2014	05
		2015	01
6.	State Bank of India (Prelim)	2016	04
7.	Uttar Pradesh Sub-ordinate Service Selection Commission (UPSSC)	2016	01
8.	Food Corporation of India (FCI)	2015	02
9.	Staff Selection Commission (CGL)	2016	01

6. Infrastructure Developed

- Stone laying ceremony was held on 26.10.2010 for the construction of RCA administrative cum academic building. It wasinaugurated on 26th May 2012 and started functioning.
- RCA Classrooms are equipped with proper furniture's.Converting the classrooms into smart class rooms is under process.
- Library is functioning with furnished and Air-condition facility. 2569 books exclusively with competitive exams related books, 18 magazines (Hindi and English) are subscribed and procuring 5National dailies.
- Computer lab established with 19 desktop with Wi-Fi facility.
- Audio-visual aids like LED projector, laptop, were procured for the utilization of classes.
- Stone laying ceremony was held on26.10.2010 for the construction of RCA Boys' Hostel. The inauguration of RCA Boys' Hostel was held on14th April 2012.
- There are 52 rooms are constructed with 2 boys sharing basis in each room. The RCA Boys Hostel is also having a common dining hall and recreation hall.
- The RCA Boys Hostel rooms are furnished with 2 sets of cot, bed, table and chair in each room.
- Hostel Recreation hall is establishedwith modern Gym equipments and LED TV with DTH connection.
- Hostel mess is functioning with co-operative mess facility and it also good furnished and maintaining a hygienicity.
- Fire extinguisher is installed in both RCA administrative cum class room building and Boys hostel.
- Security guards are deputed around the clock in both RCA administrative cum class room building and Boys hostel.
- Beautificationis done in the RCA premises by hiring a one Gardener.
- One plumber and one electrician are outsourced for looking after the water and electricity related issues in both buildings.



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 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 07/12/2016

ONE PAGE STATISTICAL DATA TOTAL ENROLLMENT DURING 2017-18

Student Enrolment (as on dated 31.03.2018)								
Total Enrolment of Students in University Departments	**Under Graduate**	**Post Graduate**	**5 Year Integrated course**	**M. Phil**	**M.Tech**	**Ph.D.**	**Certi-ficate/ Diploma**	**Total**
Number of General Students	539	718	95	30	10	170	11	**1573**
Number of SC Students	815	647	69	43	7	233	4	**1818**
Number of ST Students	24	30	7	7	0	39	3	**110**
Number of OBC Students	268	356	27	12	0	50	7	**720**
Number of PH Students	8	3	0	1	0	4	0	**16**
Number of Transgender Students	0	0	0	0	0	0	0	**0**
Total Strength	**1654**	**1754**	**198**	**93**	**17**	**496**	**25**	**4237**

DETAIL OF HOSTELLER STUDENTS (AS ON 31.03.2018)

S. No.	Dept.	Intake Capacity	Vacant Room	Gen	SC	ST	OBC	PH	Total
1	Kanishka Boys Hostel	132	0	67	46	14	0	5	132
2	Ashoka Boys Hostel	134	6	53	47	7	15	6	128
3	Ashoka Boys Ext. Hostel	132	0	48	64	7	11	2	132
4	Sidhartha Boy's Hostel	100	11	12	59	7	8	3	89
5	Yashodhara Girls Hostel	162	5	90	52	4	10	1	157
6	Chitralekha Girls Hostel	160	43	56	37	7	17	0	117
7	Sanghmitra Girls Hostel	206	21	96	65	5	18	1	185
8	Sanghmitra Ext. Girls Hostel	100	8	19	67	1	5	0	92
Total		**1126**	**94**	**441**	**437**	**52**	**84**	**18**	**1032**

STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT ONLINE APPLICATIONS FORWARDED DURING 2017-18 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

	Total	General	SC	ST	OBC	Minority	Grand Total
Total Application forms available on Scholarship website	2735	757	1232	30	581	135	2735
Hard Copy received by the University	1511	417	693	15	306	80	1511
Total applications verified by the University	1507	417	689	15	306	80	1507
Rejected Forms	4	0	4	0	0	0	4
Total applications Forwarded by the University to DIOS	1520	417	689	15	306	80	1507

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

FOLLOWUP OF PROPOSALS SUBMITTED TO MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT, NEW DELHI AND UNIVERSITY GRANTS COMMISSION, NEW DELHI

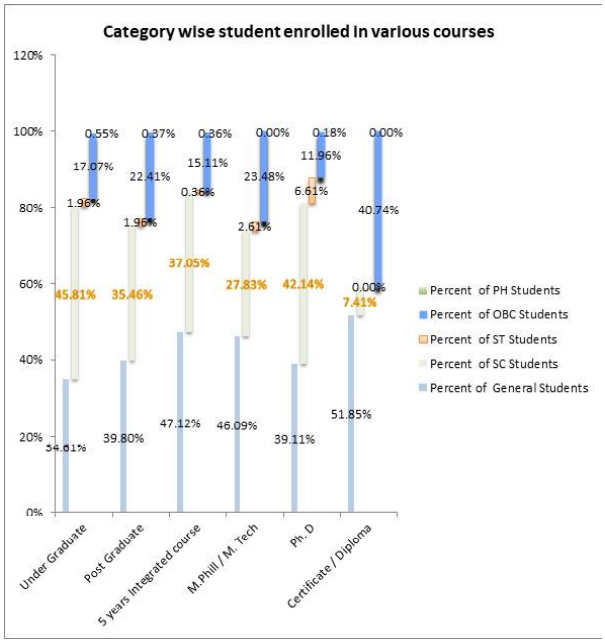
To Ministry of Social Justice and Empowerment, New Delhi

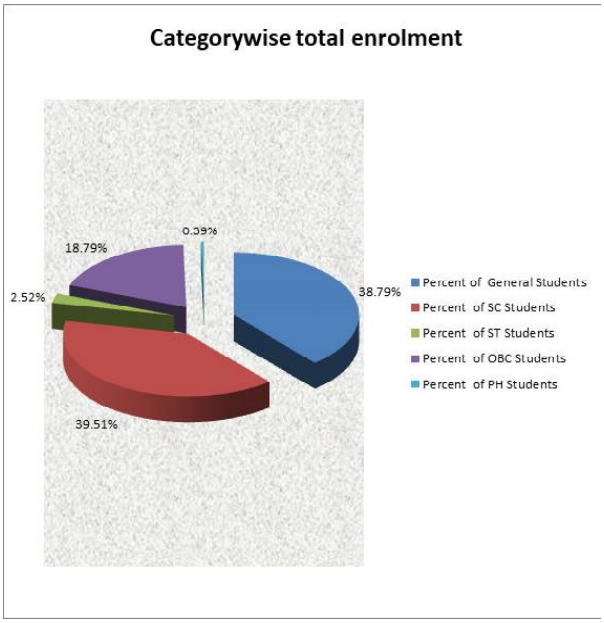
- One Boys Hostel with a capacity of 500 students
- One Girls Hostel with a capacity of 500 students
- Monetary aid of Rs. 40,000/- for attending International Seminar and Rs. 5,000/- for National Seminar on one time basis for SC/ST students.
- Reimbursement of Mess bill @ Rs. 2,500/- monthly for the SC/ST students on Below Poverty Line (BPL)
- Establishment of separate book bank for SC/ST students for which the proposal for allocation of money to the tune of Rs. 1,00,000/- for each year.

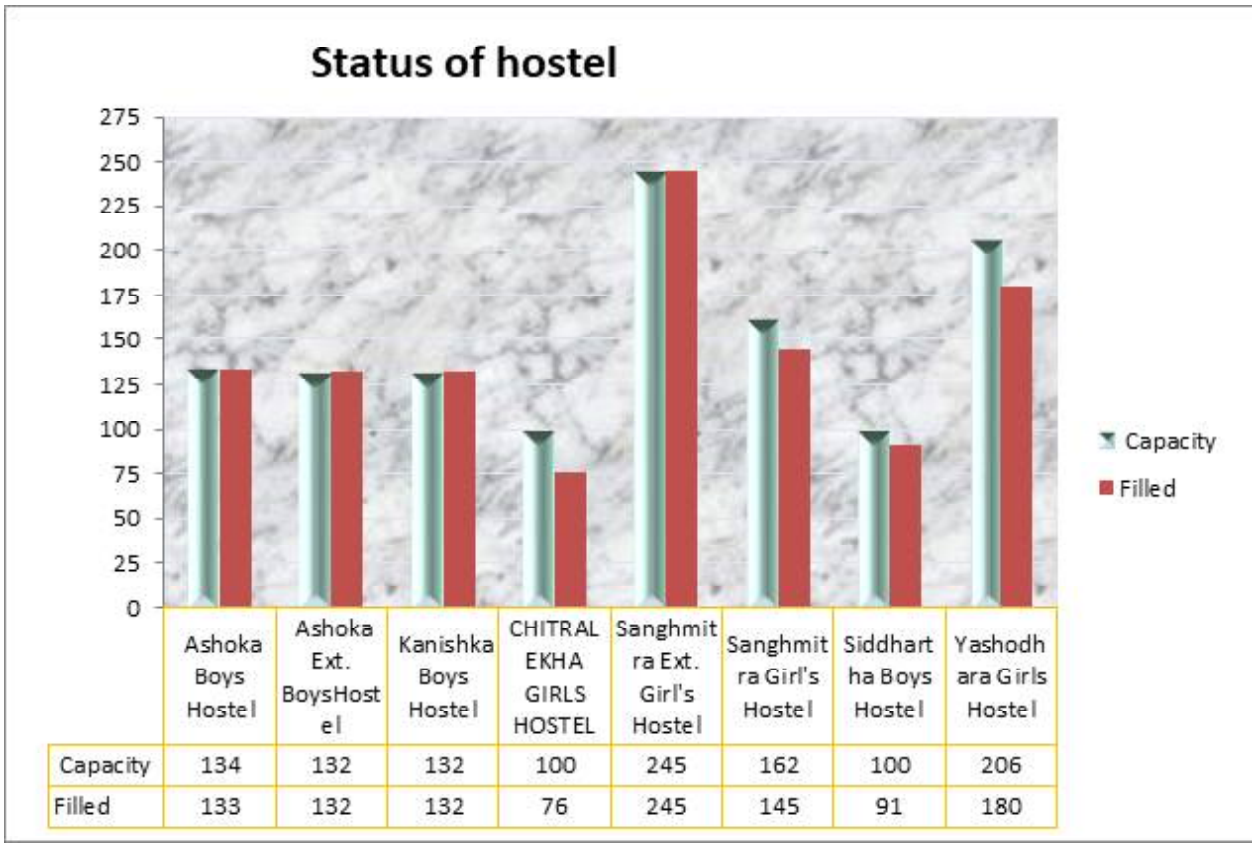
To University Grants Commission, New Delhi

- Equal Opportunity Cell.
- Remedial Coaching for SC/ST/OBC (non-creamy layer) and minority community students.
- Coaching for NET for SC/ST/OBC (non-creamy layer) and minority community students.
- Coaching Classes for entry into services for SC/ST/OBC (non-creamy layer) and minority students.
- Scheme for person with disabilities.

Stastistical Data







	Ashoka Boys Hostel	Ashoka Ext. BoysHostel	Kanishka Boys Hostel	CHITRALEKHA GIRLS HOSTEL	Sanghmitra Ext. Girl's Hostel	Sanghmitra Girl's Hostel	Siddhartha Boys Hostel	Yashodhara Girls Hostel
Capacity	134	132	132	100	245	162	100	206
Filled	133	132	132	76	245	145	91	180

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:

1. To promote students' sports participation and to create awareness about the benefits of Physical Education & Sports and to spread Sports Culture among students.
2. To search Sports Talent at the School/ Departmental level and to groom them as better performers.
3. To Project the Potentials of University by organizing National Level Tournaments.
4. To provide Incentives and bestow Awards to Sportspersons to maintain sustained interest among students to participate and perform progressively.
5. To involve Alumni, N.R.I's & other Sports Agencies for raising funds for the Development of Sports Infrastructure.
6. To initiate measures to evolve Group/ Individual Accident Insurance Scheme for Sportspersons taking part in the Inter-University Competitions.
7. To Develop Adequate and Standard Sports Infrastructure Facilities like Playing Fields, Gymnasium, Swimming Pool, Track & Field, and procure Quality Equipment.
8. To provide Systematic Coaching Programme by involving Qualified & Competent Personnel to groom University Teams & Sports Talent.

Faculty (including guest /contract/ inspired):

(01) Dr. Manoj Kumar Dhadwal

Available facilities in the department

i. 02 Volleyball Court,

ii. 01 Basketball,

iii. 01 Football Ground,

iv. 02 Lawn Tennis Court,

v. 01 Badminton Court,

vi. 02 Kabaddi Court,

vii. 01 Kho-Kho Court,

viii. Gymnasium, Improvise Cricket

ix. Track and Field,

x. 02 Table Tennis,

xi. Carom

xii. Chess Boards.

Latest syllabus revision date(course wise)

Presented New Curriculum for BPEd programme

Conferences /workshops/other events organized in the department in the last three years.

01 Workshop and 01 Conference

Achievements of the faculties (faculty wise) in the last three years (publicationreprints with impact factor, awards, recognitions, inspired fellowship, patents, conferences/ workshops attended etc.). :

01 Book, 03 conference

Events conducted for the Academic year 2018-19

1. To Mark the 127th Birth Anniversary of Babasaheb Bhimrao Ambedkar Sports Section Organized "Run for Unity" on 14th April 2018, at 5.30 a.m, more than 500 students, faculty and staff members participated.

2. International Day of Yoga-2018

Sports Section of the BBAU organised various under mentioned Yoga events for campaign, promoting and teaching Yoga from 1st May to 21st June 2018, at BBAU.

S.No.	Name of Program	Date	Venue
1.	10 days Yoga workshop (General).	1st May to 10th May 2018	Auditorium Room No.04 from 6.00 am to 7.00 a.m
2.	Quiz Competition	22 May 2018	SAS, Conference Hall
3.	Lecture on Yoga for holistic health and healthy Living	9th June and 10th June 2018	Auditorium Room No.04 from 7.00 am to 8.00 a.m
4.	15 days Yoga workshop as per IDY protocol.	7th June to 21th June 2018	Auditorium Room No.04 from 6.00 am to 7.00 am
5.	Yoga Demonstration Competition	13th June 2018	Auditorium Room No.04 from 7.00 am to 8.00 am
6.	Surya Namaskar Yogathon -2018	19th June 2018	Auditorium Room No.04 from 7.00 am to 8.00 am
7.	National Conference on **"Yoga for Body and Beyond"**	21st June 2018	University Auditorium

3. **Celebration of National Sports Day on 29th August 2018**

Sports Section conducted a Table Tennis (Men and Woman) Championship for Teaching and Non-teaching staff members of the BBAU on 29th Aug.2018, 3.30 p.m. at BBAU Gymnasium at basement of the Central Library.

4. Conducted various Sports Events-2018/ 19 (Boys and Girls) from 25th Oct. to 05th Nov 2018 at University Play Ground/ Gymnasiumn. Morethan 1200 students participated in these events.

Following events were conducted

S.N.	Name of the Event	Level of Participation
1	Football	Inter School Boys & Girls
2	Volleyball	Inter School Boys & Girls
3	Badminton	Boys and Girls Singles and Double
4	Kabaddi	Inter School Boys & Girls
5	Kho-Kho	Inter School Boys & Girls
6.	Table Tennis	Boys and Girls Singles and Double

5. Participated at Inter University Kho-Kho Boys at RML University Faizabad **22nd to 26th Nov.2018**

6. Participated at Inter University Kho-Kho (Girls) at RML University Faizabad **29th to 30th Nov.2018**

7. Participated at Inter University Volleyball (Boys) at CJM University, Kanpur from **10th to 14th Dec. 2018**

8. Organized a poster competition under the banner of **"Ek Bharat Shrestha Bharat" on 03rd Dec. 2018.**

9. Conducted various Sports Events-2018/ 19 (Boys and Girls) from 05th March to 15th March 2019 at University Play Ground/ Gymnasiumn. Morethan 1500 students participated in these events.

Following events were conducted

S.N.	Name of the Event	Level of Participation
1	Cricket	Inter School Boys & Girls
2	Basketball	Boys and Girls Singles and Double
3	Athletic	Inter School Boys & Girls (100 mt ,200 mt, 400 mt, 800mt, 1500 mt, and long jump, Shot Put and Discus Throw and relay events)
4	Chess	Inter School Boys & Girls
5	Power Lifting	Open or Boys

10. To Mark the 128th Anniversary of Babasaheb Bhimrao Ambedkar Sports Section Organized "Run for Unity" on 14th April 2019, around 500 students, faculty and staff members participated.

11. Organised 03 days workshop on "Development of talent and stress management" ("प्रतिभा का विकास और तनाव प्रबंधन) and "Causes of modern diseases and their preventive measures"(आधुनिक रोगों के कारण और निवारण) from 25th April to 27th April 2019, by Vaidya Rajesh Kapoor.

12. For celebrating **"International Day of Yoga 2019"** Sports Section is organizing following events

S.No.	Name of Program	Date	Venue
1.	03 Days Yoga workshop and special Lecture's on a. **Capacity enhancement through Yoga** b. **Hand Mudras in Yoga.** c. **Harnessing the power of Pranayama and Meditation for quality life**	28th May 2019 29th May 2019 30th May 2019	Auditorium Room No.04 from 6.00 am to 8.00 am
2.	10 days Yoga workshop as per IDY protocol.	11th June to 21th June 2019	Auditorium Room No.04 from 6.00 am to 7.00 am
3.	Special Lecture on **"Memory Enhancement through Yoga, Pranayama"**	11th June to13th June 2019	Auditorium Room No.04 from 7.00 am to 8.00 a.m
4.	Yoga Demonstration Competition	17th June 2019	Auditorium Room No.04 from 7.00 am to 8.00 am
5.	Surya Namaskar Yogathon -2019	18th June 2019	Auditorium Room No.04 from 7.00 am to 8.00 am
6.	IDY-2019 Mass celebration	21st June 2019	SES ground. 6

UNIVERSITY SOPHISTICATED INSTRUMENTATION CENTRE (USIC)

The B. B. A. University established Sophisticated Instrumentation Centre which is housed in the ground floor of the School for Environmental Science building. Four precision equipments, viz., **Fourier Transform Infra-Red Spectrometer (FTIR)** of Thermo-Scientific (Nicole 6700); **Fast Performance Liquid Chromatograph (FPLC)** of GE-Healthcare Bio-Science (AKTA 10); **Scanning Electron Microscope of JEOL (JSM 6490 LV) and Photoresist Spinner**

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.

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.

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 beuse 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,



Figure 1. Fourier Transform Infra-Red Spectrometer (FTIR)



Figure 2. Fast Performance Liquid Chromatograph (FPLC)



Figure 3. Scanning Electron Microscope of JEOL (JSM 6490 LV)

before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (INCAx-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.

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	No. of Samples Analyzed (till March 2019)
1.	Scanning Electron Microscope	5611
2.	Fourier Transform Infrared Spectroscopy (FTIR)	4314
3.	Fast Performance Liquid Chromatography (FPLC)	50
4.	Research Microscope	3848
5.	Spin Coater	29

Profile:

The USIC at BBAU has a Director/In-charge and one Assistant Director, an Advisory Committee consisting of 05 Professors of the science departments.

Minor Equipment available in USIC

1. High Speed Centrifuge Machine (CM12-Plus Remi)
2. Photoresist Spinner
3. Vortex Mixer (CM101-Plus Remi)
4. Double Distillation Unit
5. Hot Air Oven
6. Deep Freezer (-40°C)
7. Electrophoresis
8. UV Lamp
9. Ultrasonic cleaner
10. Microwave oven
11. Magnetic Stirrer with Hot Plate
12. Refrigerator

Hands-on-Training/Workshop

University Sophisticated Instrumentation Center (USIC) is regularly organizing the Hands-on-Training/Workshop programme on instrumentation for students and faculty members of BBAU and other University/Institution. The details are given below

S. No.	Name of Training/Workshop	Period	Total no. of Participants
01	Summer TraSIC Training School on Instrumentation and Characterization	May 25th -26th 2018	26
02	Winter TraSIC Training School on Instrumentation and Characterization	Jan 30th -31st 2019	50

UNIVERSITY PLACEMENT CELL

S.No.	Name of the Company	Number of Students Participated	Date of Interview	Students Placed	Department
1	Future Genarali (P). Ltd.	38	15.05.2017	4	MBA
2	U Turn Solutions	35	01.06.2017	10	MBA
	2016-2017	**73**	**Total**	**14**	
3	Wellsun Farmer Fertilizer (p). Ltd.	30	04.09.2017	4	MBA
4	Wellsun Farmer Fertilizer (p). Ltd.	36	16.10.2017	6	MBA
5	Wipro Ltd.		09.11.2017	1	B. Tech
6	Aegis	50	15.01.2018	32	MBA
7	M/s Leads Insurance	32	17.01.2018	17	MBA
8	PDR Foundation	107	30.01.2018	63	B. Tech, MBA, HD&FS, DAS, SOE, Political Science, DIT
9	PDR Foundation	63	12.02.2018	35	B. Tech, MBA, HD&FS, DAS, SOE, Political Science, DIT
10	IndiHire Consultants	56	17.03.2018	8	MBA, B. Tech
11	IndiHire Consultants	47	26.03.2018	3	MBA, B. Tech
12	PIE Infocomm Pvt. Ltd.	21	27.06.2018	3	MBA, B. Tech
	2017-2018	**442**	**Total**	**172**	
13	Digital Media Works	43	29.10.2018	8	MBA
14	JARO Institute of Technology, Management and Research Pvt. Ltd.	50	18.01.2019	2	B. Tech
15	IndiHire CONSULTANTS, New Delhi	33	23.02.2019	5	MBA
16	Glee Garments Marketing Pvt. Ltd.	48	15.03.2019	14	MBA
	2018-2019	**174**	**Total**	**29**	

S.No.	Name of the Company	Number of Students Participated	Date of Interview	Students Placed	Department
17	Azim Premji Foundation	75	16.10.2019	14	Chemistry, Zoology, Botany, English, Geography, Hindi, History, Mathematics, MBA(HR), Political Science, Physics, B. Tech / M. Tech.
18	JARO Institute of Technology, Management and Research Pvt. Ltd.	70	17.10.2019	Result Awaited	MCA, M.Tech, BE, B. Tech, BCA, B.Sc, B.Com, BBA, BA, M.Com & MBA.
	2019-2020	**145**		**14**	
Total No. of Placement		**834**	**Grand Total**	**229**	

GARDENING & BEAUTIFICATION SECTION (GBS)

The Gardening & Beautification Section (G.B.S.) is involved in bio- aesthetic planning of the campus by planting of ornamental trees, shrubs, climbers and avenue trees and maintenance of the campus and creating of ecological balance, reducing global warming and increasing the green and pleasant environment for the teaching and research. It was established in the year 2010 with infrastructural support from University.

A. Profile

The Gardening & Beautification Section (GBS) of University has a Professor In-charge and Horticulture Inspector.

- Professor-Incharge: - Prof. Deepa H Dwivedi
- Horticulture Inspector:- Dr. S. K. Dixit
- Office Assistant/D.E.O:- 01
- Driver:- 01
- Head Mali/Field Supervisor:- 02
- Workman:- 20
- Equipment / Items

The section has good infrastructure consisting of followings items:

1. Tractor 02
2. Trolley 01
3. Tanker 01
4. Harrow 01
5. Cultivator 01
6. Leveller 01
7. Electric lawn mower 08
8. Brush Cutter 05
9. Tractor Mowing grass cutter 01
10. Rotavator 01
11. Disc Plough 01
12. Auger 01

B. Activities and Achievement

1. Section conducted Plantation Pakhwara in University campus to protect Environment and environmental sustainability of the campus in the era of climate change.
2. Development of Bodhi Park in the University campus.
3. Development of Lawn infront of SBBT administrative building.
4. Section conducted mass plantation in University.
5. Cleaning programm organized by the Section during Swachch Bharat Abhiyan. Section started a campaign to clean the campus by the pooling of all malis for one hour.
6. Development of Lawn in Botanical Garden.
7. Development of Palm Garden near V.C. residence.
8. Maintained the Lawn infront of Central Library building.
9. Maintained Bougainvillea Garden in the University campus near Administrative Building.
10. Maintained the Desi rose garden in front of V. C. Office.
11. Maintained a small nursery for filling the basic plants requirement of University Campus.
12. Avenue plantation done on various roads and sub roads.

13. Plantation and maintenance of Botanical Garden.
14. Maintained lawns at various places like old gate, guest house, V.C. Residence, in front of V.C. Office and Building of SES. SAS, SBBT, Central Library. Rose Garden, Auditorium, Ashoka, Kanishka, Siddhartha Boys Hostel, Sanghmitra I & II Girls Hostel, Health centre, Infront of Canteen, UIET building, etc.
15. Maintenance of Park back side of Environmental Science.
16. Developed many seasonal flowers nursery to beautify University Campus though various seasonal flowers.
17. Section planted many plants during massive planting campaign in the campus to keep the University green and eco-friendly. During the plantation programm 2000 plants are various varieties in the Year 2017-18.
18. Development of Hybrid Rose garden near the V.C. office.
19. Development of Lawn in the SBBT phase I, II and III.

C. Future Plan

1. To Develop Vermicompost Unit in Nursery.
2. To Develop Mangal Vatika infront of SBBST administrative Building.
3. To facilitate for permanent irrigation system in various gardens of the University.
4. To develop Panch Tatva Jogging path in Bodhi Park.
5. To develop Cactus garden in the University campus.
6. Installation of Sprinkler irrigation system in various gardens of the University i.e. V.C. office, back side of Environmental building, main arterial road and Rose garden etc.
7. To production of Organic manure in the University Campus.
8. Collaboration with various Aurvedic farms to utilize available flora in the University campus for the increasing the earning of the University.
9. To develop an herbal garden which may be helpful in imparting Aurvedic (Indigenous medicine) knowledge amongst students.
10. To develop in Green belt in the University campus for study in pleasant and healthy environment.
11. To develop water ponds in the University Campus for the recharging of ground water and increasing the ground water level.
12. To develop the lawns / garden in newly constructed school buildings.
13. To open a sale counter for the selling of various product/plants produce in the section.
14. To open a Shram Dan Sthal for participation of various volunteers for green and clean campus through Shram Dan program.
15. To develop Sewage treatment plan for utilization of Sewage water for the irrigation of various garden and plants in the campus.
16. To start an organic production of fruit and vegetables for various mess in the hostels to provide chemical free fruits to the student for their better health.

MEDIA CENTER

- Recorded MOOCs programme for EMMRC Hyderabad.
- Recorded MOOCs programme for EMMRC Gaya (Bihar).
- Recorded tutorial programme for University.
- Produced a promotional video on University during admission session (2018-19).
- Produced a programme on YOGA DAY.
- Produced a documentary for University on the convocation.
- Post Production work on E-Content (77 Modules).
- Graphic Designing and content correction on the E-Content (77 Modules), CEC Project, New Delhi.
- Media Coverage of Seminars and other Events/ Activities at BBAU.
- Photoshoot for a Documentary on Species of Birds at BBAU Campus, Lucknow.
- Photoshoot for a Documentary on Biodiversity at BBAU Campus, Lucknow.
- Produced Musical Video for BBAU Kulgeet (University Anthem).
- Produced a video spot on Swachch Bharat Mission-"Swachhata- Zimmedari sabki, Bhagidari sabki" in association with the Students of DMCJ.
- Produced a Video Spot on No Smoking in association with the Students of DMCJ.
- Organised a brief workshop for the students of DMCJ on the Technical Aspects involved in Television Production and Photography.
- Media Coverage of Seminars and other Events/ Activities at BBAU.

FINANCIAL STATEMENT

ABSTRACT OF THE FINANCIAL STAEMENT					
1st APRIL 2018 TO 31 st MARCH 2019					
		2018--2019		2017-2018	
S No.	Particulars	Amount	Amount	Amount	Amount
1	Total Receipts side of Receipts & Payment Account		1,23,19,63,671.76		1,52,30,69,584.06
	a) Grants Received During the year	73,15,28,446.00		63,08,92,417.00	
	b) Earmarked Fund				
	c) Interest received	1,90,76,228.00		1,73,70,126.00	
	d) EMF Receipts	4,28,66,471.00		7,77,35,802.00	
	e) Other income	6,57,20,553.00		14,29,31,497.50	
	f) Any Other receipts	53,36,037.00		1,90,58,222.28	
	g) Opening Balance in Cash & at Bank	36,74,35,936.76		63,50,81,519.28	
2	Total Payment side of Receipts & Payment Account		1,23,19,63,671.76		1,52,30,69,584.06
	a) Expenses of Non Plan Account	33,56,94,580.88		34,18,61,094.60	
	b) Expenses of Plan Account	8,82,12,725.00		12,88,27,488.00	
	c) Earmarked Fund	9,37,01,677.37		5,24,46,188.50	
	d) Investment	4,04,19,750.00		42,47,527.00	
	e) Other Payment	27,42,34,863.53		62,82,51,349.20	
	f) Closing Balance in Cash & at Bank	39,97,00,074.98		36,74,35,936.76	
3	Income Plan / XII Plan		43,78,587.00		86,57,958.00
	a) Grants / Subsides	10,91,446.00		9,16,417.00	
	b) Interest Earned	32,87,141.00		77,41,541.00	

		2018--2019		2017-2018	
S No.	**Particulars**	**Amount**	**Amount**	**Amount**	**Amount**
4	Expenditure Plan		66.00		91,60,614.00
	a) Establishment Expenses	-		89,01,300.00	
	b) Administrative Expenses	66.00		2,59,314.00	
	c)Academic Expenses				
	d) Repairs & maintenance				
5	Income - Non Plan		92,45,32,282.00		79,26,67,273.50
	a) Grants / Subsidies	75,27,84,225.00		66,30,76,000.00	
	b) Fees / Subscription	16,55,06,667.00		12,18,05,843.00	
	c) Interest Earned	7,20,703.00		16,59,776.00	
	d) Other Income	55,20,687.00		61,25,654.50	
6	Expenditure - Non Plan		15,92,23,368.00		68,48,41,538.40
	a) Establishment Expenses	4,15,23,676.00		37,85,62,382.60	
	b) Administrative Expenses	5,69,73,607.00		13,68,73,672.00	
	c)Academic Expenses	2,87,67,063.00		3,91,73,838.80	
	d) Repairs & maintenance	3,19,59,022.00		13,02,31,645.00	
7	Depreciation On Fixed Assets		5,64,53,708.68		6,12,10,845.05
8	Profit / (Loss) Earned During The Year		2,14,15,381.22		(4,33,70,822.95)
	Non Plan Account Profit				
	Plan Account Profit				
9	Fixed Assets & Capital WIP		2,41,31,18,739.63		2,40,80,76,627.20
10	Investment				
11	Current Assets, Loan & Advance		71,67,01,564.99		69,81,27,204.76
12	Earmarked Fund		2,21,37,265.91		6,69,51,946.03
13	Current Liabilities & Provisions		53,85,39,581.19		68,07,39,102.46
14	Capital Fund		2,56,91,43,457.69		2,35,85,12,784.34

GLIMPSES OF VARIOUS ACTIVITIES OF BBAU








BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY
Alumnus


Prof. V.K. Joshi




National Seminar
on
Law and Justice in Globalized World : Contemporary Issues and Challenges
Organized by
Centre of Post Graduate Legal Studies
Prof. Priti Saxena
Prof. Sanjay Singh


Venue:-
India Wins Freedom








NATIONAL SERVICE SCHEME
One Week Day/Night Special Camp
7-13 March, 2019


One Day Special Lecture
on
SCIENTIFIC EXPLORATION
Indian & Western
By
Dr. O.P. Pandey
Professor of Astrophysics
Organized by
Department of Chemistry
Date: 12th March 2019 at 10:30 A.M.
Venue: Council Hall,
Old Admin Building
Babasaheb Bhimrao Ambedkar University,
(A Central University)
Vidya Vihar Raebareli Road, Lucknow-226025




NATIONAL SERVICE SCHEME
One Week Day/Night Special Camp


NATIONAL SERVICE SCHEME
One Week Day/Night Special Camp
7-13 March, 2019


March






106th
SCIENCE CONGRESS


CELLS


TREATMENT OF COLORECTAL CANCER
USING
AVASTIN
INTESTINAL CROSS SECTION
ANGIOGENESIS
ANTI-ANGIOGENESIS IN ACTION