

ANNUAL REPORT

2016-17



**BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY**



प्रज्ञा शील करुणा
ESTABLISHED 1996

Babasaheb Bhimrao Ambedkar University

Vidya Vihar, Rae Bareilly Road, Lucknow-226025, INDIA

www.bbau.ac.in

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Visitor

Hon'ble the President of India

Shri Pranab Mukherjee

Chancellor

Shri Navjeevan Lal Lakhanpal

Vice Chancellor

Prof. Ranbir Chander Sobti

Advisor to Vice Chancellor	Prof. R.B. Ram
Registrar	Dr. Sunita Chandra
Finance Officer	Shri Rama Shankar Singh
Controller of Examination	Dr. Sanjay Kumar Mishra
Librarian	Dr. Sunil Gorla
Proctor	Prof. Ram Chandra
Dean Students Welfare	Prof. Ripu Sudan Singh
Dean Students Welfare (Women)	Prof. Sudarshan Verma

Deans

School for Ambedkar Studies	Prof. Kameswar Choudhary
School for Biosciences & Biotechnology	Prof. Shubhini A. Saraf
School for Environmental Sciences	Prof. Ram Chandra
School for Information Science & Technology	Prof. Vipin Saxena
School for Legal Studies	Prof. S.K. Bhatnagar
School for Physical Science	Prof. Kaman Singh
School for Management Studies	Prof. Ram Chandra (I/c)
School for Home Science	Prof. Sunita Mishra
School for Education	Prof. Vipin Saxena(I/c)
School for Language and Literature	Prof. Vipin Saxena(I/c)

Heads/Coordinators

Applied Animal Science	Dr. V. Elangovan
Applied Plant Science	Prof. R.B. Ram
Biotechnology	Prof. Shubhini A. Saraf

Computer Science	Prof. Sanjay K. Dwivedi
Economics	Prof. N.M.P. Verma
Education	Dr. Harishankar
Environmental Science	Prof.S.KDiwedi
Environmental Microbiology	Dr. Naveen Kumar Arora
Hindi	Dr. Harishankar
History	Dr. Shuradara Puri
Human Right	Prof. Priti Saxena
Information Technology	Prof. R.A. Khan
Library & Information Science	Dr. M.P Singh
Law	Prof. Sudarshan Verma
Political Science	Prof. Ripu Sudan Singh
Mass Communication & Journalism	Prof. Gopal Singh
Human Development & Family Studies	Prof. Sunita Mishra
Sociology	Prof. Manish Kumar Verma
Applied Chemistry	Dr. Gajanan Pandey
Applied Physics	Dr. Devesh Kumar
Applied Mathematics	Prof. B. S. Bhadauria
Applied Statistics	Dr. Surinder Kumar
Rural Management	Dr. Kushendra Mishra
Pharmaceutical Science	Prof. Shubhini A. Saraf
Remedial Coaching Programme	Prof. Sanjay Kumar
Information and Guidance Bureau	Dr. Shilpi Verma
Placement Cell	Dr. M.K. Padhy
Centre for Personality Development	Dr. L.C. Mallaiah

Directors

Univresity Science Instrumentation Centre	Prof. D.P. Singh
Centre for the Study of Social Inclusion and Inclusive Policy	Prof. R.B. Ram (I/c)
Residential Coaching Academy	Prof. Ram Chandra
University Institute of Engineering and Technology	Prof. Vipin Saxena
Director Public Relations (DPR)	Prof. Govind Ji Pandey
Computer Centre	Prof. R.A. Khan

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From the Vice Chancellor's Desk

Babasaheb Bhimrao Ambedkar University has been continuously striving to innovate and radicalize newer operating offshoots transforming the lives of the common man. Known for its total commitment to superiority in technical education and research with a holistic concern, the University strives to provide the best learning environment with a motto to achieve global standards. The University has spread its horizons extensively with a vision to be a dynamic and creative globally connected institution of excellence in advanced and learning knowledge, especially relevant to the development of the Nation and of the marginalized sections of the society, has spread its academic outreach and established BBAU Satellite Campus at Amethi on 16th June, 2016, 130kms away from Lucknow with PG, UG and Integrated courses.



I take the privilege of presenting the 20th Annual report of Babasaheb Bhimrao Ambedkar University, Lucknow for the year 2016-17. The Birth Anniversary of the great son of India, Bhimrao Ambedkar was commemorated on 14th April, 2015, as a part of which the University has organized many seminars/conferences/competitions, rally etc throughout the year and the celebrations were concluded with an International Seminar on 14th April, 2016.

BBAU has envisioned and executed several measures to popularize science, offering more than ninety two contemporary courses in emerging areas of science, technology, social sciences, languages and skill based programmes. The University endeavors to create an academically vibrant and congenial environment through linking education through innovation, policy development, creating infrastructure and rigorous scientific discussions and deliberations. Committed to make significant contributions to the society and to ensure adequate employment and other extraordinary opportunities, the University collaborated with diverse partners in academia of National and International level, signed various MOUs and pacts creating synergies among all the stake holders.

The University is actively engaged in providing best of the education and carrying out cutting edge research and simultaneously taking up social and community development activities, considering the needs of society, besides being the frontrunner in timely implementation of the policies and programmes of Government of India. With an unwavering commitment to academics, and the heightened realization about the momentum of higher education, BBAU grasped the extraordinary opportunities available through introducing innovation accelerating growth and setting higher targets for achievements in all arenas.

The University is actively pursuing the goal of making e-learning available to empower citizens to empower citizens through digital platforms. The academic programmes of the University have been designed and reviewed timely to keep pace with contemporary trends. Further to achieve the goal of becoming centre of excellence, new initiatives have been undertaken towards campus development, faculty and student empowerment, management reforms, upgradation of sports, health and other facilities, strengthening grievance redressal systems, initiating innovation in academic and extracurricular activities and increasing access and equity for all through equipping latest facilities for research and education.

BBAU has set its strong foot forward on the road to achieve milestones in academic fields and to achieve excellence organized various National and International seminars/conferences/symposia/workshops/special lecture series etc. These scientific discourses not only has provided platform for various stake holders, but are envisioned specially to develop processes and systems to disseminate and connect science and research for upliftment of common man and society. Babasaheb Bhimrao Ambedkar University also has organized different events to mark 'Azaadi 70 - Yaad Karo Kurban' (Freedom fortnight) during 9th to 23rd August, 2016 which was culminated with various cultural and literary programmes to celebrate the 70 years of Independence.

In an effort to integrate the BBAU mission of shouldering societal responsibilities, contributing the knowledge resources impartially and serving the public purposes, various inclusive, society oriented programmes, the

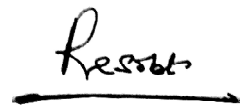
University has adopted various under developed, resource limited villages and colonies for dissemination of education and organized various awareness camps on social, environmental, health issues etc. Priority is given in instilling the importance of science and scientific aptitude in the personal and societal development, through rigorous campaigning about the ill effects of the abuse of scientific and technological advancements.

The campus offers State of the art Infrastructure including modernized class rooms, smart classes, well equipped library and other facilities. The University envisages sports and cultural activities to be seen as an opportunity for students to take their just place as future leaders of the country in myriad spheres of activity. The students are provided with various indoor and outdoor sports facilities and are given various platforms for participation to channelize the abundant energy, creativity and enthusiasm of students.

High quality research is emphasized to push frontiers of knowledge as well as to evolve technologies and to implement them for development to make education holistic. The faculty and students of the University are engaged in world class research to encourage the innovation and technology and provide better access to higher education to all sections.

I am obliged to put on record that the University is continuously determined to impart quality higher education relevant for the development of the society as perceived by Bharat Ratna, 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 contributing to the growth of not only our society and nation but humanity at large.



(Prof. R. C. Sobti)

Vice-Chancellor

Board of Mangement

Prof. R. C. Sobti

Vice Chancellor
BBAU, Lucknow

Prof. Kamal Jaiswal

DAAS,
BBAU, Lucknow

Sh. N.K.S. More

Associate Professor,
Deptt. of Environmental Science,
BBAU, Lucknow

Dr. M.L. Meena

Assistant Professor,
DAPS, BBAU, Lucknow

Smt. Vandana Chavan

Member of Rajya Sabha
602, Swarna Jayanti Sadan
Dr. B.D. Marg
New Delhi 1

Smt. Anju Bala

Member of Lok Sabha,
Vill.Sunasi. P.O. Shahpur Ganga,
Tehsil-Bilgram, Hardoi, U.P.-241303

Shri Dharmendra Yadav

Member of Lok Sabha,
147-149, South Avenue,
New Delhi- 110011

Joint Secretary (CU&L)

Department of Higher Education, MHRD,
Shastri Bhawan, New Delhi

Chairman

University Grants Commission,
Bahdur Shah Zafar Marg, Shastri Bhawan,
New Delhi

Registrar (Ex-officio Secretary)

Babasaheb Bhimrao Ambedkar University,
Lucknow

Prof. Raghvendra Tanwar	from 30.05.2017
Prof. Vidhya Sharda	from 30.05.2017
Prof. Ajay Kumar Jha	from 30.05.2017
Prof. Santosh Kumar	from 30.05.2017
Shri Ashok Singh	upto 24.03.2017
Prof. Arun Diwakar Nath Bajpai	upto 24.03.2017
Dr. P.C. Jain	upto 24.03.2017
Prof. Shilpa Khatri Babbar	upto 24.03.2017

Academic Council

Prof. R.C. Sobti

Vice Chancellor
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. I.J.S Banasal (Retd.)

President Punjab Academy of Sciences,
Union Building, Punjabi University, Patiala

Dr. Rakesh Aggarwal

Professor, Department of
Gastroenterology SGPGI, Lucknow.

Dr. Naval Kishor

Department of Geology Punjab University,
Chandigarh-160014.

Dr. M.R.S. Rao

Jawaharlal Nehru Centre for Advance Scientific
Research, Jakkur, Bangalore-560064.

Prof. S.K. Bhatnagar

Department of Human Rights Babasaheb
Bhimrao Ambedkar University, Lucknow.

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. M.Y. Khan

Department of Biotechnology
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. S.Victor Babu

Department of History
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Kameshwar Chaudhary

Department of Sociology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Priti Saxena

Department of Human Rights
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. K.L. Mahawar

Department of Library & Information Technology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Vipin Saxena

Department of Computer Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Sanatan Nayak

Department of Economics
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. R.A. Khan

Department of Information Technology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Sudarshan Verma

Department of Law
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Deepa H. Dwivedi

Department of Applied Plant Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Kamal Jaiswal

Department of Applied Animal Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Shubini A. Saraf

Department of Pharmaceutical Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Sartik Bagh

Department of Political Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. S.K. Dwivedi

Department of Computer Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. S.K. Dwivedi

Department of Environmental Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Manish Kumar Verma

Head, Department of Sociology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Govind ji Pandey

Department of DJMC
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Sanjay Kumar

Department of Applied Plant Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Bibhuti Bhushan Malik

Department of Sociology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Gopal Singh

Department of DJMC
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Ripu Sudan Singh

Department of Political Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Ram Chandra

Department of Environmental Microbiology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. Kaman Singh

Department of Applied Chemistry
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Prof. B.S. Bhaduarua

Department of Applied Mathematics
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. V. Elangavon

Department of Applied Animal Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Gajanan Pandey

Department of Applied Chemistry
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Devesh Kumar

Department of Applied Physics
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Surendra Kumar

Department of Statistic
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Harishankar Singh

Department of Education
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Mr. Sunil Goriya

Librarian,
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Mr. N.K.S. More

Department of Environmental Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Dinesh Raj Modi

Department of Biotechnology
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Shashi Kumar

Department of Human Rights
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Shashi Kant Pandey

Department of Political Science
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Dr. Naveen Arora

Department of Environmental Microbiology
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Dr. Kushendra Mishra

Department of Rural Management
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. M.P Singh

Department of Library & Information Science
Babasaheb Bhimrao Ambedkar University,
Lucknow

Dr. Shura Darapuri

Department of History
Babasaheb Bhimrao Ambedkar University,
Lucknow

Dr. Suman Mishra

Department of Applied Animal Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Abha Mishra

Department of Applied Animal Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Venkatesh Dutta

Department of Environmental Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Dr. Ranjeet Kumar Chaudhary

Department of Library & Information Science
Babasaheb Bhimrao Ambedkar University,
Lucknow.

Ms. Sushma Verma

Research Scholar, Department of
Environmental Microbiology
Babasaheb Bhimrao Ambedkar University
Lucknow

Ms. Priyanka Kujur

PG Student,
Department of Applied Animal Science
Babasaheb Bhimrao Ambedkar University,
Lucknow

Registrar (Ex-officio Secretary)

Babasaheb Bhimrao Ambedkar University,
Lucknow

Finance Committee

Prof. R.C. Sobti, Chairman

Vice Chancellor
Babasaheb Bhimrao Ambedkar University,
Lucknow-226 025

Joint Secretary & Finance Advisor

Ministry of Human Resource Development MHRD,
Shastri Bhawan,
New Delhi-110 001

Joint Secretary (CU&L)

MHRD, Shastri Bhawan,
New Delhi-110 001

Dr. K. P. Singh

Joint Secretary (CU)
University Grants Commission
Bahadur Shah Zafer Marg
New Delhi - 110 002

Shri Ashok Singh

1202, Satpura Apartment
Kaushambi, Ghaziabad- 201001

Prof. Surinder Kumar

Director, Giri Institute of Development Studies,
Sector- O, Aliganj
Housing Scheme, Lucknow-226024

Prof.N.M.P. Verma

Dept.of Economics
Babasaheb Bhimrao Ambedkar University,
Lucknow-226 025

Shri Rama Shanker Singh

Finance Officer
Babasaheb Bhimrao Ambedkar University,
Lucknow-226 025

Planning Board

Prof. R. C. Sobti

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

Prof. Shubhini A. Saraf

Dean, SBBT, BBAU, Lucknow

Prof. Vipin Saxena

Dean, SIST, BBAU, Lucknow
Mob.: 9452372550, Off.: 0522-

Prof. Sudarshan Verma

Head, Law, BBAU

Dr. Gajanan Pandey

Department of Applied Chemistry,
BBAU

Dr. S. K. Sarin

Director, Institute of Liver & Biliary Sciences,
D1, Vasant Kunj, New Delhi - 110 070

Prof. Prakash Singh

Department of Political Science
Delhi University, New Delhi

Dr. P.C. Jha

Department of Operation Research
Delhi University

Shri A. K. Maurya

Dy. Registrar,
BBAU, Lucknow
Mob.: 945360435: Off.: 0522-2995669

Registrar (Ex-officio Secretary)

Babasaheb Bhimrao Ambedkar University,
Lucknow

SCHOOL FOR AMBEDKAR STUDIES

The School for Ambedkar Studies (SAS) was started in the early years of the University and started its academic programmes during the year 1998-98. The School first started with the Departments of Economics and History and added two new departments and a Centre in 2008. Thus, the school currently has four post-graduate departments and two Centres. It includes Department of Economics, Department of History, Department of Sociology, Department of Political Science, and Centre for the Study of Social

Exclusion and Inclusive Policy (CSSEIP) and Dr. Ambedkar Studies Centre. The School offers P.G., M. Phil. and Ph.D. Programmes and has an interdisciplinary orientation. The School is a noted centre of excellence in post-graduate teaching and research in social science. 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 contemporary significance.

DEPARTMENT OF ECONOMICS

Introduction of the Department

The Department of Economics was originated in 2000. It provides quality post graduate level education and research training through advance methods including learning and engaging the students and faculties with meaningful, development friendly fundamental and empirical research. The department is committed to make the department an institute of academic excellence in teaching & research on fundamental and

contemporary economic issues. The department currently runs M.A., M.Phil. & Ph.D. Programmes in Economics. Faculty also supervise post doctoral scholars and research projects. Faculty also annually organise seminar, conference and workshop on research methodology. The department has well qualified core faculties with national & international exposure. The department frequently updates the syllabus in order to cater to the growing thirst of knowledge and employment.

Faculty Details:

S. No.	Name	Designation	Qualification	Specialization
1.	N.M.P. Verma	Professor	M.A. , Ph.D.	Development Economics of Marginalized Section, Macro Economics, Industrial Economics
2.	Sanatan Nayak	Professor & Head	M.A., M. Phil., Ph.D., M.Sc. (Ecology & Environment)	Environmental Economics, Econometrics, Agricultural Economics, Micro Economics
3.	L.C. Mallaiah (on leave)	Associate Professor	M.A., M. Phil. Ph.D.	Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination
4.	D. K. Yadav	Assistant Professor	M.A., Ph.D.	Monetary Economics Econometrics Mathematical Economics, Statistics, Public Economics
5.	Surendra Meher	Assistant Professor	M.A., Eco , M.Phil., Ph.D.	Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics
6	Dr. Pranav Kumar Anand	Assistant Professor	M.Phil., Ph.D.	Agricultural Economics

Citation Index of the Department:

S. No.	Name of the faculty Member	Citations	H-Index	i10-index
1	Prof. N. M. P. Verma	37	3	0
2	Dr. Surendra Meher	9	-	-

Department Level Academic Activities:**1. National Level Conference:**

- i. National Conference on “**Socio-Economic Changes during 12th Five Year Plan (2012-17)** organized by BBAU-ASEDS, Conference Coordinator Prof NMP Verma” during 15th-16th December, 2016.

2. Special Lecture:

- i. Special Lecture organized by the Department on “**Is India’s Largest Workfare Programme Successfully Challenging it’s Historical Inequalities**” 25th May, 2017 by Mr. Kartik Mishra, DE, Research Scholar, University of Massachusetts, Amherst, U.S.A.

Course Offered/New Courses (M.A., M.Phil. & Ph.D.)

Sl. No.	Course	Session	Student Admitted
01	M.A. in Economics	2016-17	51
02	M.Phil. in Economics	2016-17	05
03	Ph.D. in Economics	2016-17	09
04	Post Doctoral Fellow (Eco.)	2016-17	02

Visitors to the Schools, if any

- i. Mr. Kartik Mishra, DE, Research Scholar, University of Massachusetts, Amherst, U.S.A.

Accomplishment of Students

- a. Divya Shukla M.A./M.Sc. in Financial Eco.(Batch 13-15)- Qualified in JRF, Enrolled in Ph.D. IIT, Kanpur
- b. Naveen, M.A. student (Batch 14-16)- Qualified in JRF, 2016
- c. Pooja Maurya, M.A. student (Batch 13-15)- Qualified in JRF, 2016
- d. Ram Krishna Dixit, M.A. student (Batch 13-15)- Hindi Officer, IBPS Recruitment, Mumbai
- e. Ms. Shweta Singh, Ph.D. student (Batch 13-17)-Assistant Prof. Patna University, Patna

Faculty wise supervisor of the Ph.D. and M.Phil. Student/Dissertation and thesis submission/Degree awarded.**a. Ph.D. Awarded:-**

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
01	Ms. Anshu Singh (Ph.D. awarded in 24.11.16)	Prof. NMP Verma	A Study on Efficiency of Measurement of Public Distribution System of Food Grains & Non Food Grains : A Case Study of Lucknow City
02	Ms. Shivani Tiwari (Ph.D. awarded in 24.08.16)	Prof. Sanatan Nayak	Gender Inequality in Agricultural Sector in Agriculture
03	Mr. Rahul (Ph.D submitted,2016)	Prof. NMP Verma	Employment and Wage Pattern in the Commercial Construction sector: A Case study of Noida Uttar Pradesh

Ph.D. Submitted :-

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D.Topic
1.	Naveed Ahmad Lone (Ph.D. thesis submitted)	Dr. D.K.Yadav	Determinants of Inflation in India: A Study of Compositional Shift in the Post Reform Period
2.	Sanjay Kumar Upadhyay (Pre-Submission Presentation completed)	Dr. L.C. Mallaiah	Impact of Agricultural Credit on Socio-Economic Condition of Small and Marginal Farmer in Uttar Pradesh

M.Phil. dissertation submission:-

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil.Topic
1.	Shekhar (M.Phil. Dissertation submission)	Dr. L C Mallaiah	Economic Evaluation of UP State Agricultural Produce Markets Board with Reference to Lucknow
2.	Subrat Kumar Malik (M.Phil. Dissertation submission)	Prof. S. Nayak	Environmental Impact of Industrialization : A Study on Balasore Alloys Industry, Odisha
3.	Manoj Kumar (M.Phil. Dissertation submission)	Dr. Surendra Meher	Performance of MGNREGA in India : A Case Study of Jalaun District, Uttar Pradesh
4.	Shambhavi Singh (M.Phil. Dissertation submission)	Dr. Surendra Meher	Trends and Patterns of Migration in India : A Case Study of Lucknow, Uttar Pradesh
5.	Swapnil Gupta (M.Phil. Dissertation submission)	Dr. D K Yadav	Role of Microfinance in Development of Craft and Cluster Activities in U.P.- A Case Study of Chikankari Industry of Lucknow

Co-curricular/Extra-curricular/conference event organized by the department

Community Level survey Research on **Pradhan Mantri Jan Dhan Yojna (PMJDY)**.

Future Plans of the Department:

Proposes to expand in terms of faculty, student's intake, research activities and community friendly activities.

Academic Details/activities of the Faculty of your department under the following heads:**1. Award & Recognition (if any)**

Prof. Sanatan Nayak- Marginalisation of Land Holding in India: A District Level Analysis, A paper presented in the 76th Annual Conference of **Indian Society for Agricultural Economics** during November 21-23, 2016, Organized by Assam Agricultural University, Jorhat, Assam. This paper was adjudged as the best paper for *Dr. N.A. Muzumdar Prize Award by ISAE for the year 2016*.

2. Members of Board/Committee (outside BBAU)**Prof. N M P Verma**

1. Screening Committee for Prof., Assistant Prof., Associate Prof., recruitment, GIDS Lucknow date 04/08/2016
2. DRC, Amity University, Lucknow 26/09/2016, 15.12.2016
3. Chairman Prize Distribution Ceremony (Hindi Pakhwara/BBAU) September 28/09/2016
4. Expert, Ph.D. Scholar selection of Gupta Institute, LU, December 15, 2016

5. Examiner Ph.D. Synopsis evaluation for doctoral fellowship at ICSSR, Delhi December 05, 2016
6. Paper Reviewer of Journals International Finance and Banking (USA) and International Journal of Economics and Finance (Canada)
7. Editor-in-Chief, International Journal of Social Science and Development Policy, (IJSSDP), Jointly published by BBAU & ASEDS

Details of the Project sanctioned/Executed (during 01.04.16-31.03.2017)

- A. Prof. Sanatan Nayak-** Pricing and Health Cost Measurement in Urban Drinking Water: A study of Slum and Non Slum Areas in Lucknow, Uttar Pradesh. This is ongoing project w.e.f. 1st December, 2016. (Sponsoring Organisation: ICSSR, New Delhi. Research Grant: Rs.8.00 Lakhs)
- B. Dr. Surendra Meher-** Occupation Segmentations and Intergroup Inequalities in Labour Market in India: A Field Investigation from Odisha. This is ongoing project w.e.f. 14th March, 2016. (Sponsoring Organisation: ICSSR, New Delhi. Research Grant: Rs.8.00 Lakhs)

Research Publication (s)

- a. Book(s), Book(s)/chapter(s) Authored /Edited Book/Monograph (s) (if any)**
 - i. Prof. N M P Verma**
 1. Innovation- Inclusion Interface in Agriculture: Empirical Evidences from Indian Irrigation in R.C. Sobti & Venkatesh Dutta (Eds.) Bridging the Science-Policy Gap for Inclusive Growth in India,

Narendra Publication House, Delhi, 2016, Chapter 12, pp 217-239.

2. Economic Perspective of Inclusive Innovation in Indian Irrigation, IJSSDP, Vol. 2, No.1, Jan-June, 2016.
3. Election in Post-Demonetized Post Budget Economy, Economy India, March, 2017
4. Demonetization in India, Dainik Jagran, Lucknow, 2016
5. Demonetization and Remonetization Coexistence: Theoretical Implications in Indian Context, International Journal of Social Science and Development Policy, Vol 3, No.1, January-June, 2017.
6. Edited two volumes of Journal, International Journal of Social Science and Development Policy, 2016-17

ii. Prof. Sanatan Nayak

1. Impact of Climate Change on Agriculture: Approaches, Extent and Dimensions, in Kumar Surinder and C.S. Verma, (eds.), **State and Capitalist Development in India: A Political Economy Perspective**, Aakar Publications, New Delhi, 2016.

a. Paper published:

Climate Change and Indian Agriculture: Macro Perspectives, **South Asian Journal of Management Research**, Vol.8, No.2, 2016.

b. National Conference/Journals/Paper presentation (if any):

Plight of Tenancy in Contemporary Indian Agrarian Relations, A paper presented in the 20th National Annual Conference of **Indian Political Economic Association** during November 4-6th, 2016, Organized by Guru Nanak Dev University, Amritsar, Punjab.

Marginalisation of Land Holding in India: A District Level Analysis, A paper presented in the 76th Annual Conference of **Indian Society for Agricultural Economics** during November 21-23, 2016, Organized by Assam Agricultural University, Jorhat, Assam. This paper was adjudged as the best paper for *Dr. N.A. Muzumdar Prize Award by ISAE for the year 2016*.

Impact of River Pollution on Livelihood and Health: A case Study of Washermen Community Across Gomti River, Lucknow, A paper presented in **National**

Seminar on "Healthy Rivers Ecosystem Benefits and Prosperity", along with Soma Samant, Organized by Indian Water Resources Society, Lucknow Centre, Lucknow during 19-20 September, 2016.

Dr. Surendra Meher:-

Presented a paper entitled "Contribution of Dr. B.R. Ambedkar on Economic Development and Scenarion in Post Reform Indian Economy" at Two Day National Symposium (April 13th -14th 2016) on The Contribution of Babasaheb Ambedkar for Development of Modern India organized by BBAU, Lucknow

Presented a paper entitled "Trends of Female Employment in India in Post Globalisation Period" at National Seminar on Globalisation and Youth in India: Perspectives, Issues and Challenges organized by BBAU, Lucknow from 6th to 7th March 2017.

iii. Dr. D K Yadav:-

Book(s), Book(s)/chapter(s) Authored /Edited Book/ Monograph (s) (if any)

1. Prof. R.C. Sobti, Dr. L.C. Mallaiah, Dr. V.M. Ravi Kumar, Dr. D.K. Yadav (Ed.) *The Contribution of Babasaheb Ambedkar for Development of Modern India*, Excel India Publisher New Delhi, 2016 ISBN: 978-93-85777-63-9.
2. Yadav, D K (2016), "Recent Financial Crisis and International Politics: An Analysis of Efforts to Save U S Economy at the Cost of Developing Economies", *Journal of Global Economics (JGE)*, ISSN 2375-4389, Vol. 3 Issue 4, 1000155

iv. Dr. Surendra Meher:-

Paper entitled "Indian Agriculture and Livelihood Security of Small Farmers: A Post-Reform Scenario" published in the Book *India's Tryst with Democracy: Changing Contours of Politics, Economy and Society* (Edited by Shasikant Pandey) Concept Publishing House, New Delhi-2017. ISBN- 13: 978-93-5125-268-9.

Paper entitled "Household's Income of Small and Marginal Farmers and their Livelihood Pattern: A Study of Four Villages in Odisha", published in the book "Social Exclusion and Inclusion: A Journey from Past to Present" edited by Sobti, R.C. et.al., Jaya Publishing House, Delhi. ISBN: 978-93-84337-22-0.

K5. Participation in Orientation/Refresher Course/ Workshop/Seminar/Conference (if any)

Participated in the National Workshop on "Research Methodology and Statistical Analysis in Yogic Science" organized by Sports Section, Babasaheb Bhimrao Ambedkar University, Lucknow 22nd to 28th August, 2016.

K-6. Invited Speaker/Session Chaired in National/ International Conferences details (if any)**i. Prof. N M P Verma:-**

1. Key Speaker on consumption, poverty and welfare, Govt. PG College, Kooba Azamgarh, 23/09/2016
2. Key Speaker, IEA Seminar, SRM University, Ghaziabad, 2016
3. Key Speaker, IEA, On 'Economic Thought & Relevance of Ambedkar in Indian Economy', Mathura, December 27, 2016
4. Chaired a session organised by Dept of Economics, LU/invited by M K Agarwal in seminar on Nov, 2016
5. Presented theme paper, 'National Conference-2016 on Socioeconomic Progress during XII Plan', December 15-16, 2016 BBAU -ASEDS Conference, as Coordinator
6. Lead Speaker in IT College, Lucknow on ozone day, 2016
7. Chief Guest, Awareness Programme on Support for Entrepreneurial and Management Development of SMEs through Incubators, November 15, 2016, Hosted by MSME office, Kanpur
8. Presidential Address (Acting Vice-Chancellor) one day National Conference on 'Forging the future: Inclusive Education: Strategic Dialogue and Evidence Based practices, March 7, 2017
9. Presidential Address (Acting Vice-Chancellor) Globalization and Youth in India: Perspectives, Issues and Challenges, 2016
10. Valedictory Address, Towards Beautiful and Blissful Research, Research Methodology Course, GIDS March 30, 2017
11. Presidential Address (Acting Vice-Chancellor) A Weakness Drive on Fat, Salt Sugar Organised by NIPPCED/ Home Science Department, BBAU, 31 March, 2017

12. Subject Expert on 'Panel for Discussion on Budget', February 1, 2017, 7 to 8 PM, India News Channel, Saran Chamber II, Park Road, Lucknow

ii. Prof. Sanatan Nayak:-

1. Delivered a key note address on Skill Development in India: Challenges and Possibilities in the inaugural session of the National Seminar on "Skill Development in India: Challenges and Possibilities", on 10th November, 2016 organised by Department of Economics, S.G.N. Govt. P.G. College, Muhammedabad, Gohna, Mau, Uttar Pradesh.
2. Delivered a special lecture on "Economic Development and Environmental Degradation: The Linkages" in the two days National Symposium on *Issues and Challenges in Ecological Sciences* organized by Centre for Advanced Study in Botany, Institute of Science, Banaras Hindu University, Varanasi-221005 during 23-25th February, 2017.
3. Delivered a special lecture on topic entitled "Types of Data, Methods and Tools" on 28th March, 2017 in the one week Research Methodology Training Programme for SC/ST Ph.D scholar and Faculties organized by Giri Institute of Development Studies on during 24-30, March, 2017.
4. Delivered a special lecture on topic entitled "Introduction to Statistical Software: Data Processing and Modeling" on 31st March, 2017 in the 10 days Research Methodology Training Programme for Ph.D Scholars and Faculties organized by Giri Institute of Development Studies on during 31st March to 9th April, 2017.
5. Delivered a special lecture on topic entitled "Research Design" on 24th May, 2017 in the 10 days Research Methodology Training Programme for Faculties organized by Giri Institute of Development Studies on during 22nd May to 4th June, 2017
6. Chaired a Technical Session in the National Seminar on "Gender Discrimination in Contemporary India: Issues & Challenges", during 11-12th February, 2017, at BBAU, Lucknow.
7. Chaired a Technical Session in the National Seminar on "Agriculture Distress: Issues, Challenges and Policy Implications", during 25-26th February, 2017, at Department of Economics, Lucknow University, Lucknow

iii. Dr. Surendra Meher:-

Presented a paper entitled “Employment and Wage Patterns of Zardosi Workers in Uttar Pradesh” in the international Seminar on

“Growth, Disparities and Inclusive Development in Uttar Pradesh: Experiences, Challenges and Policy Options” during 23- 25 September 2016 at Giri Institute of Development Studies, Lucknow.

Research Guidance (ongoing if any)**a. Ph.D. student’s details:-**

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D Topic
1.	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
2.	Amit Singh	Dr. L.C. Mallaiah	Impact of Corporate Farming and Agricultural Development in Uttar Pradesh
3.	Shweta Singh	Dr. D K Yadav	Micro Finance and Empowerment of Women- An Analysis of SHG in Uttar Pradesh
4.	Arvind Kumar	Dr. Surendra Meher	Trends and Patterns of Women Employment in the Unorganized sector: With Special Reference to Uttar Pradesh
5.	Vandana Ahirwar	Prof. Sanatan Nayak	An Economic Analysis of Air Pollution: A Case Study of Lucknow, India
6.	Ravindra Sah	Prof. Sanatan Nayak	Indoor Air Pollution and Poverty: Comparative Study of Rural Bihar and Rural Uttar Pradesh
7.	Kanti Devi	Prof. NMP Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons
8.	Parul Verma	Dr. L.C. Mallaiah	The Pertinence of Dr. B.R. Ambedkar’s Views on Economic Development after New Economic Reforms in India
9.	Pragya Sharma	Prof. Sanatan Nayak	Groundwater Sustainability : A Common Pool Resource Approach Towards its Management
10.	Priti Jha	Prof. Sanatan Nayak	Linkage between Trade and Scarcity of Water : A Case Study of Water Intensive Industry in Uttar Pradesh
11.	Chhavi Goel	Prof. NMP Verma	Market Price of Petroleum Products and Its Impact on Effective Demand of Automobiles in India
12.	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
13.	Ruchi Bhalla	Dr. Surendra Meher	Interlinkages between Human Development Indicators and Economic Growth in India : A Study with Reference to Kerala and Uttar Pradesh
14.	Alka Singh	Prof. Sanatan Nayak	Displacement and Resettlement due to Development of Real Estate Industry : A Case Study of Lucknow District
15.	Pratinidhi	Prof. N M P Verma	Short Run Linkage between Inflation and Unemployment during Pre and Post-Recession : A Study of India
16.	Sonam Omar	Dr. Surendra Meher	Agricultural Wages and Poverty Level in India : A Case Study of Eastern Uttar Pradesh
17.	Pawan Kumar Gupta	Prof. N M P Verma	Multinational’s Investment in the Economy of Uttar Pradesh : A Study of Noida

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D Topic
18.	Anubha Tewari	Prof. Sanatan Nayak	An Economic Analysis of Municipality Solid Waste Management : Special Reference to Lucknow in Uttar Pradesh
19.	Sandeep Kaul	Dr. L C Mallaiah	Estimation of Dalit Human Development Index in U.P.: A Comparative Analysis
20.	Gajendra Kumar	Dr. L C Mallaiah	Agricultured Distress in India : A Case Study of Bundelkhand Region, Uttar Pradesh
21.	Ekta	Dr. D. K. Yadav	Micro-Finance Movement in India : A Comparative Study of Southern and Northern Part of India
22.	Altaf Ahmad	Prof. N M P Verma	An Analysis of Promotion and Performance of MSMEs : A Study of Jammu and Srinagar Districts
23.	Firdous Ahmad 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
24.	Suhail Ahmad Bhat	Dr. Surendra Meher	An Economic Analysis of Small Scale Industries : A Comparative Study of Jammu and Kashmir

b. M.Phil. student's details:-

Sl. No.	Name of Scholars	Name of Supervisor	M.Phil. Topic
1.	Arshi Zia	Dr. D K Yadav	Interest Rate Policy and Performance of Macro Variables: A Study of Indian Economy in the Post Reform Period.
2.	Aparna Tripathi	Dr. Surendra Meher	Critical Role of Skill Development Mission in Addressing the Challenges of Child Labour : A Case Study of U.P.
3.	Nigar Afroz	Prof. N M P Verma	Short Term Economic Effects of Recent Demonetisation on Rural and Urban Regions : A Case of Lucknow District of Uttar Pradesh
4.	Priyanka Tripathi	Dr. D K Yadav	Role of Pradhan Mantri Mudra Scheme in Economic Rehabilitation of Urban Rural Population : A Case Study of Lucknow City
5.	Abdul Ahad	Dr. Pranav Kumar Anand	Status of Human Development of Muslim Women : A Case Study of Sultanpur District, Uttar Pradesh
6.	Shweta Singh	Dr. L C Mallaiah	Economic Evaluation of Financing and Promotional Bodies for Industrial Development in Uttar Pradesh

Membership/Fellowship of Professional/Academic Bodies (if any)

Prof. NMP Verma

i. President, Association of the Socio- Economic

Development Studies (ASEDS)

ii. Life Fellow, Indian Academy of Social Sciences, Allahabad

DEPARTMENT OF HISTORY

Introduction of the Department

Department of History offers four semesters M.A. Course M. Phil and Ph.D Program. The main objective of the department is to undertake teaching and research for imparting History subject from an interdisciplinary perspective with special focus on 'History from below'.

Department Level Academic Activities

Special lectures organized

- A Special Lecture delivered by Prof. Arjun Rao from Department of History, Osmania University, Hyderabad on the topic entitled "Acculturation and Social Change in Modern India" July, 2016
- A Special Lecture delivered by Mr. Naveed Ahmad from Department of Economics, Baba Gulam Shah Badshah University, Rajouri Jammu & Kashmir on the topic entitled "Reflections on Pre Colonial and Post Colonial Economy of India" October, 2016
- A Special Lecture delivered by Miss. Chou from Taiwan, on the topic entitled "Life Management for Students" January, 2017
- A Special Lecture delivered by Dr. V.M. Ravi Kumar, from Department of History, BBAU, Lucknow on the topic entitled "Understanding Baghat Singh from Dalit Perspective" March, 2017

Memorandum of Understandings signed

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

Course offered/New Courses

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

Visitors to the Departments, if any

- Prof. Rattan Lal Hangloo, Vice Chancellor, University of Kalyani, West Bengal
- Prof. Ranjan Chakrabarti, Vice Chancellor, University of Vidyasagar, West Bengal, Midnapore
- Prof. Deepak S. Gaikwad, Head Department of History, University of Pune, Ganeshind Pune
- Prof. Shailender Singh Jamwal, Head, Department of History, University of Jammu, Jammu & Kashmir

- Prof. Badri Narayan Tiwari, PSDE, University of Jawaharlal Nehru, New Delhi
- Miss. Chou, Taiwan

Accomplishments of students:

- 03 Students have been selected in UP-PCS
- 01 Student has been selected as Lekhpal
- 03 Students have been appointed as Assistant Professors
- 01 Student qualified NET - JRF examination for Lectureship.
- 04 Students qualified NET - JRF
- 05 Students qualified UGC - RGNF.
- 03 Students awarded ICHR Fellowship.
- 01 Student awarded Swami Vivekananda Single Girl Child Fellowship
- 03 Gold Medalists in Sports
- 01 Bronze Medalist in Sports
- 02 Gold Medalists in Academics

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

Prof. S. Victor Babu

10 Ph.D Students & 03 M.Phil Students.

Dr. Shura Darapuri

05 Ph.D Students & 03 M.Phil Students.

Dr. V.M. Ravi Kumar

06 Ph.D Students & 02 M.Phil Students.

Mr. B.N. Prasad

04 M.Phil Students.

Ph.D Submissions

- Three research scholars have submitted Ph.D thesis
- Eighteen research scholars have submitted M.Phil Dissertations

i. Co-curricular/Extra-curricular/conferences event organized by the Department

- Involvement in Creation and printing of University calendar (Wall and Table) and Diary commemorating 125th Birth Anniversary of Babasaheb Bhimrao Ambedkar
- Assisted in organizing Quiz commemorating the 125th Birth Anniversary of Babasaheb Bhimrao Ambedkar
- Contribution in facilitating in playing of soothing music in morning around the statues of Dr Ambedkar
- Contribution in the promotion of Equity in Higher Educational Institutions through Equal Opportunity Cell
- Contribution in organizing National/International Seminar, Symposium, Workshop
- Contribution in organizing the Cultural Program SAUFEST held at B.B. Ambedkar University, 25th -29th Feb. 2016

Future Plans of the Department, if any

MOU was already signed between the University of Kelaniya, Sri Lanka and BBAU for teaching and research cooperation. Academic exchange programmes with other universities are also being planned.

Research Projects

- **Details of the project Sanctioned/Executed (10.04.2016 to 31.12.2016)**

Dr. Renu Pandey (Leave vacancy)

ICHR, Project entitled ,‘Savitribai and Pandita Ramabai: A Comparative study of social thoughts and works’, for Rs. 2,10,000.

1. Academic details/activities of the Faculty of your Department under the following heads:

Members of Board/committee (outside BBAU)

Prof. S. Victor Babu

Member, Editorial Board, Contemporary Voice of Dalit, Sage Journal, New Delhi.

Dr. Shura Darapuri

External expert, Department of Med/Mod History, University of Allahabad, Allahabad

2. Research Publication (s)

a. Books /Book chapter Authored/Edited Book/ Monograph if any

Prof. S. Victor Babu

- Performing Popular Culture in Medieval Andhra in Salma Ahmed Farooqui (ed.), *Histories, Regions, Nodes : Essays for Ratan La Hangloo*, Primes Books, New Delhi, 2017.

Dr. Shura Darapuri

- Communicated “Social Exclusion of Dalit Women with special reference to Health and Healthy Tradition” in Social Exclusion and Inclusion: A Journey from Past to Present, edited by R.C.Sobti, RB Ram, S Victor Babu, S Krishna, Sudarshan Verma, Priti Saxena, Narendra Publishing House, New Delhi
- Chapter entitled, “Education as an Investment” in “Babasaheb Bhimrao Ambedkar’s Vision of Education: Message for Teachers and Teacher Educators”, Edited by Shura Darapuri, UVKiran, KPPandey, Sudhir Kumar, Narendra Publishing House, New Delhi 2016
- Chapter entitled, “ Scientific temper and Dr Ambedkar,” in Dr BR Ambedkar: An ultimate visionary of the era, edited by R.C.Sobti, Sudarshan Verma, Priti Saxena,, Narendra Publishing House, New Delhi,2016
- Communicated “Education as an Investment” in Volume for NCTE
- Edited volume “Babasaheb Bhimrao Ambedkar’s Vision of Education:Message for Teachers and Teacher Educators”, Editors: Shura Darapuri, UVKiran, KP Pandey,Sudhir Kumar, Narendra Publishing House, New Delhi 2016

Dr. V. M. Ravi Kumar

- V. M. Ravi Kumar, Green Governance: An Assessment of Participatory Forest Management in Telangana, in L.C. Malliah and K.B. Ratnakumari Eds, Perspective on Telangana Economy, Abject Publication, New Delhi, 2017, pp. 32-41.
- V.M. Ravi Kumar, Ambedkar and Modern Indian Society: Myth and Reality, in R.C. Sobti, Mallian, V.M. Ravi Kumar and D.K Yadav Eds, The Contribution of Babasaheb Ambedkar for Development of Modern India, Excel, New Delhi, 2016, pp. 10-18.

- L.C. Malliah, V.M. Ravi Kumar, Introduction to Ambedkar, in R.C. Sobti, Malliah, Ravi Kumar and Yadav Eds, *The Contribution of Babasaheb Ambedkar for Development of Modern India*, Excel, New Delhi, 2016, pp. 1-09

Mr. B.N. Prasad

- 'Marsh, Rice, Faith: Aspects of Environmental and Religious Changes in the Early Medieval Surma- Barak Valley'. In Sajal Nag (ed.), *Playing With Nature: History and Politics of Environment in North-East India*, **Manohar Publishers, New Delhi**, 2017, pp. 49-69. ISBN No. 9789350981351.
- 'The Social Bases of Patronage to the Vikramaúilā Mahāvihāra: An Epigraphic Enquiry'. In Sajal Nag (ed.), *Blending the Nation and the Region: Essays in Memory of Late Professor Amalendu Guha*, **Primus Books, Delhi**, 2017, pp.310-324 (accepted for publication; not yet released)

Paper Published

Prof. S. Victor Babu

- Presented a paper on 'Constitution of Dalit Self: Malamahanadu and Madiga Dandora in United A.P' in Indian History Congress, held at Thiruvanantha Puram, Dec. 28-30, 2016.

Dr. V. M. Ravi Kumar

- V.M. Ravi Kumar, 'Dr. B. R. Ambedkar and Social Justice in India: Theory and Practice, International Journal of Multiple Research Approach, ISSN, **0975-2425**, Vol. 8, Issue, 4, pp. 99-105.
- V. M. Ravi Kumar, History of Environmental History: A Historiographical Review, in International Journal of Interdisciplinary and Multi-Disciplinary Research, Vol, No. 2, February, 2017, pp. 168-177, ISSN NO. 2456-4567.
- V.M. Ravi Kumar, and L.C. Malliah, Land and Dalits: An Analysis on Ambedkar's Vision on Dalit Development, Indian Economic Journal, Issue, special issue, 1, 2017, ISSN, 00194662, pp.232-232.
- V. M. Ravi Kumar, History of Indian Environmental Movement: A Study of Dr B.R. Ambedkar from the Perspective of Access to Water, in Contemporary Voice of Dalit, Vol, 8, Issue, 2, 2016, pp, 239-24, ISSN. No. 2455-328x
- V.M. Ravi Kumar, Dreaming Modern India:

Perceiving Modern India from the perspective of Ambedkar, in Indian Journal of Dalit and Tribal Studies, vol. 4, I. 1, Jan-June, 2016, pp. 42-54, ISSN. No. 2348-1757.

Dr. Renu Pandey

- International Journal of Social Science and Development Policy" published by BBAU "Crusaders for development of female education in colonial India: A case study of Savitribai Phule" in 2016
- Contemporary Voice of Dalit SAGE Publications Phule and Gandhi on Education: A Comparative Analysis of their Social Ideologies 2016

3. National Conference/Journals/Paper presentation

Dr. Shura Darapuri

- Paper: "Dr Ambedkar and Women's Rights" in a two-day National Seminar on "Ambedkar and Modernity," organized by Dr Ambedkar Chair, Center for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi on 18th March 2016.
- Paper: "Dr Ambedkar and the Emancipation of Women" in the National Seminar on "Visualization of Dr Ambedkar for Empowerment of Women in India: Issues and Prospects," organized by Committee of Basic Facilities for women, BBAU, Lucknow, on 8th-9th March 2016
- Paper: "Education for Inclusive Society-Dr Ambedkar's way," in National Seminar on "Ambedkar's Vision on Inclusive Society" (AVIS-2016) organized by Centre for the Study of Social Exclusion and Inclusive Policy, BBAU, Lucknow on 19th February 2016
- Paper: Dr Ambedkar's Perspective on Development" in National Seminar on "Politics of Development in India" organized by Department of Political Science, BBAU, Lucknow on 12th-13th February, 2016
- Paper: "Social Media and Freedom of Speech and Expression" in National Seminar on "Freedom of Speech and Expression: Contemporary Issues and Challenges" organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 30th-31st March 2016

Dr. V. M. Ravi Kumar

- V.M. Ravi Kumar, Ambedkar's Vision on Land and Dalits, Panel Lecture, delivered in National Seminar, Dr. B.R. Ambedkar Vision and Mission: Looking Back and Looking Ached, organized by Hyderabad Central University, March 2017.
- V. M. Ravi Kumar, Gendering Ecology: A study of Indian Forest Policy, paper presented in tow day National Seminar Organized by Department of Political Science, BBAU, 2017 Feb.
- V. M. Ravi Kumar, Globalization and its impact on Social Ecology: A Study of Dalits in Utter Pradesh, presented in National Seminar organized by Department of Sociology, MBS.P.G. College, Varannasi, UP on Nov 12-13, 2016.

Dr. Renu Pandey

- Presented a Paper on "Women writings in colonial India" in RCA seminar, BBAU in 2016
- Presented a Paper "Emergence of Pandita Ramabai's Feminism: A Reading of High Caste Hindu Woman", Organised by Dept. Of Political Science, BBAU, on the theme of "Discourses on Gender and Power , Gender Discrimination in Contemporary India: Issues and Challenges" 11-12 feb.2017
- Co-chaired the Business Session1 "Discourses on Gender and Power" in two-day National Seminar on Gender Discrimination in Contemporary India: Issues and Challenges on 11-12 February,2017 , Dept. Of Pol.Sc., BBAU,
- Organised and co-ordinated and done compeering the Two days national symposium held at BBAU celebrating 125th anniversary of Ambedkar
- Acted as an Organising Secretary in National symposium on "Dr. Ambedkar's Vision of Social Justice: An Unfinished Project" (9th January,2016), BBAU.

4. International Conference/Journal/Paper Presentation**Dr. Shura Darapuri**

- Paper: "Impact of Globalization on the Health" in Two-Day International Seminar on "Globalization, Environment and Social Justice: Perspectives, Issues and Concerns" organized by the Department of Sociology, BBAU, Lucknow in collaboration with ASEDS, Lucknow, on 15th-16th

February 2016.

- Paper: "Ambedkar and Social Justice," in International Conference on "Changing Paradigm of Management Practices for Sustainable Development" organized by the School of Management Studies, BBAU, Lucknow on March 5th-6th 2016

Dr. Renu Pandey

- Presented a Paper entitled, "Gendering Globalization: A Feminist perspective", International seminar on "Globalization, Environment and Social Justice: Perspectives, Issues and Concerns", 15th Feb. 2016.
- Presented a Paper entitled, "Savitribai Phule and Pandita Ramabai; social ideologies", in the international seminar on the theme of "Revisiting modern social thinkers" held at BBAU on 12-13 Apr.2017

5. Invited Speaker/Session Chaired in National/International Conferences details**Prof. S. Victor Babu**

- Delivered lectures in Research Methodology, at Dept of History, Banasthali Vidyapeet, Japipur, Rajasthan, Feb. 20, 2017.
- Chaired a plenary session in the International seminar on 'Revisiting Modern Indian Thinkers in Contemporary Context' held on 13th &14th April, 2017 at B.B.Ambedkar University, Lucknow.

Dr. Shura Darapuri

- **Co-chaired session** (2nd),in the National Seminar on 'Visualization of Dr Ambedkar for Empowerment of Women in India: Issues and Prospects," organized by Committee of Basic Facilities for women, BBAU, Lucknow, on 8th-9th March 2016
- **Chaired a session** in National Seminar on "Ambedkar's Vision on Inclusive Society"(AVIS-2016) organized by Centre for the Study of Social Exclusion and Inclusive Policy, BBAU, Lucknow on 19th February 2016

Mr. B. N. Prasad

- Cultic Encounters between Buddhism and Brahmanism in Early Medieval Bihar: An

Archaeological Perspective'. Lecture delivered at the **Nehru Memorial Museum and Library, New Delhi**, on 08.03. 2017.

Dr. Renu Pandey

- Seminar on Gender Discrimination in Contemporary India: Issues and Challenges on 11-12 February, 2017, organised by Dept. Of Political Science., BBAU,
- Acted as an Organizing secretary in the workshop organized by Residential Coaching Academy in March 2016
- Organised the cultural program and anchored the cultural event in SAUFEST held at B.B.Ambedatkar University, 25-29 feb. 2016

6. Membership/Fellowship of Professional/Academic Bodies (if any)

Prof. S. Victor Babu

- Indian History Congress A.M No. 17065
- Northeast History Congress

- Andhra Pradesh History Congress

Dr. Shura Darapuri

- Indian History Congress
- All India Rights Organization
- Maha Bodhi Society

Dr. Renu Pandey

- Indian History Congress A.M No. 25721

7. Google Scholar Profile

Prof. S. Victor Babu

- Google Scholar Profile (if available) : Yes

Dr. Renu Pandey

- Google Scholar Profile (if available) : Yes

8. Any Other remarkable information

Dr. Renu Pandey

- Done Orientation course from ASC-Lucknow University by U.G.C. 02-08-16 to 31-08-16

DEPARTMENT OF POLITICAL SCIENCE

Introduction of the Department

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. The department has six teachers and around fifty students. 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 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 the 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 political science which offers courses in public policy and governance issues.

Presently, the department is offering Master's and PhD programmes in Political Science.

The Department has been highly active in organizing academic activities like seminar, conferences and workshops. The faculty members organized some of 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 quality teaching with regular upgradation 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 political theory an thought, Indian politics, comparative politics, public administration and international politics.
- To promote comprehensive and interdisciplinary

knowledge in both teaching and research by emphasizing inter-linkings between various political, economic and social issues and challenges.

- To make teaching in political science 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.

Department Level Academic Activities:

- National Seminar on “**Gender Discrimination in India: Issues and Challenges**” from 11-12, February, 2017
- A special lecture on “**Roots of Citizens Well-being in India**” deliver by Dr. Himanshu Jha, Heidelberg University, Germany in September, 2017.

Course offered/New Course:

- M.A Political Science, PhD Political Science

Visitors of the Department:

- Prof. Henrik Bercklund, Stockholm University, Sweden

Future Plans of the Department:

- To get assistance under UGC-SAP
- 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

Research Project in Political Science

- Project Coordinator- Prof. Sartik Bagh; Major Research Project of Rs.50 lakhs (Completed) funding agency- ICSSR, New Delhi
- Project Coordinator- Prof. Ripu Sudan Singh; Major Research Project of Rs. 6 lakhs (ongoing) funding agency- ICSSR, New Delhi
- Project Coordinators- Dr. S. K. Pandey, Prof. Sartik Bagh & Dr. Siddhartha Mukerji, Joint Collaborative project with Stockholm University, Sweden of Rs. 5 lakhs (ongoing)
- NIRD Project, Hyderabad Master assessor: Dr. S.K. Pandey

Publications/Journals by the Faculty:

- **Dr. S.K. Pandey**, "India's Tryst With Democracy: Changing Contours of Politics, Economy and Society" (2017), Concept Publishers, New Delhi
- **Dr. Siddhartha Mukerji**, "Land Acquisition in Contemporary India: The Growth Agenda, Legislation and Resistance", *Indian Journal of Public Administration: Sage Publications*, March 2017, 63 (1)
- **Dr. Preety Choudhari**, "Challenge in Implementation of Rights based Policy: A Critical Evaluation of Role of PRIs in MGNREGA Implementation in Uttar Pradesh" (2016), *International Journal of Social Science & Development Policy*, Excel India Publisher, New Delhi
- **Dr. Preety Choudhari**, "lar Jh f" koujk; k% thou] izHkko ,oa izklafxdrk" "HkfDr dh laLd` fr vkSj mldk jktuhfrd Loj" editor "cnzhujk;k" (2017), lfgR; Hk.Mkj
- **Dr. Preety Choudhari**, "Dr. Ambedkar View's and thoughts on Education " (2016), *Dr. Ambedkar An Ultimate Visionary of the Era*, Narendra Publishing House, New Delhi

Fellowship of Faculty:

- **Dr. Siddhartha Mukerji** awarded the Baden-Wurtemberg Fellowship, Department of Political Science, South Asia Institute, Heidelberg University, Germany.
- **Dr. Preety Choudhari**, UGC-IUC, IAS Fellowship

Student Placement/Achievements

- Miss. Kanak Priya appointed as Lecturer in Department of Political Science, Patna Women's College, Patna University
- Manoj Chaudhari secured the National Overseas Fellowship, Government of India to do PhD at Leiden University

DEPARTMENT OF SOCIOLOGY

Introduction of the Department

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 marginalized sections of society. The UGC sanctioned **Special Assistance Programme (SAP)** to the Department in year 2011-12 in the thrust area 'Globalization, Social Transformation & Environment'.

Courses offered/ New Courses- M.A, M.Phil & Ph.D Programmes

I. Accomplishments of Students

1. One student selected as a lecturer to the Govt. School/College.
2. One student selected as Assistant Professor in the Higher Education Commission U. P.

Faculty wise supervision of the Ph.D. and M.Phil Student

1. **Prof. Kameshwar Choudhary-**
Ph.D.- 04 and M.Phil- 03
2. **Prof. Bibhuti Bhushan Malik-**
Ph.D.- 07 and M.Phil- 02
3. **Prof. Manish K. Verma-**
Ph.D.- 05 and M.Phil- 02
4. **Dr. Birendra Narain Dubey-**
Ph.D.- 07 and M.Phil- 02
5. **Dr. Jaya Shrivastava-**
Ph.D.- 07 and M.Phil- 05
6. **Dr. Brajesh Kumar-**
Ph.D.- 05 and M.Phil- 05

Co-curricular/extra-curricular/conferences event organized by the Department

1. Organized ICSSR sponsored Two day National Seminar on "Globalisation and Youth India Perspectives, Issues and Challenges" March 06-07, 2017 at Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

Academic details /activities of the Faculty of Department of Sociology under following heads.

Faculty Details

Sr. no.	Name	Designation	Qualification	Area of Specialization	Email I.D.
1.	Kameshwar Choudhary	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Globalization; Development Perspectives; Sociology of Education; Sociological Theory	kames.c@gmail.com
2.	Bibhuti Bhushan Malik	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Ecology and Environment; Sociological Theory; Sociology of Poverty and Economic Deprivation	bbmalik57@gmail.com
3.	Manish Kumar. Verma	Professor & Head	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Environment and Development; Globalization, Environment & Social Justice; Tourism; Social Thinkers; Urbanization and Urban Ecology	mkvbbau@gmail.com

Sr. no.	Name	Designation	Qualification	Area of Specialization	Email I.D.
4.	Birendra Narain Dubey	Associate Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Education; Tribal Sociology; Education Policy, Social Justice	dubeybbau@gmail.com
5.	Jaya Shrivastava	Associate Professor	M.A.(BHU), Ph.D.(VKSU) Post Doctorate (University of Houston – Clear Lake, Texas, USA)	Gender Studies; Social Gerontology; Human Rights and Social Justice; Research Methodology	jayabbau@gmail.com
6.	Brajesh Kumar	Assistant Professor	M.A., Ph.D. (BHU, Varanasi)	Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education	bksocio@gmail.com

1. Award & recognition (if any)

Prof. Kameshwar Choudhary

'Professor L. P. Vidyarthi Memorial Award – 2017' by Indian Social Science Association.

Dr. Jaya Shrivastava

Awarded Honorary Fellowship-2017 by Indian Social Science Association (ISSA) for laudable efforts to develop social sciences in the country through contemporary research and publication on the occasion of golden jubilee year of ISSA and centenary celebration of BHU on February 10th, 2017.

Members of Board/ Committee (outside BBAU)

Prof. Kameshwar Choudhary

Board of Studies, Deptt. of Sociology, AMU, Aligarh

Board of Studies, Deptt. of Sociology, University of Lucknow, Lucknow.

Prof. Bibhuti Bhushan Malik

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

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

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

Indian Sociological Society

Marathi Samaj Shashtra Parishad

Prof. Manish Kumar Verma

Member of the "Institutional Ethics Committee" SGPGI, Lucknow

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

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

Member, Editorial Board, journal 'Research Process', Aurangabad, Maharashtra

Member, International Sociological Association (ISA)

Managing Committee Member, Indian Sociological Society (ISS)

Life Member, Indian Sociological Society (ISS)

Life Member, Rajasthan Sociological Association (RSA)

Deputy Coordinator, UGC-SAP, BBAU, Lucknow

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

Course-Coordinator, Sikkim Manipal University

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

Member, Advisory Board, journal 'Abhisaran', Bid, Maharashtra

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

Dr. Birendra Narain Dubey

Member, International Sociological Association (ISA)

Member, Indian Sociological Society (ISS)

Member, Comparative Education Society of India (CESI)

Member, Indian Teachers' Association (ITA)

Member, Association of the Socio-Economic Development Studies (ASEDS)

Member, Advisory Board of Journal-Nagrik, Uttar Pradesh.

Member, All Indian Rights Organisation

Convener, Research Committee 05, Education and Society, Indian Societies Society (ISS)

Dr. Jaya Shrivastava

Life Member, Indian Sociological Society.

Member, American Sociological Society.

Life Member, Asian Association of Women's Studies.

Life Member, Indian Association of Women's Studies.

Life Member, Indian Social Science Academy.

Life Member, Indian Social Science Association.

Life Member, ASEDS

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

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

Member, Editorial Board, Research Post Journal, Jaipur.

Dr. Brajesh Kumar

Lifetime Member, Indian Sociological Society, New Delhi

Lifetime Member, Indian Association of Teacher Educators, Bareilly

Member, National Editorial Advisory Board, Journal of Social Welfare and Management, Delhi

2. Details of Project Sanctioned/ Executed (during 01.04.2015-to 31.03.2016)

Nil

3. Research Publication (s)

a. Book (s) Book(s)/ Book Chapter (s) authored/ Edited Book monograph (s) (if any)

Dr. Bibhuti Bhushan Malik

"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

Prof. Manish Kumar Verma

"Peri-Urban Environment", book published from Winshield Press, Delhi, 2017.

"Gandhi and Modernity: An Inquest in the 21st Century". Chapter published in Prof. Anand Kumar edited book, Gandhian Way in the Era of Globalization, Winshield Press, Delhi, 2016

"Development, Food Insecurity and Health Predicaments: A Study of Bundelkhand Region of Uttar Pradesh." Chapter published in "Communities and Social Development in India", book by Rabindra Garada (ed.), Avon Publications, Delhi, 2016

Dr. Birendra Narain Dubey

2017. Veer Damodar Savarkar: An Analysis of his Social Thoughts in the book titled "A Renaissance of Indian Global Thinkers" Edited by Prof. R.C. Solti.

University Grants Commission-Consortium for Educational Communication Programme (UGC-CEC Programme)

- i. 2016. Development and Society
- ii. 2016. Development and Social Change
- iii. 2016. Role of NGOs in the Development of Society

Dr. Jaya Shrivastava

Shrivastava, Jaya (2016). New Sites of Production and People's Resistance in India, UGC & MHRD (For E-PG Pathshala).

Shrivastava, Jaya (2017). Book chapters (Units 1.6, 2.3.4, 3.2 to 3.3.3) for Political Sociology, Tripura University (ISBN: 9789352597703)

Developed two modules/E-contents for Educational Multi Media Research Centre, Babasaheb Bhimrao Ambedkar University in collaboration with Jamia Millia Islamia, New Delhi. The programme is produced as part of NME-ICT project of CEC, New

Delhi (2017). These modules are as follows:

1. Research Methodology
2. Research Design

b. Paper Published

Prof. Bibhuti Bhushan Malik

“Sociology and Environmental Sustainability: A Study of Fragile Ecology, Health Risks and Population Pangs by Rani Mehta, Jaipur: Rawat Publications, 2014” *Sociological Bulletin*, Volume 65, No.2 May-August 2016

Prof. Manish Kumar Verma

“Development Induced Displacement, SEZs and the State of Farmers in India: Some Insights from the Recent Experiences.” **Published in Journal of the Human Rights Commission, India, New Delhi, Vol. 15, 2016 (ISSN 0973-7596)**

Dr. Birendra Narain Dubey

2017. Nutritional Problems among Children in Urban Slums. *Man in India*, Vol.97, No. 2, March-April 2017, ISSN: 0025-1569.

2017. Dalits in the Era of Globalization: A Sociological Study of a Village in Amethi District of Uttar Pradesh, *Man in India*, Vol.97, No. 2, March-April 2017, ISSN: 0025-1569.

2016. Contextualizing Community Mobilization in UP. *Upstream International Journal*, Vol. IV Issue II, April 2016. ISSN: 2321-0567.

Dr. Jaya Shrivastava

Shrivastava, Jaya. “Mapping the Trend of Rapes in Punjab and Haryana”, *Indian Journal of Research*, Vol.: V, Issue V, May-2016.

Dr. Brajesh Kumar

“Social Interaction and Young People’s Transition to Higher Education in Varanasi District”, *Journal of Social Welfare and Management*, Vol8 (2), 2016, pp. 57-62

c. National Conference/ Journals/ Paper presentation (if any)

Prof. Bibhuti Bhushan Malik

Presented Paper “*Ambedkar’s ideas of Democracy and Just Society*” Organised by Dr. Ambedkar Chair, Center for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi, 29-30 March 2017.

Presented Paper *Sustainable Agriculture and Climate Change: A Sociological Analysis* -at Etawah, Organized by Department of Agronomy, Janta College, Bakewar, Etawah, Uttar Pradesh, 18- 19 March 2017.

Prof. Manish Kumar Verma

Presented a paper on, “**Emerging Trends in Sociology in India: Nature and Directions**” in the 42nd All India Sociological Conference on, “**Rethinking Sociological Traditions in India**” organized by Indian Sociological Society at the Department of Sociology, Tezpur University, Tezpur, Assam on Dec’ 27-30, 2016.

Presented a paper on the topic, “**Development, Displacement and Social Movements**” in a National Seminar on the topic, “**Social Movements: Trends and Directions in Contemporary India**” held at Department of Sociology, Savitri Bai Phule University, Pune on June’ 13-14, 2016.

Dr. Birendra Narain Dubey

Higher Education and Vulnerability among Youth at national seminar on the theme of Globalization and Youth in India: Perspectives, Issues and Challenges organized by the Department of Sociology, BBAU, March 6-7, 2017.

Higher Education and Vulnerability among Students enrolled under Self Finance Courses: A Study of Lucknow University at 42nd All India National Conference on Rethinking Sociological Tradition of India organized by Indian Sociological Society and Tezpur University, Tezpur, December, 27-30, 2016.

Dr. Ambedkar, Revolutionary Democracy and Social Transformation in India: A Sociological Analysis of “Shadow Society” at National Seminar on Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21st Centaury organized by BBAU, Celebrating the 125th Birth Anniversary of Dr. B. R. Ambedkar, BBAU, Lucknow. April 14, 2016.

Dr. Jaya Shrivastava

Shrivastava, Jaya (2017). “Gender Differences in B.P.O. Industry: A Study of Work Satisfaction among Young Men and Women” in a National Seminar on “Globalisation & Youth in India: Perspectives, Issues and Challenges” at BBAU, Lucknow, 6th-7th March, 2017.

Shrivastava, Jaya (2017). “Engagements with Gender Issues in Social Sciences” at ICSSR sponsored all India conference on “Gender Discrimination in Contemporary India: Issues and Challenges” at BBAU, Lucknow, Feb. 11-21, 2017.

Shrivastava, Jaya (2017). "Issue of Gender Inequality in Higher Education and Development in India" at ICSSR sponsored all India conference on "Rethinking Development: Social Development Today-State, Industry, Civil Society in India" at BHU, Varanasi, Feb. 10-11, 2017.

Shrivastava, Jaya (2016). "Woman Empowerment and Social Change during XII Plan" at ASEDs sponsored national conference on "Socio-Economic Progress during XIIIth Plan" at BBAU, Lucknow, Dec. 15-16, 2016.

Dr. Brajesh Kumar

"Maternal Health Care Deprivation in India: Some Evidences from India Human Development Survey", National Seminar on "Gender Discrimination in Contemporary India: Issues and Challenges", Organised by the Department of Political Science, B. B. Ambedkar University, Lucknow, February 11-12, 2017

"Gender Differences in BPO Industry: A Study of Work Satisfaction among Young Men and Women" National Seminar on "Globalisation and Youth in India: Perspectives, Issues and Challenges", Organised by the Department of Sociology, B. B. Ambedkar University, Lucknow, March 06-07, 2017

d. International Conference/ Journals/ Paper presentation (if any)

Prof. Bibhuti Bhushan Malik

Presented Paper *Access to Civil Amenities of Dalits in Eastern Uttar Pradesh: The Poverty Question or Social Exclusion* at International Conference of 3rd ISA Forum of Sociology at Vienna University, Vienna, Organized by International Sociological Society, 10-14 July 2016

Presented Paper *Poverty, Lean Period of Food Availability and Scarcity: A Case of Dalit of Eastern Uttar Pradesh, India*, at International Conference of 3rd ISA Forum of Sociology at Vienna University, Vienna, Organized by International Sociological Society, 10-14 July 2016

Presented Paper *Poverty, Education and Empowerment of Dalits: A Sociological Exploration* at International Conference of IAC-TLEI 2016 in Budapest, Hungary 8-9 July 2016, Organised by Czech Technical University in Prague.

Presented Paper *Economics of Poverty and Social Exclusion of Dalits in Eastern Uttar Pradesh, India* at International Conference of IAC-MEM in Bratislava, Slovakia 6-7 July 2016, Organised by Czech Technical

University in Prague

Dr. Birendra Narain Dubey

Contextualizing Community Mobilization in Uttar Pradesh: An Analysis of Unnao District , UPSTREAM Research International Journal, Volume V, Issue II, April-2016.

Dr. Jaya Shrivastava

Shrivastava, Jaya (2017). "Understanding Lohiaite Feminism" in an International Seminar on "Revisiting Modern Indian Thinkers in Contemporary Contexts" at BBAU, Lucknow, 6th-7th March, 2017.

5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (if any)

Dr. Jaya Shrivastava

Participated in the Workshop cum Awareness Campaign on Consumption of Foods High in Fat, Salt and Sugar (HFSS) for Young ad Adolescents organized by the National Institute of Public Cooperation and Child Development Regional Centre, Lucknow on 31st March, 2017.

6. Invited Speaker/Session Chaired/in National/International Conferences details (if any)

Prof. Kameshwar Choudhary

Delivered Keynote Address at the Inaugural Session of National Seminar on "Development of Marginalized Sections of Society: Reflections on Uttar Pradesh", organized by Deptt. of Sociology, University of Lucknow, 9-10 November 2016.

Delivered lecture as Resource Person on "Mixed Research Methods in social sciences" at Methodology Training Programme in Social Sciences, organized by Giri Institute of Development Studies, Lucknow, 25 March. 2017.

Delivered Valedictory Address at National Seminar on "Modernity, Nation and Democracy in Contemporary India: Ambedkar's Vision", at Centre for the Study of Social Systems, School of Social Sciences, JNU, New Delhi, March 29-30, 2017.

Co-chaired a technical session at International Conference on "Politics, Society and Culture in South Asia", organized by Ethnographic and Folk Culture Society, Lucknow and hosted by Deptt. of Sociology, University of Lucknow, Lucknow, 3-5 March 2017.

Chaired Panel Discussion on "Globalisation, Inequality and Youth in India" at National Seminar on Globalisation and Youth in India: Perspectives, Issues and Challenges, organized by Deptt. of Sociology, B.B. Ambedkar (Central) University, Lucknow, 6-7 March 2017.

Prof. Bibhuti Bhushan Malik

Invited as Guest of Honour to speak on the Eve of Dr. Ambedkar Jayanti, *Ambedkar: Democracy and Modern India*, at Duda Colony, Lucknow on 23 April 2017

Invited as Guest of Honour to speak on the Eve of Dr. Ambedkar Jayanti, *Ambedkar: A Visionary of Modern India*, HNG University, Srinagar on 14 April 2017

Delivered a Special Lecture on "Social Exclusion and Indian Society", at Lucknow University on 17 May 2017

Delivered a Lecture on "Educational Scenario of Dalits in India" as Resource Person Organised by Department of Education, Mahatma Gandhi Kashi Vidyapith, Varanasi, 6-7 May 2017.

Delivered Lecture on *Research Question and Content Analysis* in two sessions as Resource Person at Ten Days Research Methodology Capacity Building Programme for SC/ST Students, organized by Deptt. of Sociology, BHU, Varanasi on 26 April 2017

Delivered Lecture on *Exclusionary Perspectives and Subaltern Methodology* in two sessions as Resource Person at Seven Days National Workshop on Research Methodology for Dalit Studies, organized by Centre for Study of Social Exclusion and Inclusive Policy, Banaras Hindu University, Varanasi on 18 January, 2017

Prof. Manish Kumar Verma

Chaired a session on, "Revisiting Indian Social Thinkers" in an international seminar on, "Revisiting Indian Social Thinkers" organized by Babasaheb Bhimrao Ambedkar University, Lucknow on April' 13-14, 2017.

Delivered a Lecture in a Plenary Session on the topic, "Development Disparity and Intolerance: Issues and Challenges in 21st Century India" in a national Seminar on, "Trends and Issues in Social Development" organized by Center for Advanced Studies, Department of Sociology, Panjab University, Chandigarh on March 2-3, 2017.

Chaired a session on, "Engagement with Gender Issues in Social Sciences" in a national

seminar on, "Gender Discrimination in Contemporary India: Issues and Challenges" organized by Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow on Feb' 11-12, 2017.

Chaired a session on, "Ethnicity and Minority Studies" in the 42nd All India Sociological Conference on, "Rethinking Sociological Traditions in India" organized by Indian Sociological society at the Department of Sociology, Tezpur University, Tezpur, Assam on Dec' 27-30, 2016.

Delivered a Lecture as Key Note Speaker on the topic, "Social Responsibility in Disaster Management" in a national Seminar on, "Social Responsibility in Disaster Management" organized by Yeshwantrao Chavan College of Arts, Commerce and Science, Sillod, Aurangabad, Maharashtra on Nov' 25-26, 2016.

Delivered a Lecture as Resource Person on the topic, "Development Disparity, Marginality and Social Movements: Contemporary Trends in India", at UGC-Human Resource Development Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 26th Nov' 2016 for the participants of Special Winter School Programme organized from Nov' 15, 2016 to Dec' 3rd 2016.

Chaired a session on, "Law, Ethics and Society" in a national seminar on, "Law and Ethics in Public Domain: Contemporary Issues and Challenges in India" organized by Department of Law in collaboration with Sociomers Foundation at Babasaheb Bhimrao Ambedkar University, Lucknow on Nov' 23, 2016.

Delivered a Lecture as Resource Person on the topic, "Development, Marginalization and Issues of Displacement", at UGC-Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur on 2nd July' 2016 for the participants of Refresher Course in Information & Communication Technology.

Delivered a Lecture as Resource Person on the topic, "Environmental Movement" at UGC-Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur on 2nd July' 2016 for the participants of Refresher Course in Information & Communication Technology.

Chaired a session on, "Social Movements:

Recent Trends in India” in the National seminar on, **“Social Movements: Trends and Directions in Contemporary India”** held at Department of Sociology, Savitri Bai Phule University, Pune on June’ 13-14, 2016.

Delivered a Lecture as Resource Person on the topic, **“Research Proposal”**, at **Giri Institute of Development Studies**, Lucknow in ICSSR sponsored Two Weeks capacity Building Programme for Faculty Members in Social Sciences during 30 May – 12 June, 2016.

Delivered Lecture as **Resource Person** on, **“Development, Displacement and Tribal Livelihood”** in a seminar on **“Aadi Utsav”** jointly organized by Mandla Tourism Promotion Council, District Administration Mandla and the Government of Madhya Pradesh on April 10-11, 2016.

Dr. Birendra Narain Dubey

Chaired technical session V on Globalization, Political Engagement, Protests and Youth in India at national seminar on the theme of Globalization and Youth in India: Perspectives, Issues and Challenges organized by the Department of Sociology, BBAU, March 6-7, 2017.

Delivered a lecture on Ethnographical Perspectives in Social Science Research during ICSSR sponsored Workshop on Research Methodology for Ph.D students in Social Sciences organized by Department of Education, University of Lucknow, March, 20-29, 2017.

Delivered a lecture on Phenomenological Perspectives in Social Science Research during ICSSR sponsored Workshop on Research Methodology for Ph.D students in Social Sciences organized by Department of Education, University of Lucknow, March, 20-29, 2017.

Chaired a parallel session on December, 28, 2017 (2:30-4:30PM) at RC 05 Education and Society of 42nd All India National Conference on Rethinking Sociological Tradition of India organized by Indian Sociological Society and Tezpur University, Tezpur, December, 27-30, 2016.

Chaired Technical session III on Economic Perception & the Material World, Social Consciousness and Change at International seminar on the theme of Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21st Centaury organized by

BBAU, April 14, 2016.

Dr. Jaya Shrivastava

Chaired a technical session on sub theme **“Globalisation, Youth and Social Policy: Trends, Limitations and Challenges”** in a two day national seminar on **“Globalisation and Youth in India: Perspectives, Issues and Challenges”** at BBAU, Lucknow, 6th-7th March, 2017.

Co-chaired a technical session on sub theme **“Growing Up in a Globalising India: Youth Culture, Lifestyles and Identity”** in a two day national seminar on **“Globalisation and Youth in India: Perspectives, Issues and Challenges”** at BBAU, Lucknow, 6th-7th March, 2017.

Co-chaired a technical session in a two day national seminar on **“Gender Discrimination in Contemporary India: Issues and Challenges”** at BBAU, Lucknow, Feb.11-12, 2017.

Delivered four lectures as a resource person on **“Research Methodology”** at course work for Ph.D. Scholars at Bundelkhand University, Jhansi during Feb. 21-22, 2017.

Delivered a lecture as a resource person on **“Research Design and Qualitative Research”** at four day orientation programme in social sciences for research scholars and faculty members belonging to ST and other marginalized groups organized by Giri Institute of Development Studies during Feb. 23rd-26th, 2016. The programme was sponsored by Indian Council for Social Science Research, New Delhi.

Chaired a technical session on **“Globalisation and Challenges of Privatization of Education”** in two day National Seminar on **“Privatization of Education and Social Justice in India”**, organized by Dept. of Sociology, BBAU, November 16-17, 2015.

7. Research guidance (if any)

Prof. Kameshwar Choudhary	Yes
Prof. Bibhuti Bhushan Malik	Yes
Prof. Manish Kumar Verma	Yes
Dr. Birendra Narain Dubey	Yes
Dr. Jaya Shrivastava	Yes
Dr. Brajesh Kumar	Yes

8. Membership/Fellowship of Professional/ Academic Bodies

Prof. Kameshwar Choudhary

Board of Studies, Deptt. of Sociology, AMU, Aligarh

Board of Studies, Deptt. of Sociology, University of Lucknow, Lucknow.

Indian Sociological Society (ISS)

Indian Social Science Association (ISSA)

Indian Academy of Social Sciences (IASS)

Prof. Bibhuti Bhushan Malik

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

Member, International Sociological Association (ISA)

Life Member, (LM845), Marathi Samajshatryiy Parishad, Maharashtra.

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

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

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

Member, Advisory Board, Samudayik Kalyan Avam Vikas Sansthan, Kushinagar.

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

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

Indian Sociological Society

Marathi Samaj Shashtriya Parishad

Prof. Manish Kumar Verma

Member, Academic Council, BBAU, Lucknow

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

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

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

Member, International Sociological Association (ISA)

Managing Committee Member, Indian Sociological Society (ISS)

Life Member, Indian Sociological Society (ISS)

Life Member, Rajasthan Sociological Association (RSA)

Deputy Coordinator, UGC-SAP, BBAU, Lucknow

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

Course-Coordinator, Sikkim Manipal University

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

Member, Advisory Board, journal 'Abhisaran', Bid, Maharashtra

Member, Editorial Board, journal 'Research Process', Aurangabad, Maharashtra

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

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

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

Member, Editorial Board, journal 'Research Process', Aurangabad, Maharashtra

Dr. Birendra Narain Dubey

Convener : RC 05 Education and Society, Indian Sociological Society

Life Member, International Sociological Association

Life Member, Indian Sociological Society

Life Member, Comparative Education Society of India

Life Member, Indian Teachers' Association

Life Member, Association for Socio-Economic Development

Life Member, All Indian Rights Organization

Life Member, Association of the Socio-economic Development Studies (ASEDS)

Member, BPGS, Department of Sociology, BBAU, Lucknow

Member, School Board, School, Ambedkar Studies, BBAU, Lucknow

Dr. Jaya Shrivastava

Life Member, Indian Sociological Society

Life Member, American Sociological Society

Life Member, Asian Association of Women's Studies

Life Member, Indian Association of Women's Studies

Life Member, Indian Social Science Academy

Life Member, ASEDS, Lucknow

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

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

Member, Editorial Board, Research Post Journal, Jaipur.

Dr. Brajesh Kumar

Lifetime Member, Indian Sociological Society, New Delhi

Lifetime Member, Indian Association of Teacher Educators, Bareilly

Member, National Editorial Advisory Board, Journal of Social Welfare and Management, Delhi

9. Google Scholar Profile

Prof. Kameshwar Choudhary Yes

Prof. Bibhuti Bhushan Malik Yes

Prof. Manish Kumar Verma Yes

Dr. Birendra Narain Dubey Yes

Dr. Jaya Shrivastava Yes

CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

D. Introduction of the Department:-

The Center for the Study of Social Exclusion and Inclusive Policy (CSSEIP) visualized building Indian society to achieve its egalitarian objective. The center stand as a harbinger of social transformation by creating an avenue which will be known for her distinctiveness, originality, creativity and Innovation

both in teaching and research. It's central attraction is Inclusive development and sustain development through inclusion (of marginalized community of different kinds and categories) and preserving and promoting harmony, peace, equity and justice in Indian Society through the application interdisciplinary Knowledge.

A. Academic Staff Details

S.N	Name	Designation	Qualification	Area of Specialization
1	Dr. Prasamita Mohanty	Associate Professor-cum-Deputy Director	M.A. (Education) M.A(Eng.) M.Phil (Edn.) Ph.D.(Edn.), MBA (Edn.Mgmt.)	Education of Disadvantaged sections- SC Girls/Muslim Girls, Primary Education, Teacher Education, Educational Management, Inclusive Education & Co-relates of Achievement.
2	Rudra Prasad Sahoo	Assistant Professor-cum-Assistant Professor	M.A.(Pol.Sc.), M.Phil	Ideology, Democratic Institution: Theory and Practices
3	Bibekanand Nayak	Assistant Professor-cum-Assistant Professor	M.A.(Sociology), M.Phil,	Sociology of Social exclusion of Tribal and Dalit,Sociology of Rural Development, Sociology of Ecology Health and Development.
4	Dr. Sangeeta Krishna	Assistant Professor-cum-Assistant Professor	M.A., Ph.D.(History)	Indian History: Social and Contemporary History and Gender Studies.
6	Dr. Md. Reyaz Ahmad	Research Associate	M.A.(Public Administration.), Ph.D.	Public Policy and Governance, Exclusion of Muslims Minority.

Department Level Academic Activities:

Annexure-1

The main activity of CSSEIP at BBAU, Lucknow is in accordance with function laid down in UGC Guideline. The main activities of the center are as follows.

1. Prepared syllabus for M.A Development Studies.
2. Prepared and approved syllabus for M.Phil/Ph.D integrated programme
3. Undertaken various project of contemporary relevance on the issue of exclusion/inclusion funded by different agencies such as UGC, ICSSR, ICHR, ICPR
4. Organizing seminar/ conference/symposium form time to time
5. Publishing research finding in different journals and books
6. Organising periodic lectures on the issue of exclusion/inclusion delivered by eminent scholar
7. Invite young faculty from different university to deliberate upon the issue of contemporary relevance
8. Established link with NGO and sharing their experience in combating exclusion in the society
9. Organizing different programme to sensitizing the campus on issue relating to exclusion/inclusion
10. Undertaken pilot study to engaged staff of the center in action bas research in the near by locality. And community enrichment and development programme. But lack of function creating hindrances to achieve our goal

Co-curricular/Extra-curricular/conferences event organized by the Department -:

Dr. Prasamita Mohanty

- Organized National Conference on Forging the Future on Inclusive Education : Strategic Dialogue and Evidence Based Practices on 7 March 2017

Dr. Sangeeta Krishna

- As Member, Organising Committee organised Retrieving International seminar on modern Indian Thinkers organised Babasaheb Bhimrao

Ambedkar University, Lucknow , April 13-14, 2017

- As Organising Secretary organised one-day National seminar on Ambedkar's Vision on Inclusive Society on February 19, 2016

Dr. Md. Reyaz Ahmad

- Member of Organizing Committee of an International Seminar on " *Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21st Century*" organized by School for Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, on 07-09 March 2016.
- Member of Organizing Committee of an International Seminar on ' *Revisiting Modern Indian Thinkers in Contemporary Context*' organised by the BBAU, Lucknow date 13-14 April 2017

Future Plans of the Department, if any -: Start course M.A/M.Phil/PhD

Research projects

Ongoing Project-01

- Status and Problems of Primary Education of Muslims Minority Girls and Policy Implication - A Study in Selected District of UP, a major project funded by University Grants Commission, New Delhi, Rs.7,47,600/- for 2013-15. (Prasamita Mohanty)
- Tribal women's livelihood security through the MGNREGA: A case study of kandhamal district, Orissa ,sponsored by UGC, New Delhi, an amount of Rs.1,30,000/- 2011-12(BibakanandaNayak)
- Influence of NRHM on the health status of scheduled caste and scheduled tribe women: a case study in Odisha. Funded by ICSSR, New Delhi, amount of Rs.8,00,000/- .2014-15(BibakanandaNayak)

Projects Completed :02

- Folk lore and Oral Tradition in History Writing with special reference to folk songs of Marginalized Communities in India" (1857-1947) funded by Indian Council of Historical Research (ICHR), New Delhi. 2011-13 (Dr Sangeeta Krishna)
- Unravelling Folklore and Oral Tradition of the Marginalized Communities and Its Role in Democratic Social Order, Indian Council of Social

Science Research(ICSSR),New Delhi.2012-14 (Dr Sangeeta Krishna)

Academic details/activities of the Faculty of your Department under the following heads:-

1. **Award & Recognition (if any) :-** NA
2. **Members of Board/Committee (outside BBAU)**
 - Member , selection committee for teacher , Kendriya vidya layasangathan, MHRD
3. Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017) :- NA
4. Research Publication (s)
 - a. Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)
 - **Social Exclusion and Inclusion : A Journey from Past to Present (ed.)** R. C. Sobti, R.B. Ram, S.Victor Babu, S. Krishna, Sudarsan Verma and Prti Saxsena, Jaya Publishing House, 2016 and reprint in 2017
 - **Original Thoughts and Speeches of Babasaheb DR B.R.AMBEDKAR (ED)** R. C. Sobti, R.B. Ram, Sunil Gorla, Shilpi Verma, Sudarsan Verma, Jaya Publishing House,2017
 - **Ambedkar's Analysis of Untouchability: From Emancipation to Social Justice in Dr Ambedkar : An Ultimate Visionary of the Era** edited by R.C Sobti , Sudarshan Madam & Priti Saxena, Narendra Publishing House , ISBN No978-93-84337-30-8
 - **Elementary Statistics in Education: Application in Quantities research, Harshwaverdhan Publisher, Maharastra ,2016**
 - **Marginalization and Girls: Policy Perspective, Laxmi Publisher, New Delhi, 2017**

Books Authored

- Atrocities on Dalits: Nature, Factors and Remedies Winshield, New Delhi,2017, ISBN No. 978-93-82120-84-1 (Dr. Sangeeta Krishna)

Book Edited

- Co-edited book Social Exclusion and Inclusion: A Journey from Past to Present Jaya Publishing House, New Delhi,2016 ISBN No 978-93-8610-22. (Dr. Sangeeta Krishna)

Chapters in Books

1. Legal Inclusion, State and the Grass root Experiences of Dalits' Rights and Dignity: A Case Study of Uttar Pradesh edited by R.C Sobti, R. B. Ram, Victor Babu and S. Krishn, Jaya Publishing House , New Delhi,2016 ISBN No 978-93-8610-22 (Dr. Sangeeta Krishna)
2. Social Exclusion of Gender: A Normative Exercise in Indian Context edited by R.C Sobti, R. B. Ram, Victor Babu and S . Krishna Jaya Publishing House , New Delhi,2016 ISBN No 978-93-8610-22 (Dr. Sangeeta Krishna)
3. Context And Process of Education: Ambedkar's Vision and Social Thoughts Dr Ambedkar : An Ultimate Visionary of the Era, edited by R.C Sobti, Sudarshan Madam & Priti Saxena Narendra Publishing House New Delhi 2016 ISBN No978-93-84337-30-8 (Dr. Sangeeta Krishna)
4. The paper entitled "*Information & Communication Technology and Women Empowerment In India: An Analysis* by **Bibekananda Nayak & Doleswar Bhoi** wrote in the edited. Book entitled 'Empowerment of Women In India: Opportunities and Challenges' has published V L Media Solutions, New Delhi, 2016, (ISBN978-93-80820-40-9).
5. The paper entitled "The issues and challenges for educational inclusion of tribes in modern india" by **Bibekananda Nayak** in the edited Book entitled 'Social exclusion and inclusion: a journey from past to present , .R.C Sobti, R B Ram, S krisna ,S V Babu, S verma, P Saxena, Jaya Publishing house, Delhi, 2016 ISBN 978-93-86110-22-0
6. Paper entitled Dr B.R.Ambedkar's Vision Towards the Empowerment of Indian Women in Social Exclusion and Inclusion : A Journey from Past to Present(ed) R. C.Sobti, R.B.Ram, S.Victor Babu, S .Krishna, Sudarsan Verma and Prti Saxsena, Jaya Publishing House,2016,p.23-46
7. Paper entitled Natural resources and welfare of society in Original Thoughts and Speeches of Babasaheb DR B.R.AMBEDKAR (ED) R. C.Sobti, R.B.Ram, Sunil Gorla, Shilpi Verma, Sudarsan Verma, Jaya Publishing House, 2017,p.85-112
8. Paper entitled Role of Scientific Knowledge in Building Inclusive Society (By **Rudra Prasad Sahoo**) in Social Exclusion and Inclusion : A

Journey from Past to Present (ed) R. C. Sobti, R. B. Ram, S. Victor Babu, S. Krishna, Sudarsan Verma and Prti Saxsena, Jaya Publishing House, 2016 and reprint in 2017, p.181-194

9. Paper entitled Context and Process of Education: Ambedkar's vision and social Thought in' Babasaheb Bhimrao Ambedkar's vision of Education, Narendra Publishing House, New Delhi, 2016
10. Paper entitled Potato: A Wholesome Food, Social issues and Health Concern, R.B. Ram*, Abhishek Singh, Rubee Lata, Navaldey Bharti and M.L. Meena, International journal of Social Science and Development Policy, Vol.- I No. 1 pp-43-51
11. Exclusion of Muslims Minority in India; Issues and Challenges for Inclusiveness (2016) chapter contributed by **Dr. Md. Reyaz Ahmad** ed. Prof. R. C Sobti, Vice Chancellor, B.B. A.U, and others., *Social Exclusion and Inclusion: A Journey from Past to Present*, Jaya Publishing House, New Delhi, (India), (ISBN: 978-93-8610-22-0)b

b. Paper published in journal

Articles in Journal

- Women Participation and Inclusion XIIth Five Year Plan *International Journal of Social Science and Development Policy Vol. 2 No. 2 January 2016– June 2016*, ISSN:2454-5732. (UGC List No.48957) **Sangeeta Krishna**

Bibekananda nayak

- The paper entitled " Honor Killing' in Haryana :A Socio-Legal Perspective' has published in the *international journal of multidisciplinary approach and studies, Bhopal , 2016*(ISSN NO:2348-537X) *JIF*(2016):3.312 (**Bibekananda Nayak**)
- The paper entitled "Ecology and Development: The Paradox of Indigenous and Modern Health Practices of Kondh Tribe of Orissa ' has published in the *international journal of arts, humanities and management studies, Bhopal , 2016*(ISSN NO:2395-0692), *vol.02,no.09,2016*, *JIF*(2016):2.6 **Bibekananda Nayak**)

Articles Reviewed: 01

Dr. Sangeeta Krishna

1. Reviewed Impact Of Globalization In Art by Ms.Gauri Mehta, Research Scholar, Dept. of History of Art, Banaras Hindu University, Varanasi *International Journal of Social Science*

and Development Policy (IJSSDP) Vol. 2, No.1, Jan-June 2016 ISSN:2454-5732

Dr. Md. Reyaz Ahmad

1. Supplementary Role of Civil Society in Governance: An Analysis, *International journal of Arts, Humanities and Management Studies*, ISSN NO. 2395-0692, Vol:2, No: 6, June 2016, Pp. 1-11.
2. Exclusion of Muslim Dalits in World's Largest Democracy, *Interdisciplinary Journal of Contemporary Research: An International Refereed Research Journal*, ISSN: 2393-8358, Vol.3, No.2, April-May 2016, Pp. 25-28.
3. Caste- like Group among Muslims in India: A Comparison with Hindu Caste, *Interdisciplinary Journal of Contemporary Research: An International Refereed Research Journal*, ISSN: 2393-8358, Vol. 4, No.3, June-July 2017. Pp. 63-68.
4. Reinventing Higher Civil Services: Necessities of Administrative Reforms in India *International Journal of Multidisciplinary Approach and Studies*, ISSN NO: 2348 – 537X, Vol: 3, No: 4, July - August 2016, Pp.119-131,
5. Re-conceptualisation of Accountability: From Government to Governance, *International Journal of Multidisciplinary Approach and Studies*, ISSN NO: 2348 – 537X, Vol:3, No:5, Sep - Oct 2016, Pp.1-11.
6. Good Governance and Its Working in India: An Evaluation, *International journal of Arts, Humanities and Management Studies*, ISSN NO. 2395-0692, Vol:2, No:8, Aug 2016, Pp. 75-86.
7. Management Orientation in Contemporary Public Administration: An Analysis, **Shodh Drishti : An International Refereed Research Journal**, ISSN: 0976-6650, Vol.7, No.3, April-June, 2016, Pp.149-156.
8. Right To Information: An Important Tool of Good Governance in India, **Shodh Drishti : An International Refereed Research Journal**, ISSN: 0976-6650, Vol.7, No.5, July-September, 2016, Pp. 37-44.
9. *Citizen Charter in India: A Tool for Effective and Responsive Administration*, **Shodh Drishti : An International Refereed Research Journal**, ISSN: 0976-6650, Vol.8, No.7, August 2017, Pp.71-78
10. Changing Nature of Public Administration in the

Era of Globalization, *VEETHIKA-An International Interdisciplinary Research Journal* QTanalytics 2454-342x electronic ISSN, Vol.3, No 3, Jul - Sep, 2017, Pp.80-94

- 11 Facets of New Public Management; Understanding in the Context of Developing Countries, *VEETHIKA-An International Interdisciplinary Research Journal* QTanalytics 2454-342x electronic ISSN, Vol.3, No 3, Jul - Sep, 2017, Pp.107-116.

Papers Presented in Seminars/Conferences/Workshop/Symposiums etc

Rudra Prasad Sahoo

- Presented a Paper on **Development Debate in India: In tune with people from Margin (excluded section) in Unnao district of Uttar Pradesh**, in a National Seminar on *Politics of Development in India*, Organized by Dept. Political Science, SAS, BBAU, Lucknow, **12-13 February, 2016**
- Presented a Paper on **Ambedkar and Idea of Social Inclusion: Constitutional (Law) framework and beyond**, in a National Seminar on *Ambedkar's vision on Inclusive Society (AVIS-2016)*, Organized by CSSEIP, SAS, BBAU, Lucknow, **19 February, 2016**

Bibekananda Nayak

- paper presented on** "Inclusive Education Policy For Tribal In Contemporary India" in the International seminar on the theme "New Education Policy and NAMODI Frame Work" (July 12-14, 2016), Ministry of Human Resource Development, Govt. of India, (**Bibekananda Nayak**)
- paper presented on** "NRHM and its influence on tribal health status of Odisha : some observation" in the national seminar on the theme "Population and health in the context of sustainable development goals , (January 11-13, 2017, IIPS, Mumbai(**Bibekananda Nayak**)
- paper presented on** "Globalization, social exclusion and youth: A sociological perspectives" in the national seminar on the theme "Globalization, youth in India : perspectives, issues and challenges (March 6-7, 2017,, DEPARTMENT OF SOCIOLOGY , BBAU(**Bibekananda Nayak**)

- Paper presented on** "Dr Ambedkar's vision on social democracy and nation building" in the National seminar on the theme "Modernity, nation and democracy in contemporary india : Ambedkar vision (March 29-30, 2017" Dr Ambedkar Chair, CSSS, JNU, New Delhi (**Bibekananda Nayak**)
- paper presented on** "Globalization and tribal rights : some observations from Odisha" in the National seminar on the theme "Ethnicity and nation -building in south Asia,(April 29-30, 2016) Rajiv Gandhi chair in contemporary study University of Allahabad, Allahabad. (**Bibekananda Nayak**)
- paper presented on** "Differently abled child and their rights for inclusive education" in the National seminar on the theme "Child rights and child protection: A socio-Legal perspectives , 11 November , 2016" AIRO and BBR Ambedkar law college Lucknow. (**Bibekananda Nayak**)
- paper presented on** "Dr. B.R. Ambedkar's vision on inclusive society" in the National seminar on the theme "The contribution of Babasaheb Ambedkar for development of modern India, april 13-14, 2016" Babasaheb Bhimrao Ambedkar University Lucknow. (**Bibekananda Nayak**)

Dr. Sangeeta Krishna

International : 01

- Globalisation and Environment with special focus on employment, economy, health and sustainability International Seminar on Globalization Environment and Social Justices: Perspectives, Issues and Concerns Department of Sociology, BBAU & Association of the Socio-economic Development Studies, Lucknow 15-16 March, 2016

National : 10

- Retrieving Ramabai and her Feminist Voice in History in International seminar on Modern Indian Thinkers organised by Babasaheb Bhimrao Ambedkar University, Lucknow, April 13-14, 2017.
- Renegotiating Disability From A Human Right Perspective in National seminar on Problem, Protection and Perspective of Persons with Disability: Law & Policy organized by Department of Human Rights Babasaheb Bhimrao Ambedkar University, Lucknow, on

March 29, 2017.

3. Motherhood, Reproduction and Surrogacy in National seminar on Surrogacy the Reproductive Technology: Socio-Legal Perspective organized by Department of Law Babasaheb Bhimrao Ambedkar University, Lucknow on March 24, 2017.
4. Women Participation & Inclusion in XIIth plan: An Analysis in National seminar on Socio-economic Progress during XIIth Five Year Plans, 2012-17, Organised by Babasaheb Bhimrao Ambedkar University in collaboration with ASEDS, Lucknow on December 15-Babasaheb Bhimrao Ambedkar University in collaboration with ASEDS, Lucknow on December 15- 16, 2016.
5. Child Sexual Abuse: A Feminist Perspective in National symposium Child Rights and Child Protection: A Socio-Legal Perspective organized by AIRO & BBRA Law College November 11, 2016.
6. Ambedkar's Ideas on Women's Empowerment and its Relevance in Contemporary Feminist Discourse in National symposium on The Contribution of Babasaheb Ambedkar in Modern India organized by Babasaheb Bhimrao Ambedkar University, Lucknow on April 13-14, 2016.
7. Accommodating Freedom of speech And reputation in the Common Law of Defamation: A Reflection on Recent Developments in National seminar on Freedom of Speech and Expression: Contemporary Issues & Challenges organised by on March 30-31, 2016.
8. Engaging Ambedkar on Inclusive discourse : Countering Exclusion Towards Reconstruction in National seminar on Ambedkar's Vision on Inclusive Society organised by CSSEIP, on March 19, 2016 .
9. Exclusion of Women in the Urban Informal Economy: The Politics of Inclusive Development in National seminar on Politics of Development organized by Department of Political Science on March 12-13, 2016.
10. Reclaiming Ambedkar's Ideas on Women From Feminist Perspective in National seminar on Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects (NSVAEWI 2016) March 8-9, 2016 organised by Committee of Basic Facilities for Women,

Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.

Dr. Md. Reyaz Ahmad

1. **'Reforming Higher Civil Services in India; for Combating Corruption'** Presented a Paper in the National Seminar on Administrative Corruption in India Since Independence, organised by the Department of Public Administration, University of Lucknow dated March 11-12, 2016.
2. **Abul Kalam Ghulam Muhiyuddin: Prophet of National Integration and Communal Harmony**, Presented a Paper in the **International Seminar** on 'Revisiting Modern Indian Thinkers in Contemporary Context' organised by the BBAU, Lucknow date 13-14 April 2017

d International Conference/Journal/Paper Presentation (if any)

1. Participation in Orientation/ Refresher Course/ Workshop/Seminar/Conference (if any)
2. Invited Speaker/Session Chaired in National/ International Conferences details (if any)
3. Research Guidance (if any)

Dr. Sangeeta Krishna

- Guiding as Co-supervisor, Ph. D, Department of Law:01
- Guided as Co-supervisor Dissertation of One year LLM (equivalent to M.Phil), CPGLS:02
- 4. Membership/Fellowship of Professional/ Academic Bodies (if any)

Dr. Prasamita Mohanty

1. All India Association for Educational Research, Bhubaneswar, Orissa;
2. Indian Association of Teacher Education, New Delhi;
3. Association of Socio- Economic Development Studies, BBAU, Lucknow
4. Indian Adult Education Association, New Delhi
5. Global Educational Research Association, Jalandhar, Punjab

Rudra Prasad Sahoo

1. Life Member of Socio-Economic Development Study, Lucknow.

2. Life Member Indian Political Science Association

Bibekanand Nayak

5. Life Member- Indian Sociological Society
6. Life Member-Indian Association For Social Sciences And Health
7. Life Member- Association for Socio-Economic Development Studies
8. Life Member: Indian Political Economic Association

Dr. Sangeeta Krishna

1. Life Member , Association of Socio-Economic Development Studies(ASEDS)
2. Auxiliary Member, Indian History Congress(IHC)
3. Member, Oral History association of India(OHAI)
4. Life Member, Indian Academy of Social Science(IASS)

Dr. Jogendra Kumar

1. Life Member Indian Political Science Association (IIPSA)

Dr. Md. Reyaz Ahmad

- Life Member, Indian Political Science Association (IPSA)
9. Google Scholar Profile (if available)

Organising lectures on the issue of exclusion/inclusion delivered by eminent scholar.

- Relevance of Research in the era of Social Exclusion: Issues and Challenges by Professor. R.D.Maurya, Babasaheb Ambedkar National Institute of Social Sciences, Mhow, Indore , Madhya Pradesh on 12.9.2016

6. **Invite young faculty from different university for deliberation**

- Some concerns about the Goods and Service Tax (GST) in India delivered by Dr Surjit Das, Jawaharlal Nehru University(J.N.U) New Delhi on 3.4.2017

- 7 **Organizing programme to sensitizing the campus on issue relating to exclusion/inclusion.**

*Research Project in Evaluation of Rajiv Gandhi National Scholarship for inclusion and empowerment of BBAU students in Lucknow.

9. **Undertaken pilot study to engaged staff of the center in action based research in the nearby locality and community enrichment and development programme. But lack of fund creating hindrances to achieve our goal**

10. Others

- Short Term Course Research Methodology Orientation Programme for SC/ST Research Scholar on inclusion of quality research in higher education

SCHOOL OF BIOSCIENCE AND BIOTECHNOLOGY

Brief description of School

The School for Bioscience and Biotechnology comprises the Department of Applied Animal Sciences, Applied Plant Sciences, Biotechnology and Pharmaceutical Sciences. All the departments offer both P.G. (M.Sc and M.Pharm) and Ph.D. courses. The two departments namely, Applied Animal Sciences and Applied Plant Sciences of School of Biosciences and Biotechnology commenced in the academic session 2001-02. The Department of Biotechnology started functioning from September 2005. The department of Pharmaceutical Sciences was established in 2010. All the departments are well equipped with laboratories and field facilities, as per requirement. The faculty

members of the school belong to varied regions of the country with diverse fields of specialization. Since courses are multifaceted, SB&BT arms its students for good job opportunities as well as selfemployment, thereby contributing to the economic growth of the country.

It is most advance School of Babasaheb Bhimrao Ambedkar, University, Lucknow. It has four departments under it namely the Department of Applied Animal Sciences, Plant Sciences (Horticulture), Biotechnology and Pharmaceutical Sciences. All departments run their respective post graduate courses and PhD programme.

DEPARTMENT OF APPLIED ANIMAL SCIENCES

D. **Introduction of Department :-** It emphasizes on animal related information in Biological Sciences especially applied aspects of animal and life Sciences.

Citation index of department :-

Prof. Kamal Jaiswal	-	
Dr. V. Elangovan	-	38
Dr. Venkatesh Kumar R.	-	84
Dr. Suman Mishra	-	24
Dr. Abha Mishra	-	36
Dr. Sandhya	-	

Department level academic activities

Ph.D., M.Sc., Integrated B.Sc.-M.Sc., B.Voc & One year diploma Course

Course offered/New Courses

Ph.D. (Applied Animal Sciences), M.Sc. (Zoology), M.Sc. (Life Science) Integrated B.Sc.-M.Sc. (Basic Science), B. Voc Livestock Production and Management Live Stock Management (01 Year Diploma).

Visitor of Department

Shri. K. M. Hanumantharayappa, Chairman, Central Silk Board, BTM Layout, Shr Madiwala, Bangalore-560068 on 13th June, 2017

Accomplishments of students :-

Sl. No.	Name of students	Award Name/Organisation	Year
1	Deepti Kashyap, Ph.D. Scholar	1 st Young Scientist award/Zoological Society of India, Jaipur	2016
2	Deepti Kashyap, Ph.D. Scholar	2 nd Young Scientist award/Zoological Society of India, Davangiri	2016
3	Joyti Pandey, Ph.D. Scholar	Young Scientist award/Zoological Society of India, BBAU, Lucknow	2017
4	Ram Kumar, Ph.D. Scholar	Young Scientist award/Zoological Society of India, BBAU, Lucknow	2017
5	Ravi Angare, Ph.D. Scholar	Rajiv Gandhi National Fellowship, UGC	2016

Sl. No.	Name of students	Award Name/Organisation	Year
6	Deep Narayan Prasad, Ph.D. Scholar	Rajiv Gandhi National Fellowship	2017
7	Savita , Ph.D. Scholar	Rajiv Gandhi National Fellowship	2017
8	Joyti Pandey, Ph.D. Scholar	Best Poster award/Zoological Society of India, Jaipur	2016
9	Divyam Srivastava, B.Voc Student	Best Poster award/Zoological Society of India, BBAU, Lucknow	2017

Faculty-wise supervision of PhD and M. Phil students:-

S. No.	Name of Faculty	Ph.D. Supervision	Ph.D. Thesis Submitted	Ph.D. Degree Awarded
1.	Prof. Kamal Jaisawal	1. Jyoti Pandey 2. Deepti Kashyap 3. Rita Verma 4. Neeraj Kumar 5. Ravi Kumar Angare 6. Rohit Kannaujia 7. Awanish Singh 8. Savita 9. Anjum Bee	0	00
2.	Dr. V. Elangovan	1. Deep Narayan Prasad 2. Ram Kumar 3. Varun Kumar 4. Akansha Dwivedi 5. Manisha 6. Shani Kumar Bharti	Pawan Kumar Misra	00
3.	Dr. Venkatesh Kumar R.	1. Brijesh Ranjan 2. Siba Saji Samuel	0	00
4.	Dr. Suman Mishra	1. Mukta Mayee Kumbhar 2. Harshita Pandey 3. Anita Singh	0	00
5.	Dr. Abha Mishra	1. Sneha 2. Anurag Rawat 3. Abhisweta Singh	Kailash Chandra Yadav	00
6.	Dr. Sandhya	00	0	00

Conference organized by the department

1. National Science Day-28 Feb-2nd March, 2017,
2. Lucknow Science Congress 2016 - 3rd March, 2017

Future plan of Department

To flourish in the field of Science with academic

excellence and good research infrastructures to be developed soon.

Research projects :-

Management of mulberry diseases through endophytes of mulberry , Sponsored by the Science & Engineering Research Board, New Delhi to Dr. Venkatesh Kumar R. Assistant Professor

Academic details/activities of the Faculty of your Department under the following heads :-

1. Award & Recognition (if any)

Dr. Suman Mishra - (a) B.N Pandey Medal, Zoological Society of India, 2016

Dr. Abha Mishra - (a) Young Scientist Award: for outstanding contribution in the field of fish and fisheries by Society for Science and Nature, 2016.

2. Members of Board/Committee (outside BBAU):-

3. **Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017) :-** Yes, Science & Engineering Research Board (titled- Management of mulberry diseases through endophytes of mulberry, dated- 28/01/2016- under the guidance of Dr. Venkatesh Kumar R.

4. Research Publication (s) :-

a. Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)

Prof. Kamal Jaiswal:

Research articles published in Journals:

1. Rita Verma, Atul K Singh and kamal Jaiswal, Preliminary study on diminution level of RNA/ DNA ratio in tissue of *Labeo rohita* by exposure to some endocrine disrupting compounds (EDCs), Aceh Journal of Animal Science(2016) 1(1): 16-20, Impact factor= 00.

Books:

1. Kamal Jaiswal, Suman Mishra and B. N. Pandey, Innovations in Applied Sciences: Economic Zoology and Environment, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-48-0.
2. Suman Mishra, Kamal jaiswal and B. N. Pandey, Parasite: Small players with crucial roles, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-50-3.
3. Suman Mishra, B. N. Pandey and Kamal jaiswal, Innovations in Applied Sciences: For food ,Health security and livelihood, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-47-3.
4. P. N. Pandey, B. D. Joshi, Kamal Jaiswal and Suman Mishra, Veterinary and Animal Science:

Applied and Economic Aspects, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-84337-76-6.

5. P. N. Pandey, B. N. Pandey, Rekha Kumari, Kamal Jaiswal and Suman Mishra, Biodiversity, Environment and Ecology, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-84337-72-8.
6. R.C. Sobti, Kamal Jaiswal and Suman Mishra, Recent Advances in Applied Biosciences, Narendra Publishing House, Delhi. 2016, ISBN No: 978-93-84337-64-3.

Book Chapters:

1. Rita Verma, A.K. Singh, Kamal Jaiswal and Suman Mishra, Impact of an endocrine disruption compound pthalate (DEHP); on the reproductive hormone and gonadal development of *Labeo rohita* (Ham, 1822), in Animal Physiology, Diseases and management , Narendra Publishing House, Delhi. 2017. ISBN: 978-93-84337-75-9.
2. B. N. Pandey, P. N. Pandey, Kamal Jaiswal, Suman Mishra, Dilpreet Kaur and Sweta Jaiswal, Fisheries and its Role in Development, in Aquatic Biology and Fisheries Science, Narendra Publishing House, Delhi. 2016. ISBN: 978-93-84337-71-1.

Dr. V. Elangovan:

Research articles published in Journals:

1. Pawan Kumar Misra& V Elangovan (2016) Light and Scanning Electron Microscopic Studies on Food Habit Analysis of Insectivorous Bats. Advances in Life Sciences, 5(9): 3649 – 3654. ISSN 2278-3849, **Impact Factor: 00**

Dr.Venkatesh Kumar R.:

Research articles published in Journals:

1. Qualitative Determination of Virgin and Recycled Plastic Used for Drinking and Storing Foodstuff: An Analytical Study Using SEM/EDX, NM A. Verma¹, S. Singh, N. Dhusia, R.N. Bhargava, R. Kumar, R. Gautam , International Journal of Health Sciences and Research 7 (3), 275-283, 2017
2. Evaluation of antioxidant activity, phytochemical constituents and Anti-diabetic properties of C763 mulberry leaves, PLPVKR Brijesh Ranjan, Rndhir Kumar, Neeraj Verma, Swati Mittal, Journal of Biological Sciences and Medicine 2 (4), 1-12, 2016

3. Role of macrophytes in heavy metal removal through rhizo-filtration in aquatic ecosystem, NM Anjali Verma, Ram Naresh Bharagava, Venkatesh Kumar, Ashima Singh, Namita, *European Journal of Biotechnology and Bioscience* 4 (10), 15-20, 2016
4. Anti-Oxidant activity of various leaf extracts of mulberry species in rotenone induced oxidative stress model of rat, RRVKR Sheeba Saji Samuel, Abhishek Desai, *Journal of Chemical and Pharmaceutical Sciences* 9 (4), 2734-2736, 2016
5. Neuroprotective profile of mulberry extract in focal cerebral ischemia model in rats, RRVKR Sheeba Saji Samuel, Abhishek Desai, *Indian Journal of Research in Pharmacy and Biotechnology* 4 (3), 116-125, 2016.

Dr.Suman Mishra:

Research articles published in Journals:

1. Anita Singh and Suman Mishra, A Comparative study of Helminths parasites in catfishes, *International journal of science and research(IJSR)*, Volume 5 Issue 7, ISSN (Online): 2319-7064, (2016) Impact factor= 6.391
2. Anita Singh and Suman Mishra, Population dynamics of Helminths parasites in freshwater fishes of River Gomti in Lucknow, Uttar Pradesh, *Journal of Environmental science, Computer science and Engineering & Technology (JECET)* Volume 5, Issue 3, 640-647, ISSN: 2278-179X, 2016, Impact factor= 5.048.
3. Methods of Tick Control: Conventional and Novel Approaches, Dilpreet Kaur, Kamal Jaiswal and Suman Mishra, *European Journal of Pharmaceutical and Medical Research ejpmr*, 3(10), 110-115. Impact factor= 3.62, 2016

Books:

1. Suman Mishra *Recent Advances in Aquaculture*, Reference book, Co -editor, Published by Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-49-7
2. Kamal Jaiswal, Suman Mishra and B. N. Pandey, *Innovations in Applied Sciences: Economic Zoology and Environment*, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-48-0.
3. Suman Mishra, Kamal jaiswal and B. N. Pandey, *Parasite: Small players with crucial roles*,

Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-50-3.

4. Suman Mishra, B. N. Pandey and Kamal jaiswal, *Innovations in Applied Sciences: For food ,Health security and livelihood*, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-86110-47-3.
5. P. N. Pandey, B. D. Joshi, Kamal Jaiswal and Suman Mishra, *Veterinary and Animal Science: Applied and Economic Aspects*, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-84337-76-6.
6. P. N. Pandey, B. N. Pandey, Rekha Kumari, Kamal Jaiswal and Suman Mishra, *Biodiversity, Environment and Ecology*, Narendra Publishing House, Delhi. 2017, ISBN No: 978-93-84337-72-8.
7. R.C. Sobti, Kamal Jaiswal and Suman Mishra, *Recent Advances in Applied Biosciences*, Narendra Publishing House, Delhi. 2016, ISBN No: 978-93-84337-64-3.

Book Chapters:

1. *Futuristic Visionary: Dr. B.R.Ambedkar*, Dr. B.R.Ambedkar: An Ultimate Visionary of the Era. Edited by R.C. Sobti, Sudarshan Verma and Priti Saxena, Published by Narendra Publishing House, Delhi. 2016, ISBN: 978-93-84337-30-8
2. *Fisheries and its Role in Development, Aquatic Biology and Fisheries Science* Published by Narendra Publishing House, Delhi. 2016, ISBN: 978-93-84337-71-1

Dr.Abha Mishra:

National Conference/Journals/Paper presentation (if any)

1. Kailash Chandra Yadav, Sudhirraizada and Abha Mishra (2016). Study of gonadosomatic index of male and female giant snakehead fish, *Channamarulius* (Hamilton, 1822). *J Exp. Zool. India*, 19(2), 719-721. ISSN 0972-0030
2. Kailash Chandra Yadav, Sudhirraizada, Abha Mishra and A Awasthi (2016). Study of gonadosomatic index (GSI) of male and female striped murrel, *Channa striatus* (Bloch, 1793) in LakhimpurKheri (Tarai belt Area). *International Journal of Basic and Applied Scientific Aspects*, 2(2), 43-46. ISSN 2395-3373.

3. Ravi Kiran, Sutanu Maji and Abha Mishra (2017). Effect of fish waste, fish guano and compost on growth, yield and quality of Broccoli (*Brassica oleracea* var. *italica*). Indian Journal of Ecology, 44(1): 120-123. ISSN 0304-5250.
4. Abha Mishra and Anurag Rawat (2017). Performance of exogenous hormones for induced breeding of freshwater butter catfish, *Ompok bimaculatus* (Bloch, 1794). Trends in Biosciences, 10(20); 3997-4000. ISSN 0974-8431.
5. Abha Mishra and Anurag Rawat (2017). Annual testicular cycle of freshwater catfish, *Ompok bimaculatus* (Bloch, 1794) from the Gomti River, India. Trends in Biosciences, 10(21); 4113-4116. ISSN 0974-8431.
6. A. Mishra and S. Verma (2017). *In vitro* effects of chlorpyrifos on gonadotropin-induced oocyte maturation and steroidal interplay of freshwater catfish, *Heteropneustes fossilis*. Int J Pharma Bio Sci 2017 July; 8(3): (B) 912-920. (ISSN : 0975-6299).

International Conference/Journal/Paper Presentation (if any)

1. Ravindra Kumar, Brijesh Kumar Pandey, Uttam Kumar Sarkar, Naresh Sahebrao Nagpure, Vishwamitra Singh Baisvar, Praveen Agnihotri, Abhishek Awasthi, Abha Mishra & Narendra Kumar. **Population genetic structure and geographic differentiation in butter catfish, *Ompok bimaculatus*, from Indian waters inferred by cytochrome b mitochondrial gene.** Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis 2016, 9:1-9. (IF 1.209).
2. Abha Mishra, Anurag Rawat, Sneha Verma, Uttam Kumar Sarkar, Ravindra Kumar (2016). Spawning dynamics of female freshwater butter catfish, *Ompok bimaculatus* (Bloch, 1794) in different major rivers of India. *International J. of Fisheries and Aquatic Studies*; 4(3); 449-457.
3. Abha Mishra and Sneha Verma (2016). Acute toxicity bioassay of organophosphorus pesticide, chlorpyrifos on freshwater catfish, *Heteropneustes fossilis* (Bloch, 1794). *International Journal of Fisheries and Aquatic Studies*. 4(6): 388-393. ISSN: 2394-0506.
4. Uttam Kumar Sarkar, Praveen Agnihotri, Ravindra Kumar, Abhishek Awasthi, Brijesh Kumar Pandey, Abha Mishra. 2017. Dynamics of inter-population reproductive pattern in butter catfish, *Ompok bimaculatus* (Bloch, 1794) from different rivers in India. *Turkish Journal of Fisheries and Aquatic Sciences*. (Accepted) ISSN 1303-2712 DOI: 10.4194/1303-2712-v17_5_23.
5. **Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (if any) :-**

Prof. Kamal Jaiswal:

Seminars/conference/workshop/events organized:

1. 9th South Asian Universities Youth Festival SAUFEST-2016, 25-29 February, 2016, Organizing Secretary, International.

Research Papers Presented/Published in Seminar/Conference:

1. In vitro anthelmintic effect of *Nigella sativa* and *Coriandrum sativum* against *haemonchus* sp. Of *Capra hircus* (Goat) International conference on Ecosystem responses to global environment changes and their impact in collaboration with Zoological Society of India, 16- 18 february, 2017 Indore International
2. Ethno Veterinary Plants: A Promising Tool for Controlling Helminthiasis, 104th Indian Science Congress 2017, Tirupati, National
3. Studies on the nematode parasite in the gastrointestinal tracts of *Gallus gallus*, 104th Indian Science Congress 2017, Tirupati, National
4. Marker assisted selection as a tool for better tick resistance trait in Indian native cattle's: a review, 104th Indian Science Congress 2017, Tirupati, National
5. Prevalence of gastrointestinal nematode parasite of goat (*Capra hircus*) in Lucknow, 104th Indian Science Congress 2017, Tirupati, National
6. Identification of *Nosema* strain (Microsporidia, Nosematidae) from carpenter bee, Xylocopavioleaceae, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016, Davangere, Karnataka, International
7. Medicinal plants as an alternative to control helminthiasis in *Capra hircus*, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016,

Davangere, Karnataka, International

8. Investigations on acaricidal property of ethno veterinary plants to control tick infestation in cattle by tribal people of dist. Betul, Madhya Pradesh, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016, Davangere, Karnataka, International
9. Studies on prevalence of gastrointestinal nematode parasites of *Capra hircus*, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016, Davangere, Karnataka, International
10. Studies on prevalence of tick (ectoparasites) in cattle in Lucknow, U.P, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016, Davangere, Karnataka, International
11. Prevalence of gastrointestinal nematode parasites of *Gallus gallus* in and around Lucknow, International Symposium on Understanding the molecules of life in the era of new biology & 28th All India Congress of Zoology 20-22, October, 2016, Davangere, Karnataka, International
12. Medical and Veterinary Importance of Ticks in Indian Dairy System, Impact of Climate Change on Biodiversity: Applications of Recent Technologies for Conservation of Threatened Species 22nd -24th September, 2016, University of Mizoram, Aizawl, National
13. Epidemiology of gastrointestinal nematode infections in goat: A review National Seminar on Status of India Biodiversity Under Changing Climatic Conditions with special reference to semi arid zone of Bundelkhand region for upliftment of rural economy and women empowerment, 4th - 6th March, 2016, Bundelkhand University, Jhansi, National
14. Use of ethnoveterinary plants by the tribal for treatment of tick infestation, National Seminar on Status of India Biodiversity Under Changing Climatic Conditions with special reference to semi arid zone of Bundelkhand region for upliftment of rural economy and women empowerment, 4th - 6th March, 2016,

Bundelkhand University, Jhansi, National

15. Status of Tick Bore Diseases In India, 103th Indian Science Congress, 2016, University of Mysore, National

Seminars, conferences, symposium, workshops attended:

1. 4th Lucknow Science Congress, Department of environmental sciences, BBAU, Lucknow, 3rd - 4th March, 2017

Dr. Suman Mishra:

Seminars/conference/workshop/ events organized:

1. 9th South Asian Universities Youth Festival SAUFEST-2016, 25-29 February, 2016, Convenor, International.

Papers Presented in Conferences/ Symposia/ Seminars :

1. Mishra, Suman Studies on the Ticks (Acari: Ixodidae) of Cattle and their Control by Ethnoveterinary Plants, 104th Indian Science Congress, S.V. University, Tirupati , 3rd to 7th January, 2017
2. Mishra, S., Kaur, D. Studies on Prevalence of Ticks in Cattle and Evaluation of Selected Ethnoveterinary Plants for their Acaricidal Effects, International Symposium on Understanding the molecules of life in the era of new biology
3. & 28th All India Congress of Zoology (AICZ), Life Science Departments, Davangere University, Davangere, Karnataka, 20-22, October, 2016
4. Mishra, S., Kaur, D. and Jaiswal, K. Study on Chemical and Ethnoveterinary Control of Ectoparasites: A Review, National Conference on Environment Impact on Health and its Management: Eco Friendly Strategies and 27th All India Congress of Zoology, Jaipur, 8th -10th February, 2016

Participation in Seminars/ Conferences/ Symposia/ workshops:

1. National Seminar on 'Visualization of Dr. Ambedkar For Empowerment of Women in India: Issues and Prospects', Committee of Basic Facilities for Women, BBAU, Lucknow. 8-9 March, 2016

Dr. Sandhya:**Training/Workshop/Orientation Course/Refresher Course Attended**

1. National Science Day, three days Seminar on the Theme "Science & Technology for Specially Persons", Feb, 28- Mar, 2, 2017, BBAU Lucknow.
2. 9th South Asian University Festival Feb, 25-29, 2017, BabasahebBhimraoAmbedkar University, Lucknow,
6. **Invited Speaker/Session Chaired in National/ International Conferences details (if any) :-**

Dr. Suman Mishra:**Invited Lectures**

1. Invited lecture and Chaired Session, National Conference: Environmental Protection and Sustainability, 31st December, 2016 to 1st January, 2017, PG and Research Dept. of Zoology, Sir Thiyaagra College, Chennai.
2. Invited lecture on 'Tick Control Strategies: Past Present and Future' organized by Life Science Departments, Davangere University, Karnataka, International Symposium on Understanding The Molecules Of Life In The Era Of New Biology & 28th All India Congress Of Zoology (AICZ) from 20-22 October, 2016
3. Invited lecture and Chaired Session, National Seminar on Status of India's Biodiversity under changing Climatic conditions with Special Reference to Semi-Arid Zone of Bunde3lkhand Region for Upliftment of Rural Economy & Women Empowerment, 4-6 March, 2016, Bundelkhand University, Jhansi.
7. **Research Guidance (if any) :-** Details are given in point 10 above.
8. **Membership/Fellowship of Professional/ Academic Bodies (if any)**

Dr. Suman Mishra:**Membership of Professional Bodies, Societies:**

1. International Society for Zoological Sciences, 2015
2. Life Member, The Cytometry Society of India, 2013

Dr. Abha Mishra:**Membership of Professional Bodies, Societies:**

1. Life membership of "Society for Science and Nature", December 2016. Membership No. SFSN/2016-17/L-038.
2. External member of Women Complain Cell of NBFGR, Lucknow for three years (2016-2019)
3. Member of School Board of SB & BT under Chapter II clause 1 of the Academic ordinance of the University for three year (2017-2020).
4. Member of Academic Council of BBAU
9. **Google Scholar Profile (if available)**
 1. Prof. Kamal Jaiswal- (scholar.google.co.in/citations?user=w-DjxmWAAAAJ&hl=en)
 2. Dr. V. Elangovan- (scholar.google.co.in/citations?user=xHePxwoAAAAJ&hl=en&oi=ao)
 3. Dr. Venkatesh Kumar R.-(scholar.google.co.in/citations?user=wUB3hlYAAAAJ&hl=en)
 4. Dr. Abha Mishra- (scholar.google.co.in/citations?user=bWaYgZ0AAAAJ&hl=en)
 5. Dr. Suman Mishra- (scholar.google.co.in/citations?user=5W9rNfEAAAAJ&hl=en)
 6. Dr. Sandhya-()
10. **Any Other remarkable information**

DEPARTMENT OF APPLIED PLANT SCIENCE (HORTICULTURE)

The seed of the Department of Applied Plant Science (Horticulture) was sown as early as 1997-98 with the establishment of "Centre of Rural Technology" which offered a "Diploma on seed and nursery production". This was upgraded to a Masters Degree program in "Horticulture" from the session 2001. The Ph.D. programme in Horticulture was instituted in 2003.

Objectives of the Department:

- Teaching and research in all the streams of Horticulture at M.Sc. and Ph. D levels.
- Dissemination/Extension of technologies developed to improve socio-economic status of society
- To collaborate with relevant national and international agencies
- Produce students with a sound knowledge of horticulture with an all round development of their personalities.

Research Emphasis is on:

- Fruit Science (Pomology)
- Vegetable Science (Olericulture)
- Ornamental Crops (Floriculture)
- Post harvest management/ technology

Research trials are conducted in all branches of horticulture and facilities are available in the form of a well equipped Horticulture Research Farm-I & II, independent PG and Ph. D. Research labs, protected structures with the latest micro-irrigation systems installed etc.

Presently there are five faculty members from various fields of horticulture. Intake capacity at M.Sc.

level is 30 and success rate is 100%.

The department has started 3 years Bachelor of Vocational Course (B. Voc Course) in Floriculture and Landscape Gardening from 2014. Department offers Choice Based Credit System (CBCS) for the students. Students get 100% placements for the post of Government Office, Banks, Public Service Commission, UPSC and Private companies as well as get opportunities for university to higher studies in esteemed academic institutions. Department follows the reservation policy strictly both at PG and Ph.D. levels. A good number of students also qualify ICAR NET examination also.

List of students qualified and appointed in various government/ government and private enterprises

Under the Department course (B. Voc Landscape and Gardening)

To develop skill and employability among youth, short term and long certificate courses, diploma courses and various vocational courses have 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.

Bachelor of Vocational study in Horticulture is one such course through which we aim to train our youth in developing a skill which will help them to be absorbed in the Horticulture industry even after bachelor degree and thus, support his/her family successfully.

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.

FACULTY DETAILS :

Sl. No.	Name	Designation	Qualification	Area of specialization
1.	Prof. R. B. Ram	Professor	M.Sc. (Ag.), Ph.D. (Hort.), B.H.U	Teaching and Research Experience: 32 Years Field of Specialization: Fruit Science (Pomology) in Horticulture under Agriculture Sciences. Major Area of Research and field of interest: The major areas of research <i>Inter alia</i> include: Crop Improvement, Crop Production, Crop Protection and Crop Utilization. Expertise has been gained in Various branch of Horticulture viz. Fruit Science, Vegetable Science and Floriculture (Ornamental Garden and Landscaping) in addition to Medicinal and Aromatic plants, species and condiments, plantation crop etc. through teaching research extension and training programme.
2.	Dr. Sanjay Kumar	Associate Professor	M.Sc.(Ag.), Ph.D. Horticulture NET-ICAR	Teaching and Research Experience: 18 Years Field of specialization- Vegetable Science in Horticulture under Agricultural Sciences. Area of work and field of interest in Horticulture- All branches of Horticulture (Olericulture), Pomology, Floriculture & Landscaping including Medicinal & Aromatic Plants, spices and condiments, especially Olericulture
3.	Dr. Deepa H. Dwivedi	Associate Professor & Head	M.Sc.(Ag.), Ph. D. (Hort.)	Research (R & D and Extension) and teaching experience- 17 years Approx Field of specialization - Fruit Science (Pomology) Area of work and field of interest in horticulture - All branches of horticulture (Pomology, Floriculture & Landscaping and Olericulture including medicinal Aromatic Plants), especially fruit science and Floriculture.
4.	Dr. M. L. Meena	Assistant Professor	Ph.D.(Ag.) Horticulture (Vegetable Science) NET-ICAR	Research (R & D and Extension) and teaching experience- 12 years Approx. Field of specialization - Vegetable Science Area of work and field of interest in: All branches of horticulture especially vegetable crops.
5.	Dr. Sutanu Maji	Assistant Professor	M.Sc.(Hort.), Ph. D. (Hort.) in Fruits & Orchard Management NET-ASRB (ICAR)	Teaching Experience : 4 years 10 months at PG & Ph. D Level Research Experience: 11 years Field of specialization: Fruit Science (Horticulture) Area of work and field of interest: All branches of Horticulture especially in Fruit Science, Vegetable & Spice crops, Medicinal and Aromatic plants, Organic nutrition (NRM), Intercropping, Crop Regulation, Bio-control of pathogens, Flower drying and dehydration, PHT of Horticultural crops
6	Dr. Ravi Shankar Verma	Assistant Professor	M.Sc. (Ag.), Ph.D. (Hort.), NET-ASRB (ICAR)	Teaching and Research Experience: 02 Years Field of Specialization: Fruit Science (Pomology) Major Area of Research and field of interest: All branches of Horticulture especially Orchard Management, Protected cultivation, Integrated Nutrient Management, Nursery Management, Propagation Technology, HDP, PHT, Intercropping, Crop Regulation, Horticultural research

1. Accomplishments of students:

Qualified NET, achieved jobs in Government as well as private sector

NET Qualified Student:

Sl. No.	Name of the Student	Year
1	Pradeep Kumar	2017
2	Saurabh Kishor	2017
3	Amit Kumar Bhargava	2017
4	Kusum Meena	2017
5	Smriti Singh	2017
6	Viplaw Kumar	2017
7	Lalit Kumar	2017
8	Vineet Kumar Meena	2017
9	Sohan Lal Narolia	2017
10	Shivraj Mehata	2017

2. Faculty wise supervision of the Ph. D. Students

Sl. No	Name of students	Supervisor
1	Mr. Jitendra Kr. Meena	Prof. R. B. Ram, Professor
2	Ms. Smriti Singh	Prof. R. B. Ram, Professor
3	Mr. Neeraj Verma	Prof. R. B. Ram, Professor
4	Mr. Amit Kumar Bhargava	Prof. R. B. Ram, Professor
5	Mr. Saurabh Kishor	Prof. R. B. Ram, Professor
6	Mr. Prem Kumar	Prof. R. B. Ram, Professor
7	Mr. Rajeev Kumar	Prof. R. B. Ram, Professor
8	Mr. Shashank Verma	Prof. Sanjay Kumar, Professor
9	Mr. Rakesh Kumar Meena	Prof. Sanjay Kumar, Professor
10	Mr. Ram Vilas	Prof. Sanjay Kumar, Professor
11	Mr. Sandeep Kumar Rajvanshi	Prof. Deepa H. Dwivedi, Professor
12	Mr. Anurag Bajpay	Prof. Deepa H. Dwivedi, Professor
13	Mr. Sachin Kishor	Prof. Deepa H. Dwivedi, Professor
14	Ms. Munni Gond	Prof. Deepa H. Dwivedi, Professor
15	Mr Pradeep Kumar	Prof. Deepa H. Dwivedi, Professor
16	Mr Kamal Ram Meena	Dr. Sutanu Maji, Assistant Professor
17	Mr. Ranjeet Rawat	Dr. Sutanu Maji, Assistant Professor
18	Mr. Tribhuvan Rai	Dr. M. L. Meena, Professor
19	Mr. Satyendra Kumar	Dr. M. L. Meena, Professor
20	Mr. Dinesh Chandra Meena	Dr. M. L. Meena, Assistant Professor

3. Member of Board/committee (outside BBAU)

Prof. R. B. Ram:

1. Expert member on selection committee of U.P.P.S.C., Allahabad
2. Expert member on selection committee of U. P. Council of Agricultural Research, Lucknow
3. Expert member on selection committee of Institute of Co-operative & Corporate management, research and training, Indira Nagar, Lucknow
4. Expert member on selection committee of Madan mohan malviya university of Engineering and Technology, Gorakhpur
5. Expert member in selection committee of Allahabad University, Allahabad
6. As Expert on Selection Committee in Central Agricultural University, Manipur
7. As Expert on Selection Committee in National Botanical Research Institute, Lucknow
8. As Expert on Selection Committee in CISH, Lucknow
9. Ph. D. & D. Phil. Thesis evaluation and Viva-voce examination of Banaras Hindu University, Varanasi
10. Ph. D. & D. Phil. Thesis evaluation and Viva-voce examination of NDUA&T, Faizabad
11. Ph. D. & D. Phil. Thesis evaluation and Viva-voce examination of Swami Keswanand Rajasthan Agricultural University, Bikaner Rajasthan

Dr. Sanjay Kumar

1. Member Board of Studies , U. P. Autonomous College, Varanasi (UP)
2. Expert member in selection committee of U.P.P.S.C., Allahabad
3. Expert member in selection committee of U. P. Council of Agricultural Research, Lucknow
4. Member of the Affiliation Committee of Sri Dev Suman Uttrakhand University, Uttrakhand
5. Ph. D. & D. Phil. Thesis evaluation and Viva-voce examination of G.N.B.H.U., Srinagar & S.V.P.U.A.&T., Meerut
6. Thesis evaluation & viva-voce examination of various students at S.V.P.U.A.&T., Meerut

7. Thesis evaluation & viva-voce examination at B.H.U., Varanasi
8. Observer of Online Entrance examination of Dr R.M.L. National Law Univ. , Lucknow
9. Observer for the conduction of Online University Entrance Examination 2016 at Noida centre
10. Observer for the conduction of D.B.R.A.U.S.S., Mhow at Lucknow
11. Paper setting of N.D.U.A.&T., Faizabad (UP)

Dr. Sutanu Maji:

External examiner-

External paper setter for B.Sc. (Hort.) Hons. Course under Bidhan Chandra Krishi Viswavidyalaya.

Reviewers of -

- i. International Journal of Bioresources and Stress Management,
- ii. ISME-International Society for Microbial Ecology Journal
- iii. Australian Journal of Crop Science
- iv. Plant Pathology Journal
- v. Journal of Stored Products and Postharvest Research

4. Orientation/Refresher Courses done by faculty members

Dr. M. L. Meena:

- Refresher Course at summer school, University of Lucknow on June, 2016

Dr. Ravi Shankar Verma:

- Orientation Programme at UGC, HRDC, Banaras Hindu University, Varanasi on 24th May to 20th June, 2016

5. Research publication (s):

a. Book(s)/ Book Chapter (s) authorized/ edited book/monograph(s) :

Prof. R. B. Ram:

- **Ram, R. B.** (2016). Dr. B. R. Ambedkar's Vision Towards the Empowerment of Indian Women.23-46. In: Social Exclusion and Inclusion: A Journey From Past to Present (Eds.R. C. Sobti, **R. B. Ram**, S. Victor Babu, S. Krishna, Sudarshan Verma and Priti Saxena) Jaya Publishing House, Publisher and Distributors,

27B, Pocket B, Dilishad Garden, Delhi-110095, INDIA. 297pp.

- **Ram, R. B.** (2016). Babasaheb Dr. B. R. Ambedkar's Vision of Education in India .95-112. In: Dr. B. R. Ambedkar An Ultimate Visionary of the Era (Eds. Sobti, R. C., Verma, S. and Saxena, P.) Narendra Publishing House Publishers and Distributors, 1417 Kishan Dutt Street, Maliwara, Delhi-110006, INDIA. 279pp
- Krishna, Sangeeta and **Ram, R. B.** (2016). Context and Process of Education: Ambedkar's Vision and Social Thoughts. 151-166. In: Babasaheb Bhimrao Ambedkar's Vision of Education, Message for Teachers and Teachers Educators (Eds. R. C. Sobti, Shura Darapuri, UV Kiran, K. P. Pandey, Sudhir Kumar). Narendra Publishing House Publishers and Distributors, 1417 Kishan Dutt Street, Maliwara, Delhi-110006, INDIA.

b. Paper published:

Prof. R. B. Ram

1. K Anil, **RB Ram**, M Sutanu, K Sachin, Y Rahul, KR Meena (2017). Effect of organic manures, biofertilizers and micronutrients on growth, yield and quality of onion (*Allium cepa* L.). *International Journal of Agricultural Sciences* 13 (2), 236-241 (NAAS rating 4.82)
2. V. Kumar, **RB Ram**, SK Rajvanshi, O Singh (2017). Genetic Divergence in Genotypes of Cluster Bean [*Cyamopsis tetragonoloba* (L.) Taub.] Under Lucknow Province. *Int. J. Pure App. Biosci* 5 (2), 72-76. (NAAS rating 4.74)
3. Ram Pal, **RB Ram**, M Dayamma, D Barman, Dr Singh, P Sharma (2016). Response of culture media on multiplication of *Cymbidium* hybrids cultured in vitro. *Journal of Ornamental Horticulture* 19 (3&4), 119-124. (Impact Factor-0.76)
4. Lata Rubee, Dwivedi Deepa H., **Ram, R.B.** and Meena, M. L. (2016). Efficacy of biological, organic and inorganic substrates of nutrients on yield attributing characters, sensory evaluation and economics of strawberry cv. Chandler under Lucknow Conditions. *Indian Journal of Horticulture*. 73(4): 506-510. (NAAS Rating 6.17)
5. Kareem, A, **Ram, R. B.**, Dwivedi, S. K., Dwivedi, D. H and Meena, M. L., (2016). Genetic variability, heritability and genetic advance studies for physico-chemical characters of apricot germplasm under Ladakh region. *Progressive Horticulture*, Vol-48(1): 22-27. (NAAS rating 3.53)
6. A Patel, B Singh, **RB Ram**, N Thirupathi (2016). Studies on physico-chemical constituents in different cultivars of citrus fruits under Lucknow condition, India. *Journal of Applied and Natural Science* 8 (2), 521-524. (NAAS rating 3.73)
7. Mishra, P.K., **Ram, R. B.** and Kumar N. (2016). Performance of strawberry (*Fragaria x ananassa* Duch) genotypes under Lucknow Region of Uttar Pradesh. *Environment and Ecology*, Vol.(34):1473-1476. (NAAS Rating 4.18)

Dr. Sanjay Kumar

1. Vivek Tiwari, Sutanu Maji, **Sanjay Kumar**, Govind Prajapati and Rahul Yadav (2016). Use of Kitchen Waste based bio-organics for Strawberry (*Fragaria x ananassa* Duch) production .*African Journal of agricultural Research*: 11(4):259-265.
2. **Sanjay Kumar*** and Surya Prakash (2015). Studies on Genetic variability, correlation and path analysis in Coriander (*Coriandrum sativum* L). *Annals of Horticulture* 8 (2): 166-169. . (NAAS rating 3.42)
3. Shani Kumar, **Sanjay Kumar***, Sutanu Maji and Vijay Kumar Pandey (2016). Studies on Effect of Inorganic Fertilizers and Bio-fertilizers on Growth, Yield and Quality of Radish (*Raphanus sativus* L.). *International Journal of Plant Sciences* 11(1): 98-102. . (NAAS rating 4.20)
4. Kamal Ram Meena, Sutanu Maji, **Sanjay Kumar**, Dushyant Parihar and D. C. Meena (2016). Effect of Bagging on fruit quality of Guava. *International Journal of Bio-resource and stress Management* 7(2): 330-333. (NAAS rating 4.65)
5. Ravindra Kumar Sharma, **Sanjay Kumar***, Sutanu Maji, Vijay Kumar Pandey, Smriti Singh, Avdhesh Kumar Dubey and Pankaj Kumar (2016). Genetic Variability, Heritability, Correlation Coefficient and Path Analysis in French bean (*Phaseolus vulgaris* L). *The Bioscan* 11(2): 1153-1158. (NAAS rating 5.26)
6. Kamal Ram Meena, Sutanu Maji*, **Sanjay Kumar** and Shashank Verma (2016). Influence of shoot pruning for crop regulation and improving fruit yield of guava. *The Bioscan* 11(2):1355-1359. (NAAS rating 5.26)

7. Kanaram Sodh, Sutanu Maji, **Sanjay Kumar**, Govind Prajapati and Kamal Ram Meena (2016). Performance study of various garlic genotypes (*Allium sativum* L.) in Subtropical Lucknow conditions. *The Bioscan* 11(2):1093-1097. (NAAS rating 5.26)
8. Smriti Singh, **Sanjay Kumar**, V. K. Verma, Vijay Kumar Pandey and Sutanu Maji (2016). Effect of different levels of sulphur on growth, yield and quality of some radish varieties. *International Journal of Agriculture Science* 8(51): 2187-2188. (NAAS rating 4.20)
9. Dhirender Pertap Singh, **Sanjay Kumar**, Vijay Kumar Pandey and Sutanu Maji (2016). Studies on Integrated Nutrient Management on Growth, Yield and Quality of Carrot (*Daucus carota* L.). *International Journal of Agriculture Science* 8(51): 2189-2191. (NAAS rating 4.20)
10. Awadhesh Kumar, **Sanjay Kumar** and Sutanu Maji (2016). Genetic Variability, heritability and Genetic advance studies in Okra (*Abelmoschus esculentus* L. Moench): 8 (57): 3122-3124. (NAAS rating 4.20)

Prof. Deepa H. Dwivedi:

1. Munni Gond, **Deepa H. Dwivedi** and Namrta Singh (2016). Performance of Cape gooseberry (*Physalis peruviana* L.) Under Different Spacing and Organic Manures. *The Bioscan* vol.11 In press (NAAS rating 4.09).
2. Sandeep Kumar Rajvanshi, **Deepa H Dwivedi** and Namrta Singh (2016) studies on bioactive phytochemicals in hydrodistilled essential oil of african marigold (an marigold (tagetes erecta l.) *The Bioscan* (11) In press (NAAS rating 4.09).
3. Kareem, A, Ram, R. B., Dwivedi, S. K., **Dwivedi, D. H**, Meena, M. L., and Kumar, V.,(2016). Genetic variability, heritability and genetic advance studies for physic-chemical characters of apricot germplasm under Ladakh region. *Progressive Horticulture*, Vol-48(1): 9-14.
4. **Deepa H Dwivedi**, Lalita verma and Namrta Singh (2015). Impact of organic and inorganic fertilizers on flowering, fruiting and yield of (*Physalis peruviana* L.) . *Prog Hort*, 47(3): 391-95 (NAAS Rating 3.53)
5. ML Meena, Pintu Lal Meena and **Deepa H Dwivedi** (2015). Effect of different packaging materials on biochemical parameters of guava (*Psidium guajava* L.). *Prog Hort*, 47(3): 391-95 (NAAS Rating 3.53)

6. Lata Rubee, **Dwivedi Deepa H.**, Ram, R.B. and Meena, M. L. (2016). Efficacy of biological, organic and inorganic substrates of nutrients on yield attributing characters, sensory evaluation and economics of strawberry cv. Chandler under Lucknow Conditions. *Indian Journal of Horticulture*. 73(4): 506-510. (NAAS Rating 6.13)

Dr. M. L. Meena

1. Lata Rubee, Dwivedi Deepa H., Ram, R.B. and **Meena, M. L.** (2016). Efficacy of biological, organic and inorganic substrates of nutrients on yield attributing characters, sensory evaluation and economics of strawberry cv. Chandler under Lucknow Conditions. *Indian Journal of Horticulture*. 73(4): 506-510. (NAAS Rating 6.13)
2. Kumar, K., **Meena, M.L**, Lal Deepa, Singh, M. and Meena, J.K. (2016). Impact of different levels of organic and in organic fertilizers on growth and yield of garlic (*Allium sativum* L.). *Research in Environment and Life Sciences*. 09 (01): 8-10. (NAAS Rating 3.74)
3. Kareem, A, Ram, R. B., Dwivedi, S. K., Dwivedi, D. H, **Meena, M. L.**, and Kumar, V.,(2016). Genetic variability, heritability and genetic advance studies for physico-chemical characters of apricot germplasm under Ladakh region. *Progressive Horticulture*, Vol-48(1): 9-14. (NAAS rating 3.53)
4. Kumar, S., Meena, M.L, Lal Deepa and Rai, T. (2016). Effect of integrated nutrient management on growth and yield of onion (*Allium cepa* L.). *Research in Environment and Life Sciences*. 9 (01): 56-58. (NAAS Rating 3.74)

Dr. Sutanu Maji

1. SK Tiwari, **S Maji**, S Kumar, Govind, KR Meena, R Yadav and A Kumar (2017). Effect of liquid manure and fish oil emulsion on the growth, yield and quality of broccoli (*Brassica oleracea* var. *Italica*) cv KTS-1. *Environment and Ecology*. 35(1B): 484-489. (NAAS Rating 4.18)
2. Kamal Ram Meena, **Sutanu Maji**, S Kumar, dushyant Parihar and D C Meena (2016). Effect of bagging on fruit quality of guava. *International Journal Bio-resource and Stress Management*, 7(2): 330-333. (NAAS rating 4.46)

3. Kanaram Sodh, **Sutanu Maji**, Sanjay Kumar, Govind Prajapati and Kamal Ram Meena (2016). Performance Study of Various Garlic Genotypes (*Allium Sativum* L.) in Subtropical Lucknow Conditions. The Bioscan, 11(2): 1093 – 1097 (NAAS rating 5.26)
4. Ravindra Kumar Sharma, Sanjay Kumar, **Sutanu Maji**, Vijay Kumar Pandey, Smriti Singh, Avdhesh Kumar Dubey and Pankaj Kumar (2016). Genetic variability, heritability, correlation coefficient and path analysis in French bean (*Phaseolus Vulgaris* L.). The Bioscan, 11(2):1153-1158 (NAAS rating 5.26)
5. Kamal Ram Meena, **Sutanu Maji**, Sanjay Kumar and Shashank Verma (2016). Influence of shoot pruning for crop regulation and improving fruit yield of guava. The Bioscan, 11(2): 1355-1359 (NAAS rating 5.26)
6. Smriti Singh, Sanjay Kumar, V.K. Verma, Vijay Kumar Pandey and **Sutanu Maji** (2016). Effect of different levels of sulphur on growth, yield and quality of some radish varieties. International Journal of Agriculture Sciences. 8 (51): 2189-2191 (NAAS rating 4.82)

Dr. Ravi Shankar Verma:

1. ML Meena, S Vivek, **RS Verma**, JK Meena, R Tribhuvan (2017). Estimates of genetic parameters for quantitative and qualitative traits in tomato (*Lycopersicon esculentum* Mill.). Environment and Ecology 35 (1), 180-184. (NAAS rating 4.18)
2. D Lal, ML Meena, MA Nayyer, JK Meena, T Rai, **RS Verma** (2017). Influence of pruning, ethephon and some nutrient sprays on vegetative, flowering and fruit characteristics of guava. Res. Environ. Life Sci., 9(7) 796-799 (2016) (NAAS rating 3.74)
3. SS Verma, **RS Verma**, SK Verma, P Sanjay (2016). Effect of chemicals and growth regulators on yield and quality of ber cv Gola. Environment and Ecology 34 (4A), 1874-1877. (NAAS rating 4.18)
6. Research guidance (if any):

Prof. R. B. Ram:

- 07 Student Awarded in Ph.D. & Guided 05 students at M Sc level.

Prof. Sanjay Kumar:

- 05 Student in M. Sc. (Ag.) Horticulture and Ph. D.

Awarded-03

Prof. Deepa H. Dwivedi:

- Guided 05 students at M Sc level

Dr. M. L. Meena:

- 01 Student submitted the thesis & Guided 05 students at M Sc level.

Dr. Sutanu Maji:

- Ph D – 02 (Continuing)

7. Membership/fellowship of professional/academic bodies (if any):

Prof. R. B. Ram

- Horticultural Society of India, New Delhi, India
- Indian Society of Vegetable Science, Indian Institute of Vegetable Research, Jakhini Shahanshpur, Varanasi.
- The Horticultural Society of Haryana, India
- Society for Advancement of Horticulture, Nadia, West Bengal.
- Biosciences & Agriculture Advancement Society (BAAS), Meerut (India).

Prof. Sanjay Kumar:

- U. P. Academy of Agricultural Science, U. P. Council of Agricultural Research, Lucknow

Dr. Sutanu Maji:

- Convenor Music event South Asian Universities Festival 2016
- Member 26th All India Congress of Zoology and International seminar during 29-30 October, 2015
- Life member of Samagra Vikash Welfare Society

Dr. Ravi Shankar Verma

- Horticultural Society of India, New Delhi, India

8. Google scholar profile (if available)

Prof. R. B. Ram:

Citation indices	All	Since 2012
Citations	186	163
h-index	7	6
i10-index	4	4

Prof. Sanjay Kumar

Citation indices	All	Since 2012
Citations	151	129
h-index	7	7
i10-index	4	3

Prof. Deepa H. Dwivedi

Citation indices	All	Since 2012
Citations	74	60
h-index	4	4
i10-index	2	2

Dr. M. L. Meena:

Citation indices	All	Since 2012
Citations	49	46
h-index	4	3
i10-index	0	0

Dr. Sutanu Maji

Citation indices	All	Since 2012
Citations	179	172
h-index	8	8
i10-index	6	6

DEPARTMENT OF BIOTECHNOLOGY

Introduction of the Department:

The Department of Biotechnology started in September, 2005 under the School for Biosciences and Biotechnology. The present intake capacity is 30 students. Apart from M. Sc in Biotechnology, the department also offers Ph. D in Biotechnology with diverse field of specialization including, Enzyme Technology and Protein Chemistry, Microbial Technology, Plant Molecular Biology and Immunotechnology, Neurobiology.

Department has also started Brain & Cognition Science with intake capacity of 20 Students from the year 2012. This is a highly research oriented course giving world class training in neurosciences.

Biotechnology, being a multidisciplinary subject, requires knowledge from various areas of biological as well as technological sciences. It encompasses understanding of fundamental concepts and their applications in the area of Molecular biology, Cell Biology, Immunology, Microbiology, Biochemistry, Bioinformatics and Bio-processing.

Keeping in view the developing of modern applied aspect of the subject, Biotechnology has now become a multi-billion dollar industry. The teaching

programme caters to the requirement of Biotechnology Industry and Institutes in India and abroad.

The syllabus was revised in academic year 2015-2016 with a great care so that the theory, practicals 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 are also available to meet the areas of interest of individual students.

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.

Citation Index of the Department (Overall):

Sl. No.	Name	Designation	Citation	h-index	i10-index
1.	Prof. M. Y. Khan	Professor	1079	16	27
2.	Dr. D.R. Modi	Associate Professor	796	14	17
3.	Dr. Sangeeta Saxena	Associate Professor	538	13	15
4.	Dr. G. Sunil Babu	Assistant Professor	135	06	06
5.	Dr. Anand Prakash	Assistant Professor	689	10	10
6.	Dr. Monica Sharma	Assistant Professor	269	08	07

Department Level Academic Activities:

Seminars, Conferences, Presentations, Quiz etc

- a) Organized Lectures & Poster Presentation on 4th Lucknow Science Congress in Department of Biotechnology on 02, 03-03-2017.

Course Offered:

- a) M. Sc Biotechnology.
b) M. Sc Brain & Cognition Sciences.

- c) M. Sc Forensic Science & Criminology.
d) Ph. D. Biotechnology.

Visitors to the schools, if any: Organized Guest Lectures on “Head & Neck Cancer-Integrative genomic analysis and next step in Immunotherapy” by Dr. Arun Khattri, Department of Medicine, University of Chicago, U.S.A.

Faculty wise Supervision of the Ph. D.:

Sl. No.	Students	Guide	Co-guide	Title	Date of Registratio
1.	Ms. Vineeta Singh	Prof. M. Y. Khan	Prof. Nuzhat Husain, RMLIMS, Lucknow	Tumor suppressor gene expression in HPV positive and Negative oral squamous cell Carcinoma:Correlation with Clinicopathological variables.s	08-08-2012
2.	Ms. Gunjan Mishra	Prof. M. Y. Khan	Dr. Versha Gupta, CSJMU, Kanpur.	Biochemical studies and genetic polymorphism involved in Diabetes in north India Population.	14-02-2012
3.	Ms. Sneha	Prof. M. Y. Khan	Dr. Anand Prakash	Dysregulation of a set of miRNAs by Ethanal leads to Alcoholism.	09-08-2012
4.	Mr. Vivek Kumar	Prof. M. Y. Khan	Dr. Versha Gupta, CSJMU, Kanpur.	Effect of genetic variation of PTPN22 and TIMP4 in the susceptibility of Rheumatoid arthritis in north India Population.	10-02-2012
5.	Mr. Akhilesh Jaiswal	Dr. D. R. Modi	Dr. Narayan Prasad and Dr. Vikas Agarwal, SGPGIMS, Lucknow.	Immune profile of glucocorticoid resistant Nephrotic Syndrome patient	10-02-2012
6.	Mr. Nagendra Kharwar	Dr. D. R. Modi	Prof. K.N. Prasad, SGPGIMS, Lucknow.	Role of Host factor in pathogenesis of Guillain-Barre syndrome.	07-02-2012
7.	Mr. Sudhir K. Shekhar	Dr. D. R. Modi		Role of bacteria in degradation of polycyclic aromatic compounds (PAH) from hydrocarbon contaminated Sites.	09-02-2012
8.	Mr. Jai Godeja	Dr. D. R. Modi		Diversity, activity, antibiotic and heavy metal resistance of bacteria from petroleum hydrocarbon contaminated soils located in Chharrisgarh.	13-02-2012
9.	Mr. Durgesh Dubey	Dr. D. R. Modi	Dr. Dinesh Kumar	NMR based Metabolomics of Synovial Fluid from patient with Reactive Arthritis (ReA) for Identifying abnormal metabolic status.	23-09-2013
10.	Ms. Ekta Makhija	Dr. D. R. Modi	Dr. Swasti Tiwari, SGPGIMS.	Effect of high glucose and / or high insulin receptor signaling and nitric oxide metabolism in renal epithelial cells.	23-07-2014
11.	Ms. Priyanka Varun	Dr. Sangeeta Saxena	Dr. S.A. Ranade	Development of Generic resistance strategy against PaLLCuV infection based on viral genomic variability	20-09-2013

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
12.	Ms. Kavita	Dr. Sangeeta Saxena	Dr. Madan Lal	Improvement on micro propagation protocol for rapid seed production and fidelity analysis of plants using molecular markers in sugarcane.	24-09-2013
13.	Ms. Kriti Roopendra	Dr. Sangeeta Saxena	Dr. Amaresh Chandra	Transcriptomic analysis of sours sink dynamics associated with sugar accumulation in Sugarcane.	23-09-2013
14.	Mr. Saurabh Verma	Dr. Sangeeta Saxena	Dr. Pradhyumna Singh, NBRI	A study on siRNA mediated resistance against Papaya Leaf Curl Virus (PaLCuV)	21-07-2014
15.	Mr. Rajesh Kumar	Dr. Sangeeta Saxena		Ongoing Pre-PhD. Course work	2016-17
16.	Ms. Nikita Shukla	Dr. Sangeeta Saxena		Ongoing Pre-PhD. Course work	2016-17
17.	Mr. Raj Kumar Khalko	Dr. Sangeeta Saxena		Ongoing Pre-PhD. Course work	2016-17
18.	Mr. Alok Kumar	Dr. G. Sunil Babu	Dr. Pradyumn Singh	A study of newer prognostic epigenetic markers SRFP1 & IGFBP3 in colorectal carcinoma.	23-09-2014
19.	Mr. Piyush Chaudhary	Dr. G. Sunil Babu	Dr. Satish Kumar Gupta	Role of Hepatocyte growth factor and WNT signaling pathway in trophoblastic cell migration under normal and hypoxic condition.	20-09-2014
20.	Mr. Abhishek Pandeya	Dr. G. Sunil Babu		Investigation(s) on the HCMV miRNA's role among the cellular death pathways.	13-08-2015
21.	Mr. Sarfraj Ah. Siddiqui	Dr. Anand Prakash		To study the role of different subsets of HDACs (Histone Deacetylases) in fear memory consolidation and extinction.	09-09-2012
22.	Mr. Atul	Dr. Anand Prakash		Identification and Characterization of Biomarkers using NMR based Metabolomics: Implication to Disease Diagnosis and Treatment Monitoring.	06-08-2012
23.	Mr. Sanjay Singh	Dr. Anand Prakash		Histone acetylation related enhanced expression of CREB target genes may underlie erasure of fear memory leading to extinction	13-08-2015

K. Co-curricular / Extra-curricular / conference event organized by the Department:

various occasions like Teachers day, Welcome, Farewell etc; Plantation drives

Cultural programs organized by students on

M. Research projects:

Sl. No.	Title of the Project	Funding agency/ Ministry	PI/Co-PI	Duration of the project	Status of Project	Estimate cost/Amount (in Rupees)
1	Developing one step multiplex PCR based diagnostic kit to detect viral disease and desired sex in juvenile papaya for improved production.	University Grants Commission, New Delhi	PI: Dr. Sangeeta Saxena Co -PI: Prof. R.B. Ram	03 Years	Completed	10,000,00/-

Sl. No.	Title of the Project	Funding agency/ Ministry	PI/Co-PI	Duration of the project	Status of Project	Estimate cost/Amount (in Rupees)
2	In-silico search for potential siRNA sequence to develop germinivirus resistant papaya crop.	Department of Biotechnology, New Delhi	PI: Dr. Sangeeta Saxena Co-PI: Dr. G. Sunil Babu	03 Years +01 Year extension	Completed	24,82,000/-
3	Role of miRNA(s) in Carica papaya Leaf juice for accelerating blood platelet count during dengue fever (DH) : An augment for Dangué therapy	UPCST	PI: Dr. Sangeeta Saxena	03 Years	Ongoing	9,00,000/-
4	Role of Epigenetics in fear memory consolidation and extinction	Department of Biotechnology, New Delhi	PI: Dr. Anand Prakash	03 Years	Completed	63,07,000/-
5	A Novel Role of CREB and its target genes during Fear Memory Erasure leading to Extinction.	Department of Science & Technology, New Delhi	PI: Dr. Anand Prakash	03 Years	Completed	26,20,000/-
6	Role of protease activated receptors in glioma migration and invasion	Department of Biotechnology, New Delhi	PI: Dr. Anand Prakash	03 Years	Ongoing	25,79,800/-

Academic details/activities of the Faculty of your Department under the following heads:

Faculty Profile:

Sl. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. M. Y. Khan	Professor	M.Sc. M. Phil., Ph.D.	Protein chemistry and Enzyme Technology
2.	Dr. D.R. Modi	Associate Professor	M. Sc., Ph.D.	Microbial Technology and Bioremediation
3.	Dr. Sangeeta Saxena	Associate Professor	M. Sc., M. Phil. Ph.D.	Plant Molecular Biology, Molecular Markers, Transgenic Plants
4.	Dr. G. Sunil Babu	Assistant Professor	M. Sc., Ph.D.	Immunotechnology, Animal Biotechnology
5.	Dr. Anand Prakash	Assistant Professor	M. Sc., Ph.D.	Neurobiology and Biochemistry
6.	Dr. Monica Sharma	Assistant Professor	M. Sc., Ph.D.	Enzyme Technology and Microbial Technology

Prof. M. Y. Khan**Faculty Details:-**

Name	: Prof. M.Y. Khan
Designation	: Professor
Department	: Biotechnology
Qualification	: M.Sc. M. Phil., Ph.D.
Area of specialization	: Enzyme Technology & Proteomics

1. Member of Board/Committee (outside BBAU)

- **Member, General Body** (Governing body), Council of Science & Technology, Uttar Pradesh, Lucknow, July 28, 2016 – July 27, 2020.
- **Member, Academic Council**, Baba Ghulam Shah Badshah University, Rajouri (J&K), July 27, 2016 – continuing.
- **Member, Advisory Committee** (Biotechnology), Council of Science & Technology, Uttar Pradesh, October 14, 2015 – continuing.
- An empanelled and active **Assessor** of the *National Assessment and Accreditation Council* (NAAC), Bangalore since February 2014.
- **Honorary Member, Board of Governors**, Azad Institute of Pharmacy & Research, Lucknow, July 16, 2011 – continuing
- **Honorary Member, Board of Governors**, Azad Institute of Engineering & Technology, Lucknow, March 01, 2011 – continuing

2. Research Publications:**Book:**

- Principles of Enzyme Technology. **M. Y. Khan** and Farha Khan PHI Learning Pvt. Ltd., Delhi, 2015.

Paper published:

- P16 and p53 in HPV Positive versus Negative

Oral Squamous Cell Carcinoma (OSCC): Do Pathways Differ? Vineeta Singh, Nuzhat Husain, Naseem Akhtar, **M. Y. Khan**, Abhinav A. Sonkar and Vijay Kumar. *J. Oral Pathol. & Med* (2017) In Press 10 FEB 2017 11:40AM EST | DOI: 10.1111/jop.12562 (ISSN No. 1600-0714, I.F. 1.859)

- Iron Profile and Glycaemic Control in Patients with Type 2 Diabetes Mellitus.

Gunjan Misra, Surendra Kumar Bhattar, Ajai Kumar, Varsha Gupta, and **Mohd Y. Khan**

Med. Sci. (2016) **4**, 1-8, doi:10.3390/medsci4040022 (ISSN 2076-3271)

- Prevalence of Comorbidities in Patients With Type 2 Diabetes Mellitus.

Gunjan Misra, S K Bhattar, Ajai Kumar, Varsha Gupta and **M Y Khan**

Int. J. Adv. Res. (2016) **4**, 1881-1890 <http://dx.doi.org/10.21474/IJAR01/2288> (ISSN: 2320-5407, I.F. 5.33)

- Impact of Genetic Variations in C-C Chemokine Receptors and Ligands on Infectious Diseases.

Tabish Qidwai and **M.Y. Khan** *Human Immunology* (2016) **77**, 961-971, <http://dx.doi.org/10.1016/j.humimm.2016.06.010>

(ISSN: 0198-8859 (Print), 1879-1166 (Electronic), I.F. 2.127)

3. Invited Speaker/Session Chaired in National/International Conferences details (if any)

- **Chaired the Plenary Session** on February 14 in the International Conference on 'Updates in Cancer Prevention and Research (ICUCPR-2017)' organized by B.B. Ambedkar University, Lucknow, February 14-16, 2017.
- **Chaired the Oral Session-I** on February 14 in the International Conference on 'Updates in Cancer Prevention and Research (ICUCPR-2017)' organized by B.B. Ambedkar University, Lucknow, February 14-16, 2017.

4. Research Guidance:

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
1.	Ms. Vineeta Singh	Prof. M. Y. Khan	Prof. Nuzhat Husain, RMLIMS, Lucknow	Tumor suppressor gene expression in HPV positive and Negative oral squamous cell Carcinoma:Correlation with Clinicopathological variables.s	08-08-2012
2.	Ms. Gunjan Mishra	Prof. M. Y. Khan	Dr. Versha Gupta, CSJMU, Kanpur.	Biochemical studies and genetic polymorphism involved in Diabetes in north India Population.	14-02-2012
3.	Ms. Sneha	Prof. M. Y. Khan	Dr. Anand Prakash	Dysregulation of a set of miRNAs by Ethanal leads to Alcoholism.	09-08-2012
4.	Mr. Vivek Kumar	Prof. M. Y. Khan	Dr. Versha Gupta, CSJMU, Kanpur.	Effect of genetic variation of PTPN22 and TIMP4 in the susceptibility of Rheumatoid arthritis in north India Population.	10-02-2012

6. Membership / Fellowship of Professional / Academic Bodies (if any):

- *Life Member* (Membership No. 365) of the *Society of Biological Chemists, Bangalore, India.*
- *Life Member* (Membership No. L23101) of the *Indian Science Congress Association, Kolkata, India*
- *Life Member* of *Biotechnology Society of India, New Delhi, India.*
- *Active Member* (Membership No. 219804-A-8811), *New York Academy of Sciences, New York, U.S.A.*

7. Google Scholar Profile

Citation indices	All	Since 2012
Citations	1079	529
h-index	16	11
i10-index	27	15

Dr. Dinesh Raj Modi

Faculty Details:-

Name	: Dr. D. R. Modi
Designation	: Associate Professor
Department	: Biotechnology
Qualification	: M.Sc, Ph.D.
Area of specialization	: Microbial Technology and Bioremediation

1. Members of Board/Committee (outside BBAU):

- Member, Board of Studies, Department of Biotechnology, Mahatma Gandhi Central University, Motihari, Bihar from 2016 continue.

Details of Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017):

- DST-SERB N-PDF to Dr. Madhukar Saxena from 17th May 2016 to till date entitled "An association of inflammation profile and surface antigens of adipocytes in relation to anti-diabetic drugs with diabetes in in-vitro and in-vivo analysis" as a principal investigator under Dr. D.R. Modi, Associate Professor in Department of Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow.
- UGC-Dr. D. S. Kothari post Doctoral Fellowship to Dr. Madhukar Saxena from 13th September 2013 to 16th May 2016 entitled "Gene expression of inflammatory markers and effect of glucose on adipocyte and preadipocytes in relation to antidiabetic drugs" under Dr. D.R. Modi, Associate Professor in Department of Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow.

2. Research Publications (s):

- Madhukar Saxena and **Dinesh Raj Modi (2016)**. Role of adipocytes in Obesity and Diabetes: Its Potential therapeutic prospects. *Int J Diabetology Vasc Dis Res* 4(4):166-170. (I.F: 1..283).

- P Kumar, M Kamle, AK Misra, A O'Donovan, M Pagano, **DR Modi** (2016). Identification and characterization of *Fusarium mangiferae* as pathogen of mango malformation in India. *Brazilian Archives of Biology and Technology* 59. (I.F: 0.546).
- NK Kharwar, KN Prasad, VK Paliwal, **DR Modi** (2016). Association of NOD1 and NOD2 polymorphisms with Guillain-Barré syndrome in Northern Indian population. *Journal of the neurological sciences* 363, 57-62. (I.F: 2.474).
- NK Kharwar, KN Prasad, M Rai, VK Paliwal, **DR Modi** (2016). Association of TLR2 And Il-8 Polymorphisms And Their Expression In Guillain-Barré Syndrome. *International Journal of Pharmaceutical Sciences and Research* 7 (9), 3695. (I.F: 1.208).
- J Godheja, SK Shekhar, GNV Satyanarayan, SP Singh, **DR Modi** (2017). Antibiotic and Heavy Metal Tolerance of Some Indigenous Bacteria Isolated From Petroleum Contaminated Soil Sediments with A Study of Their Aromatic Hydrocarbon Degradation Potential. *Int. J. Curr. Microbiol. App. Sci* 6 (3), 194-211.
- A Rawat, RK Srivastava, D Dubey, A Guleria, S Singh, A Prakash, **DR Modi** (2017). Serum Metabolic Disturbances Hailing in Initial Hours of Acute Myocardial Infarction Elucidated by NMR based Metabolomics. *Current Metabolomics* 5 (1), 55-67.
- NK Kharwar, KN Prasad, K Singh, VK Paliwal, **DR Modi** (2017). Polymorphisms of IL-17 and ICAM-1 and their expression in Guillain-Barré syndrome. *International Journal of Neuroscience* 127 (8), 680-687. (I.F: 1..216).

3. Research Guidance:

- a. Mr. Sudhir K Shekhar – Degradation and characterization of HMW polycyclic aromatic compounds (Anthracene, Caronene and Naphthocene) by indigenous bacterial strains from hydrocarbon contaminated (Oil Refineries) sites.
- b. Mr. Jai Godheja – Characterization of benzene, toluene, naphthole and acenaphthene degrading bacteria isolated from petroleum oil contaminated soil sediments located in Chhattisgarh and evaluation of their antibiotic

and heavy metal resistance.

- c. Mr. Akhilesh Kumar Jaiswal - Immune profile of gulcocorticoid resistant nephritic syndromes patents.
 - d. Mr. Nagendra Kumar Kharwar - Role of host factor in the pathogenesis of Guillain -Barre syndromes.
 - e. Mr. Durgesh Dubey - NMR based metabolomics of synovial fluids from patients with reactive Arthritis (ReA) for identifying abnormal metabolic status
 - f. Ms. Ekta Makhija - Role of insulin in maintenance of blood pressure by regulating nitric oxide production and its paracrine potential in renal epithelial cells.
4. Membership/Fellowship of Professional/ Academic Bodies (if any):
 - a. Association of Microbiologists of India - Life Member
 - b. Biotech Research Society of India - Life Member
 - c. Society of Biological Chemists, India - Life Member
 - d. Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT) - Life Member
 - e. Indian Science Congress - Life Member

5. Google Scholar Profile

Citation indices	All	Since 2012
Citations	796	525
h-index	14	10
i10-index	17	12

Dr. Sangeeta Saxena

Faculty Details:-

Name	: Dr. Sangeeta Saxena
Designation	: Associate Professor
Department	: Biotechnology
Qualification	: Post Doctorate: Molecular Biology Plant Biotechnology (from Sweden), Ph.D. , M.Phil.

Area of Specialization : Molecular Biology,
Molecular Virology,
RNAi, Plant
Biotechnology

Book Chapter-

Sangeeta Saxena and Saurabh Verma (2016). Harnessing the genetic variability in Plant –Virus – Vector complex interaction in Begomovirus family to prevent viral disease outbreak. Book: Recent Advances in Applied Biosciences. ISBN No.978-93-84337-64-3.

Publication-

- Priyanka Varun, S.A.Ranade and **Sangeeta Saxena** (2017). A molecular insight into papaya leaf curl—a severe viral disease. **Protoplasma** (DOI 10.1007/s00709-017-1126-8) ISSN NO. ISSN 0033-183X (Impact 2.83)
- Virendra Shukla, **Sangeeta Saxena** and Sudeep Tiwari (2016). Caenorhabditis elegans as a toolkit for studying mammalian aging pathways. **Journal of Nutrition and Food Sciences**. Vol 6(5). (ISSN 2155-9600)
- **Sangeeta Saxena**, Vijay K Singh and Saurabh Verma (2016). PCR mediated detection of sex and PaLCuV infection in papaya –A review. **Journal of Applied Horticulture**. 18(1) 80-84. (ISSN 0972-1045) (NAAS Score 3.0)
- Kavita, M. Lal and **Sangeeta Saxena** (2016). Propogating Sugarcane in vitro: An opportunity for Indian sugar industry. **Agrica**. Vol (5) 7-19 (ISSN 2320-1193) (NAAS Score 2.23)
- Jyoti Verma, Dhiraj Kumar and **Sangeeta Saxena** (2016). Potential remediation of silk degumming solution a byproduct of silk industry using alkaline protease producing bacteria isolated

from Northern India. **Der Pharmacia Lettre**. Vol 8(2) 393-397. (ISSN 0975-5071)

Project:-

- Role of miRNA in *Carica papaya* juice for accelerating blood platelet counts during dengue fever (DH): An augment for dengue therapy. Awarded by Council of Science and Technology, U.P. Vigyan Bhawan Lucknow. (Major Research Project), by **Dr. Sangeeta Saxena (PI)**.

Rs. 10.44 lakh only. 3 years (20 May 2015 Award of sanction letter. Start date August 2015 - onwards)

- Identification and functional analysis of antiapoptotic HCMV miRNAs. Awarded by DBT, Govt. of India. (Major Research Project), by **Dr. Sangeeta Saxena (Co-PI)**.Rs. 74. 88 lakhs June 2017-2020

Conference and Invited Lectures:

- **Attended, participated and gave an oral presentation on “RNA Interference in Agricultural Sciences Lucknow Science Congress LUSCON- 2017 held at Babasaheb Bhimrao University, Lucknow during 3-4 March,2017.**
- **Keynote Speakers at National Seminar on Advances in Plant Science Frontier: Development and Environment held on 26-27 November 2016 at Deptt. of Botany, Gandhi Faiz-e-Azam College, Shahjahanpur. U.P. Title: RNA Interference in Agricultural Sciences.**
- **Delivered an invited lecture on “RNAi technology” on September 9, 2016 in a workshop on Recent Trends in Bioinformatics and Computational Biology: An Introduction. during September 07-09,2016 at Biotech Park, Lucknow**

1. Research Guidance:

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
1.	Ms. Priyanka Varun	Dr. Sangeeta Saxena	Dr. S.A. Ranade	Development of Generic resistance strategy against PaLCuV infection based on viral genomic variability	20-09-2013
2.	Ms. Kavita	Dr. Sangeeta Saxena	Dr. Madan Lal	Improvement on micro propagation protocol for rapid seed production and fidelity analysis of plants using molecular markers in sugarcane.	24-09-2013
3.	Ms. Kriti Roopendra	Dr. Sangeeta Saxena	Dr. Amaresh Chandra	Transcriptomic analysis of sours sink dynamics associated with sugar accumulation in Sugarcane.	23-09-2013

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
4.	Mr. Saurabh Verma	Dr. Sangeeta Saxena	Dr. Pradhyumna Singh, NBRI	A study on siRNA mediated resistance against Papaya Leaf Curl Virus (PaLCuV)	21-07-2014
5.	Ms. Nikita Shukla	Dr. Sangeeta Saxena		Ongoing Pre-Ph. D Course work	2016-17
6.	Mr. Raj Kumar Khalko	Dr. Sangeeta Saxena		Ongoing Pre-Ph. D Course work	2016-17
8.	Mr. Rajesh Kumar	Dr. Sangeeta Saxena		Ongoing Pre-Ph. D Course work	2016-17

Google Scholar Profile

Citation indices	All	Since 2012
Citations	538	251
h-index	13	9
i10-index	15	9

Dr. G. Sunil Babu

Faculty Details:-

Name	: Dr. G. Sunil Babu
Designation	: Assistant Professor
Department	: Biotechnology
Qualification	: M. Sc., Ph.D.
Area of Specialization	: Immunotechnology, Animal Biotechnology, RNAi, Plant Biotechnology

- Awards and Recognition:** NIL
- Book (s)/ Book Chapter(s) authored, edited books, monograph:** NIL
- Details of project sanctioned/ executed:** NIL
- Research Publications: (2016-2017):** NIL
- Participation in orientation/refresher course/ workshop/ seminar/ conferences:**

Refresher Course:

- Attended *Refresher Course (Summer School)* in Biotechnology in the Academic Staff College, University of Lucknow, Lucknow, Uttar Pradesh and obtained "A" grade in 8th June, 2016 to 29th June, 2016.

Workshop:

- Attended "*Workshop on Fundamentals of Animal Cell Cultures*" by Institute of Bioinformatics, Bangalore in 04- 06 April, 2016.

Conference attended:

- Attended 4th LUSCON 2017 (Lucknow Science Congress) held during 3rd and 4th March, 2017, organized by Babasaheb Bhimrao Ambedkar University, Lucknow.

International:

- Attended International Conference on Updates in Cancer Prevention & Research (ICUCPR-2017), organized by BBAU, Lucknow and give oral talk on the topic "Role of Viral miRNAs in the Carcinogenesis of Human tumor." 14th to 16th February, 2017.

Poster presentation:

- Alok Kumar, **G Sunil Babu** (2017), got IInd Prize in Poster Presentation on topic entitled "**WNT antagonist SFRP1 in gene promotor hypermethylation as a prognostic marker for Colorectal Cancer**" in *International Conference on Updates on Cancer Prevention and Research (ICUCPR-2017)* organized by BBAU, Lucknow during 14th Feb, 2017 to 16 Feb, 2017.
- Abhishek Pandeya, **G Sunil Babu**, (2016) got Ist Prize in Poster Presentation on topic entitled "**Investigation(s) on the role of HCMV miRNAs on cellular death pathways**" in *National Conference on Advances in Plant Science Frontier: Development and Environment* organized by Department of Botany, Gandhi Faiz-e-Aam College, Shahjahanpur during 26th and 27th November, 2016.
- Invited speaker/ session chaired in national/ International conferences:

National:

- Delivered a talk on "**Viral miRNAs: An Insight**" in *National Conference on Advances in Plant Science Frontier: Development and Environment* organized by Department of Botany, Gandhi Faiz-e-Aam College, Shahjahanpur during 26th and 27th November, 2016.

International

- Attended International Conference on Updates in Cancer Prevention & Research (ICUCPR-2017), organized by BBAU, Lucknow and give oral talk on the topic "Role of Viral miRNAs in the Carcinogenesis of Human tumor." 14th to 16th February, 2017.

7. Research Guidance:

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
1.	Mr. Alok Kumar	Dr. G. Sunil Babu	Dr. Pradyumn Singh	A study of newer prognostic epigenetic markers SFRP1 & IGFBP3 in colorectal carcinoma.	23-09-2014
2.	Mr. Piyush Chaudhary	Dr. G. Sunil Babu	Dr. Satish Kumar Gupta	Role of Hepatocyte growth factor and WNT signaling pathway in trophoblastic cell migration under normal and hypoxic condition.	20-09-2014
3.	Mr. Abhishek Pandeya	Dr. G. Sunil Babu		Investigation(s) on the HCMV miRNA's role among the cellular death pathways.	13-08-2015

8. Membership/Fellowship of Professional/Academic Bodies (if any)

Member Secretary, Institutional Biosafety Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh- 226025. (2nd August, 2016 to Date).

9. Google Scholar Profile: Available (<https://scholar.google.co.in/citations?user=r-lhgDYAAA&hl=en&oi=ao>)

Google Scholar Profile

Citation indices	All	Since 2012
Citations	135	121
h-index	6	6
i10-index	6	6

10. Achievements of the students guide by me:

- Got Second Prize in Poster Presentation on the topic entitled "*WNT antagonist SFRP1 in gene promotor hypermethylation as a prognostic marker for Colorectal Cancer*" by **Alok Kumar***, Pradyumn Singh, **Sunil G Babu** in International Conference on Updates on Cancer Prevention and Research (ICUCPR-2017) organized by BBAU, Lucknow during 14th Feb, 2017 to 16th Feb, 2017.
- Got First Prize in poster presentation on the topic entitled "*Investigation(s) on the role of HCMV miRNAs on cellular death pathways*" by **Abhishek Pandeya***, **G Sunil Babu** in National Conference on Advances in Plant Science Frontier: Development and Environment organized by Department of Botany, Gandhi Faiz-e-Aam College, Shahjahanpur during 26th and 27th November, 2016

Dr. Anand Prakash

Faculty Details:-

Name	: Dr. Anand Prakash
Designation	: Assistant Professor
Department	: Biotechnology
Qualification	: M. Sc., Ph.D.
Area of Specialization	: Neurobiology and Biochemistry

Publication-

- Anil K. Sahdeva, Vinit Raja , Ashok K. Singh, Amit Rai , Amit K. Kesharia , Arnab Deb, Amalesh Samanta , Umesh Kumar , Atul Rawat, Dinesh Kumar , Sneha Nath , **Anand Prakash** , and Sudipta Saha, Ameliorative effects of pyrazinoic acid against oxidative and metabolic stress Q1 manifested in rats with dimethylhydrazine induced colonic carcinoma, *Cancer Biology & Therapy* 2017, Vol. 0, No. 0, 1–10 <http://dx.doi.org/10.1080/15384047.2017.1310341>.
- A Rawat, S Chaturvedi, AK Singh, A Guleria, D Dubey, AK Keshari, V Raj, A Rai , **A Prakash** , U Kumar , D Kumar and S Saha, Metabolomics approach discriminates toxicity index of pyrazinamide and its metabolic products, pyrazinoic acid and 5-hydroxy pyrazinoic acid, *Human and Experimental Toxicology* 1–17, DOI: 10.1177/0960327117705426 journals.sagepub.com/home/het.
- A Rani, S Roy, M Singh, U Devi, RK Yadav, S Gautam, JK Rawat, á-Chymotrypsin regulates free fatty acids and UCHL-1 to ameliorate N-methyl nitrosourea induced mammary gland carcinoma in albino wistar rat *Inflammopharmacology* 24 (5), 277-286

- S Yadav, V Tiwari, M Singh, RK Yadav, S Roy, U Devi, S Gautam...., Comparative efficacy of alpha-linolenic acid and gamma-linolenic acid to attenuate valproic acid-induced autism-like features, Journal of Physiology and Biochemistry, 1-12
- Atul Rawat, Durgesh Dubey, Anupam Guleria, Umesh Kumar, Amit K. Keshari, Swati Chaturvedi, **Anand Prakash**, Sudipta Saha, Dinesh Kumar, 1H NMR based serum metabolomics reveals erythromycin induced liver toxicity in albino Wistar rats, J Pharm Bioall Sci., 2016;8:327-34 DOI: 10.4103/0975-7406.199339.
- Sarfraj Ahmad Siddiqui, Sanjay Singh, Vandana Ranjan. Rajesh Ugale, Sudipta Saha, **Anand Prakash**, Cell Mol Neurobiol (2017) doi:10.1007/s10571-017-0464-6
- Amit K. Keshari · Ghanendra Kumar · Priya S. Kushwaha · [...] · Sudipta Saha Isolated flavonoids from Ficus racemosa stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats Feb 2016, Journal of Ethnopharmacology, Volume 181, 2 April 2016, Pages 252–262 Dr. Madhukar Saxena, Dinesh Raj Modi, Sanjay Singh, and **Anand Prakash**

Projects details (Completed/ongoing)

Sl. No	Title	Agency	Period	Grant/amount mobilized (Rs. lakh)
1.	Innovative programme of UGC (M.Sc. Brain and Cognition Sciences)	UGC	2012-2017	45 Lakhs
2.	DST-CPR Project	DST	2014-2019	500 Lakhs
3.	Role of Protease Activated Receptor in Glioma migration and invasion	DBT	2015-2018	25.79 lakhs
4.	Influence of SREBP1 inhibition on post-ischemic regulation of survival and death-signaling proteins	SERB-DST	2016-19	35.20 Lakh
5.	Role of Epigenetics in fear memory consolidation and extinction	DBT, New Delhi	2011-2015	63 Lakhs
6.	Role of CREB and its target genes during fear memory erasure leading to extinction	DST, New Delhi	2012-2015	26 Lakhs

Research Guidance:

Sl. No.	Students	Guide	Co-guide	Title	Date of Registration
1.	Mr. Sarfraj Ah. Siddiqui	Dr. Anand Prakash		To study the role of different subsets of HDACs (Histone Deacetylases) in fear memory consolidation and extinction.	09-09-2012
2.	Mr. Atul	Dr. Anand Prakash		Identification and Characterization of Biomarkers using NMR based Metabolomics: Implication to Disease Diagnosis and Treatment Monitoring.	06-08-2012
3.	Mr. Sanjay Singh	Dr. Anand Prakash		Histone acetylation related enhanced expression of CREB target genes may underlie erasure of fear memory leading to extinction.	13-08-2015

Invited Talks in National and International conferences/Symposium:

- International Conference on ICFMT on 18 and 19th November 2016 organized by State Forensic Science Laboratory, Lucknow.

Google Scholar Profile

Citation indices	All	Since 2012
Citations	689	488
h-index	10	9
i10-index	10	9

Dr. Monica Sharma

Faculty Details:-

Name	: Dr. Monica Sharma
Designation	: Assistant Professor
Department	: Biotechnology
Qualification	: M. Sc., Ph.D.
Area of Specialization	: Enzyme Technology and Microbial Technology

Research Publication

Book(s)/Book Chapter (s) Authored/Edited Book/Monograph(s) (if any): No

Paper published:

- Recent advances in carbon based nanosystems for cancer theranostics. S Augustine, J Singh, M Srivastava, M Sharma, A Das, BD Malhotra. Biomaterials Science, 10.1039/C7BM00008A

International Conference/Journal/Paper Presentation (if any):

- S Sharma, S Pathak, M Sharma*, Production optimization studies on thermophilic nitrilase of *Pseudomonas* sp. KNB2. International Conference on Advances in Bioprocess Engineering and Technology (ICABET 2016-20-22 January 2016) at Kolkata, West Bengal.
- V Saxena, M Sharma*, Understanding Biological Prognostic Markers of Prostate Cancer and their clinical Potential in International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017)
- G Chauhan, M Sharma*, Non Small Cell Lung Carcinoma and its Biological Predictive and Prognostic Molecular Markers and their Clinical

Significance in International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017)

- S Singh, M Sharma*, Lung Cancer: Screening by Novel Prognostic and Diagnostic Biomarkers in International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017)
- C Singh, M Sharma*, Strategic tools for screening and diagnosis of breast cancer in International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017)

5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (if any):

Workshop/Conferences Organized:

- Organized International conference on International Conference on Updates in Cancer Prevention & Research (ICUCPR-2017), organized by BBAU
- Organized LUSCON-2017 at BBAU on 3 to 4 March 2017.

National Conferences attended

- Attended 4th LUSCON 2017 (Lucknow Science Congress) held during 3rd and 4th March, 2017, organized by Babasaheb Bhimrao Ambedkar University, Lucknow.

International Conferences attended:

- Attended International Conference on Updates in Cancer Prevention & Research (ICUCPR-2017), organized by BBAU, Lucknow and give oral talk on the topic "Role of Viral miRNAs in the Carcinogenesis of Human tumor." 14th to 16th February, 2017.
- Orientation Program at UGC-HRDC BHU from 15th Nov 2016-12th Dec 2016.

6. Research Guidance (if any) : NIL

7. Membership/Fellowship of Professional/Academic Bodies (if any):NIL

8. Google Scholar Profile (if available)- scholar.google.co.in/citations?user= JopQoAsAAAAJ&hl=en

Citation indices	All	Since 2012
Citations	268	191
h-index	08	08
i10-index	07	07

9. Any Other remarkable information: NIL

DEPARTMENT OF PHARMACEUTICAL SCIENCES

Introduction of the Department

The Department offers M.Pharm and Ph.D programs in Pharmacology and Pharmaceutics. The faculty members are all well qualified and are assisted by experts in the field of Pharmaceutical Sciences to enable a holistic environment of learning. Being placed at Lucknow, networking is possible with institutes like CSIR-CDRI, CSIR-CIMAP, SGPGI and so on. The department is equipped with state of the art infrastructure and equipment in thrust areas. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell, Springer-Verlag, Taylor & Francis and so on.

Placement Prospects

The Pharmaceutical industry is a recession Proof industry as medicines shall be required till the time that humanity exists. Apart from the Pharmaceutical industry, opportunities also exist in Contract Research Organization (CRO_s), Clinical Research Organizations, Research Institutes, Food & Drug Administration, Hospitals, Industrial Pharmacy (research and development, manufacturing and production, analysis and testing, documentation), Pharmaceutical Sales and Marketing, Drug Regulatory Affairs and Intellectual Property Rights, Academic Teaching and Research, Retail and Drug Stores, Consultant Pharmacy, Armed Services and Medical Writing.

Apart from this, there are myriad opportunities including PhD programs, research fellowships, and postdoctoral opportunities in India as well as abroad.

Faculty Profile :

Sl. No.	Name	Designation	Qualification	Area of Specialization
1	Shubhini A Saraf	Professor	M. Pharm. (pharmaceutics) PhD	Lipoidal nano-technology, Drug delivery
2	Dr. Sudipta Saha	Assistant Professor	M. Pharm. (pharmaceutical chemistry), PhD	Pharmacokinetics, Cellular Toxicology
3	Dr. Gaurav Kaithwas	Assistant Professor	M. Pharm. (pharmacology), PhD	Lipid Research, Inflammation pharmacology

Citation Index of the Department

h-index, Citations & i-10index of the Department

(1). Prof. Shubhini A. Saraf

Citations = 1102
h-index = 17
i-10index = 34

(2) Dr. Sudipta Saha

Citations = 258
h-index = 09
i-10index = 09

(3). Dr. Gaurav Kaithwas

Citations = 433
h-index = 13
i-10index = 15

Department Level Academic Activities: Conferences

1. Translational Pharmaceutical Research: Trends and implications, **20thFeb 2017**, hosted by Dept. of Pharmaceutical Sciences, BBAU Lucknow
2. Tourists and Green Spaces: Healthier life style approaches from nature, **15th&16th July 2017**

Courses offered / New Courses

- (1). M.Pharm (Pharmaceutics) (Started in 2012)
- (2). M.Pharm (Pharmacology) (Started in 2010)
- (3). Ph.D. (Pharmaceutics (Started in 2012) & Pharmacology) (Started in 2013)

Visitors to the School (if any) : (Invited Lectures)

- (i). **Dr. Vinay Singh**, Ph.D., MBA, Founder & COE, SYNG Pharmaceutical Inc., Toronto MSG 1M1. Lecture delivered dated on 24th January 2017
- (ii). **Dr. Padma Gurmet**, Scientist 4/ Officer In-charge, National Research Institute for Sowa-Rigpa, (Central Council for Research in Ayurveda and Siddha, Ministry of AYUSH, Ministry of Health and F.W, Govt. of India) Leh-Ladakh, **13th August 2016**

(iii). **Dr. Dimitrious Lamprou**, Associate Professor, University of Trent, UK, 21st Feb-2017

Accomplishment of Students

Sl. No.	Position	Placement
	Pass-out year of student	2016 (Batch 2014-16)
	Total No. of Students placed	39/40
1.	Teaching	09
2.	Ph. D	02
3.	Industry	06
4.	Government Job	01
5.	Higher Studies/competitive exams	21
	GPAT/GATE qualified	08

(1). **Ms. Malti- Ph. D. Scholar** – Participation at Inter University level.

1-Anveshan – North Zone finals (2nd prize)

2- Anveshan- National level (Participation)

(2). **Aakirti Agarwal - M. Pharm. (Pharmacology)** – National Elocution competition (U.P. State level)

Faculty wise Supervision of the Ph.D. and M.Phil Students / Dissertation and thesis submission /Degree awarded :

Sl. No.	Faculty	Department	Name of Supervisor	Name of Scholars with unique Photo ID	Ph.D. with ID/	Registration No.	Date of Registration	Research Topic
1-	Prof. Shubhini A. Saraf	Dept. of Pharmaceutical Sciences	Prof. Shubhini A. Saraf	Poonam Parashar TXQ3535325		563/13	06-09-2013	Assessment of Drug Delivery and Anticancer Potential of Multikinase Inhibitor Nanoparticles in Lung Cancer
2-	Prof. Shubhini A. Saraf	Dept. of Pharmaceutical Sciences	Prof. Shubhini A. Saraf	Malti BOJPM0495K		251/13	05-09-2013	Development and Characterization of Targeted Green Nanotechnology Based Delivery System (s) for Cancer Therapy
3-	Prof. Shubhini A. Saraf	Dept. of Pharmaceutical Sciences	Prof. Shubhini A. Saraf	Chandra Bhushan Tripathi AZDPC9753C		564/13	09-09-2013	Development and Characterization of Targeted Nanoparticulate System for Tumor Metastasis Inhibition
4-	Prof. Shubhini A. Saraf	Dept. of Pharmaceutical Sciences	Prof. Shubhini A. Saraf	Priyanka Maurya RXM0209502		1371/16	04-11-2016	Formulation and Development of Surface Functionalized Hybrid Nanoparticles for Alveolar Macrophage Targeting

Sl. No.	Faculty	Department	Name of Supervisor	Name of Ph.D. Scholars with unique ID/Photo ID	Registration No.	Date of Registration	Research Topic
5-	Prof. Shubhini A. Saraf	Dept. of Pharmaceutical Sciences	Prof. Shubhini A. Saraf	Samipta Singh UTH1005339	139/12	20-10-2016	Development and Characterization of Breast Tumor Specific Surface-functionalized Nanoformulation (s)
6-	Dr. SudiptaSaha	Dept. of Pharmaceutical Sciences	Dr. SudiptaSaha	Vinit Raj BKCP5646A	252/13	11-09-2013	Design, Synthesis and Pharmacological Screening of Novel 1,3,4-Thiadiazole derivatives
7-	Dr. SudiptaSaha	Dept. of Pharmaceutical Sciences	Dr. SudiptaSaha	Amit Rai BAIPR2363Q	253/13	09-09-2013	Design, Synthesis and Pharmacological Screening of Novel 1,4-benzohetozine derivatives
8-	Dr. SudiptaSaha	Dept. of Pharmaceutical Sciences	Dr. SudiptaSaha	Amit Kumar Keshari UP6720140001876	250/13	11-10-13	Design, Synthesis and Pharmacological Screening of Novel Substituted /Thiazolo [3,2-a] pyrimidine and Thiazolo [2,3-b] quinazoline Derivatives
9-	Dr. SudiptaSaha	Dept. of Pharmaceutical Sciences	Dr. SudiptaSaha	Ashok Kumar Singh FDTPS3769B	055/14	17-07-14	Design, Synthesis and Pharmacological screening of novel Indole fused benzo and pyridoheteroazepines
10-	Dr. Sudipta Saha	Dept. of Pharmaceutical Sciences	Dr. Sudipta Saha	Pranesh Kumar UKY5086335	1351/16	24-10-2016	Enhancement of oral bioavailability and antiproliferative potential of betulinic acid by PLGA loaded nanoparticle approach
11-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Jitendra Kumar Rawat UP3220160037404	178/11	04-09-2013	Anti-inflammatory implication of vagus Nerve Stimulation in Colon Carcinogenesis
12-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Manjari Singh BWSPM4356C	177/11	05-09-2013	Modulating Prolyl Hydroxylase (Phd2) activity to alter Glycolytic pathway and Fatty Acid Synthase expression in tumor cells
13-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Swetlana UP32A20140003266	188/11	06-09-2013	Modulating Cyclooxygenase And Lipoxygenase Pathway In Cancer Chemoprevention

Sl. No.	Faculty	Department	Name of Supervisor	Name of Ph.D. Scholars with unique ID/Photo ID	Registration No.	Date of Registration	Research Topic
14-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Rajnish Kumar Yadav AHRPY7840A	168/12	15-07-2014	Formulation, Optimization and Pharmacological Evaluation of lipid based therapeutic system for bovine mastitis
15-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Subhadeep Roy J6800538	1469/15	04-08-2015	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
16-	Dr. Gaurav Kaithwas	Dept. of Pharmaceutical Sciences	Dr. Gaurav Kaithwas	Lakhveer AOEPL3750Q	1232/15	09-09-2015	Upregulating PHD2 Activity to Downregulate HIF-1 And Subsequently FASN in Mammary Gland Carcinoma

Co-curricular/Extra-curricular /conference event organized by the Department

- 1) Interactive workshop on the occasion of Independence Day, 2016, for University students
- 2) Numerous cultural functions organized by students on the occasions of Teachers Day 2016, Welcome 2016 batch and Farewell 2015 batch.
- 3) State round of National Elocution Competition 2016 of Indian Pharmaceutical Association Nov, 2016
- 4) Hosted Debate competition organized by Gender Champs of the University, Feb 2017

Future Plans of the Department, if any

To expand with at least 04 specializations of Master of Pharmacy and B.Pharm course as well.

Research projects

(A) Project of Prof. Shubhini A. Saraf.-

- 1) Study of ICT/innovation enabled health care

facilities, in the rural, semi- urban and urban milieu for affordable healthcare. 2014 -2019, DST Center for Policy Research, 100 lac/year as Co-PI.

- 2) Development and characterization of Inositol Hexaphosphate nanoparticles for targeted drug delivery to colon for deterrence of preneoplastic damage and cancer therapy, ICMR project, PI.

(B) Project of Dr. Sudipta Saha -

(I). UGC, Major Research Project. Isolation, characterization and pharmacological screening of antidiabetic bioactive substances from medicinal plants. (10.98 Lakhs, Completed) as PI.

(II). SERB, Department of Science and Technology, *in vitro* hepatoprotective and anticancer activity and *in vivo* pharmacokinetics studies of Betulinic acid nanoparticles. (25.57 Lakhs, Ongoing) as PI.

(C) Project of Dr. Gaurav Kaithwas -

- (i). SERB, DST. Effect of Alpha Linolenic acid and Gamma Linolenic acid on breast cancer risk (46.14 Lakhs)

Academic details/activities of the faculty of your Department under the following head:

- (1) Awards & Recognition (if any)
- (2) Members of Board /Committee (outside BBAU)

(A). Prof Shubhini A Saraf

1. Inspector for Pharmacy Council of India (PCI)
 2. Member BOS, Deptt of Pharm. Sciences, MJP Rohilkhand University, Bareilly
 3. Member BOS, Deptt of Pharm. Sciences, Banasthali Vidyapeeth, Banasthali
 4. Member RDC AKTU.
- (3). Details of the Project Sanctioned /Executed (during 01-04-2016 to 31-03-2017)

(A). Prof Shubhini A Saraf :-

- (i). Development and characterization of Inositol Hexaphosphate nanoparticles for targeted drug delivery to colon for deterrence of preneoplastic damage and cancer therapy, ICMR project, PI.

(B). Dr. Sudipta Saha :**(C). Dr. Gaurav Kaithwas:****(4) Research Publication (s)**

- a. Books (s) Books(s)/Books Chapter (s) Authored /Edited Book / Monograph (s) (if any)

(A). Prof. Shubhini A. Saraf

1. **Books** - "Book of Bridging The Science-Policy Gap for Inclusive Growth in India" **and Chapter Name -Factors Affective Rural and Urban Healthcare System using Probit Model** *Sumit Kaushal, Yogesh Bandhu, Shubhini A. Saraf, J.S. Singh, Venkatesh Dutta, Ranbir Chander Sobti.*
2. **Monograph**- A review of development in national health policy framework in India with special reference to technology and innovation: Objectives and challenges.

(B). Dr. Sudipta Saha

1. **Modern Extraction Techniques for Drugs and Medicinal Agents** in Ingredients Extraction by Physico-chemical Methods in Food. **S Saha***, AK Singh, AK Keshari, PS Kushwaha, S Maity. ISBN 9780128115213, **Elesvier**, (2017). (Chapter)
2. **Emerging Therapeutic Targets for Diabetes**, in Bio-Targets and Drug Delivery Approaches. **S Saha***, AK Singh, AK Keshari, PS Kushwaha, S Maity. ISBN 9781498729994, (CAT# K26106), CRC Press, Taylor and Francis (2016).(Chapter)
3. **NMR Based Metabolomics: An Emerging Tool for Therapeutic Evaluation of Traditional Herbal Medicines** in Nuclear Magnetic Resonance Spectroscopy. D Kumar, A Rawat, D Dubey, U Kumar, AK Keshari, **S Saha**, A Guleria. Publisher: SM Group, pp.1-18 (2016). (Chapter)

(C). Dr. Gaurav Kaithwas

1. Pollutants in tannery wastewater, their pharmacological effects and bioremediation approaches for human health protection and environmental safety Dec, 2017, Book- Environmental Pollutants and their Bioremediation Approaches to be published by the "CRC Press, Taylor & Francis Group, USA".
2. Toxic Metals in the Environment Threats on Ecosystem and Bioremediation Approaches May, 2016 in Book- Handbook of Metal-Microbe Interactions and Bioremediation
3. Distillery Wastewater: A Major Source of Environmental Pollution and Its Biological Treatment for Environmental Safety, Dec, 2016 Published by Springer International.

b- Paper Published**(i). Prof. Shubhini A. Saraf :-****Journal Articles**

1. Malti AryaPrakash Tiwari,Chandra Bhushan, Tripathi,Poonam Parashar,Mahendra Singh,Priyam Sinha,Narayan P. Yadav,Gaurav Kaithwas,Krishna P. Gupta and **Shubhini A. Saraf**, Colloidal Vesicular System of Inositol Hexaphosphate to Counteract DMBA Induced Dysregulation of Markers Pertaining to Cellular Proliferation/Differentiation and Inflammation of Epidermal Layer in Mouse Model, *Mol. Pharmaceutics*, **2017**, 14 (3), pp 928-939.**IF 4.342**

2. Sanju Singh, Poonam Parashar, Jovita Kanoujia, Indu Singh, Sudipta Saha, **Shubhini A. Saraf**, Transdermal potential and anti-gout efficacy of Febuxostat from niosomal gel, *Journal of Drug Delivery Science and Technology*, Volume 39, June 2017, Pages 348-361, ISSN 1773-2247 **IF 0.622**
3. Verma J., Kanoujia, J., Parashar, P., Tripathi, C. B., & **Saraf, S. A.** (2017). Wound healing applications of sericin/chitosan-capped silver nanoparticles incorporated hydrogel. *Drug Delivery and Translational Research*, 7(1), 77-88. **IF 3.094**
4. Danish Ahmed, Mohd. Ibrahim Khan, Gaurav Kaithwas, Subhadeep Roy, Swetlana Gautam, Manjari Singh, Uma Devi, Rajnsih Yadav, Jitendra Rawat, **Shubhini Saraf**, Molecular Docking Analysis and Antidiabetic activity of Rifabutin against STZ-NA induced diabetes in albino wistar rats, *Beni-Suef University Journal of Basic and Applied Sciences*, Available online 25 April 2017, ISSN 2314-8535
5. Sahu, V. K., Mishra, A., Sharma, N., Sahu, P. K., & **Saraf, S. A.** (2017). Physical rheological and cell viability study of some selected plant polysaccharides. *Research Journal of Pharmacy and Technology*, 10(1), 227-232.
6. Gautam, S., Roy, S., Ansari, M. N., Saeedan, A. S., **Saraf, S. A.**, & Kaithwas, G. (2017). DuCLOX-2/5 inhibition: A promising target for cancer chemoprevention. *Breast Cancer*, 24(2), **IF 1.17**
7. Singh, Neelu; Parashar, Poonam; Tripathi, Chandra Bhushan; Kanoujia, Jovita; Kaithwas, Gaurav; **Saraf, Shubhini A.** Oral delivery of allopurinol niosomes in treatment of gout in animal model. *Journal of Liposome Research* 2017, 27(2) 130-138, **IF-1.88**
8. Development of an α -linolenic acid containing soft nanocarrier for oral delivery: in vitro and in vivo evaluation Mahendra Singh, Jovita Kanoujia, Pooja Singh, Chandra B. Tripathi, Malti Arya, Poonam Parashar, Vivek R. Sinha and **Shubhini A. Saraf**. *RSC Adv.*, 2016, 6, 77590-77602. **IF 3.942**
9. Kanoujia, J., Singh, M., Singh, P. Parashar, P, Tripathi CB, Arya, M, **Saraf, S.A** Genipin crosslinked soy-whey based bioactive material for atorvastatin loaded nanoparticles: Preparation, characterization and: In vivo antihyperlipidemic study. *RSC Advances*, 2016, 6(96):93275-93287. **IF 3.942**
10. Development of an α -linolenic acid containing a soft nanocarrier for oral delivery-part II: buccoadhesive gel, Mahendra Singh, Jovita Kanoujia, Pooja Singh, Poonam Parashar, Malti Arya, Chandra Bhushan Tripathi, Vivek R. Sinha and Shubhini A. Saraf. *RSC Advances* 2016, 6:103, 101602-101612. **IF 3.942**
11. Redefining the role of peripheral LPS as a neuroinflammatory agent and evaluating the role of hydrogen sulphide through metformin intervention. V Tiwari, M Singh, JK Rawat, U Devi, RK Yadav, S Roy, S Gautam, Saraf S A ..Kaithwas, *G Inflammopharmacology* 24 (5), 253-264, 2016, **IF 2.304**
12. Sneha Yadav, Virendra Tiwari, Manjari Singh, Rajnish K Yadav, Subhadeep Roy, Uma Devi, Swetlana Gautam,**Shubhini A Saraf**, Gaurav Kaithwas. Comparative Efficacy of Alpha Linolenic Acid and Gamma Linolenic Acid to attenuate Valproic acid Induced Autism like features. *Journal of Physiology and Biochemistry*. 2016 (In press) **IF-2.054**.
13. Md. Meraj Anjum, Jovita Kanoujia, Poonam Parashar, Malti Arya, Alok K. Yadav and Shubhini A. Saraf, Evaluation of a Polymer-Lipid-Polymer System Utilising Hybrid Nanoparticles of Dapsone as a Novel Antiacne Agent, (2016) *Current Drug Therapy*, 11(2), 86-100
14. Mahendra Singh, Nidhi Gangwar, Poonam Parashar, Chandra B. Tripathi, Malti Arya, Shubhini A. Saraf and Sudipta Saha, Topical Delivery of Fluconazole via Microemulsion Incorporated Hydrogel for the Management of Fungal Dermatophytosis, (2016) *Current Drug Therapy*, 11(2), 129 - 141
15. Kanoujia, J., Singh, M., Singh, P., Saraf, S.A. Novel genipin crosslinked atorvastatin loaded sericin nanoparticles for their enhanced antihyperlipidemic activity (2016) *Materials Science and Engineering C*, 69, pp. 967-976. **IF 4.164**
16. Singh, P., Singh, M., Kanoujia, J., Arya, M., Saraf, S.K., Saraf, S.A. Process optimization and photostability of silymarin nanostructured lipid carriers: effect on UV-irradiated rat skin and SK-MEL 2 cell line (2016) *Drug Delivery and Translational Research*, 6 (5), pp. 597-609. **IF 3.094**

17. Gautam, R., Singh, M., Gautam, S., Rawat, J.K., **Saraf, S.A.**, Kaithwas, G. Rutin attenuates intestinal toxicity induced by Methotrexate linked with anti-oxidative and anti-inflammatory effects (2016) *BMC Complementary and Alternative Medicine*, 16 (1), art. no. 99, **IF 2.04**
18. Singh, M., Devi, U., Roy, S., Gupta, P.S., **Saraf, S.A.**, Kaithwas, G. Prolyl hydroxylase mediated inhibition of fatty acid synthase to combat tumor growth in mammary gland carcinoma (2016) *Breast Cancer*, pp. 1-10. **IF 1.17**
19. Singh, S., Singh, M., Tripathi, C.B., Arya, M., **Saraf, S.A.** Development and evaluation of ultra-small nanostructured lipid carriers: novel topical delivery system for athlete's foot (2016) *Drug Delivery and Translational Research*, 6 (1), pp. 38-47. **IF 1.887**
20. Singh, P., Arya, M., Kanoujia, J., Singh, M., Gupta, K.P., **Saraf, S.A.** Design of topical nanostructured lipid carrier of silymarin and its effect on 7,12-dimethylbenz[a] anthracene (DMBA) induced cellular differentiation in mouse skin (2016) *RSC Advances*, 6 (88), pp. 84965-84977. **IF 3.942**
21. Kumar, A., Gautam, S., Rawat, J.K., Singh, M., **Saraf, S.A.**, Kaithwas, G. Effect of palonosetron (5HT-3 antagonist) and pantoprazole (proton pump inhibitor) against surgical esophagitis induced by forestomach and pylorus ligation in albino rats (2016) *Human and Experimental Toxicology*, 35 (1), pp. 41-50. **IF 1.606**
22. Bhardwaj, A., Dwivedi, H., Kymonil, K.M., Pareek, A., Upadhyay, S.C., Tripathi, C.B., **Saraf, S.A.** Solubility enhancement of *Boswellia serrata* Roxb. Ex Colebr. extract through a self dispersible lipidic formulation approach (2016) *Indian Journal of Natural Products and Resources*, 7 (1), pp. 9-18. **IF 0.513**
23. Mishra, R.K., Sammi, S.R., Rawat, J.K., Roy, S., Singh, M., Gautam, S., Yadav, R.K., Devi, U., Ansari, M.N., Saeedan, A.S., **Saraf, S.A.**, Pandey, R., Kaithwas, G. Palonosetron attenuates 1,2-dimethyl hydrazine induced preneoplastic colon damage through downregulating acetylcholinesterase expression and up-regulating synaptic acetylcholine concentration (2016) *RSC Advances*, 6 (46), pp. 40527-40538. **IF 3.942**

(II)- Dr. Sudipta Saha

Journal Articles -

1. AK Singh, V Raj, **S Saha***. Indole-fused azepines and analogues as anticancer lead molecules: Privileged findings and future direction. *European Journal of Medicinal Chemistry*, 2017 (Accepted manuscript). (<https://doi.org/10.1016/j.ejmech.2017.07.042>). (**Impact Factor: 4.519**) (
2. AK Keshari, AK Singh, V Raj, A Rai, P Trivedi, B Ghosh, U Kumar, A Rawat, D Kumar, **S Saha***. p-TSA promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogues: Molecular modeling, in-vitro antitumor activity against hepatocellular carcinoma. **Drug Design, Development and Therapy, accepted Manuscript, 2017 (ID: 136692). (Impact Factor: 2.881).** (ISSN No. 1177-8881).
3. A Rai, V Raj, MH Aboumanei, AK Singh, AK Keshari, SP Verma, **S Saha***. **Pharmacophore, 3D-QSAR models and Dynamic Simulation of 1,4-Benzothiazines for Colorectal Cancer Treatment. Combinatorial Chemistry & High Throughput Screening, Accepted manuscript, 2017 (Reference no. BSP-CCHTS-2016-615). (Impact Factor: 1.041)** (ISSN No. 1875-5402)
4. A Rai, AK Singh, V Raj, **S Saha***. 1,4-Benzothiazines-A Biologically Attractive Scaffold. *Mini Reviews in Medicinal Chemistry*, Accepted manuscript, 2017. (**Impact Factor: 2.84**) (ISSN No. 1875-5607).
5. 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, 2017. DOI:10.2174/1871520617666170419122916 (Impact Factor: 2.72).** (ISSN No. 1871-5206).
6. V Raj, A Rai, **S Saha***. Human cancer cell line based approach of 1,3,4-thiadiazole and its fused ring: A comprehensive review. **Anti-cancer agents in medicinal chemistry, 2017, 17, 500-523. (Impact Factor: 2.72).** ISSN No. 1871-5206.
7. AK Keshari, AK Singh, **S Saha***. Bridgehead Nitrogen Thiazolo[3,2-a]pyrimidine: A privileged Structural Framework in Drug Discovery. **Mini**

- Reviews in Medicinal Chemistry, 2017.** DOI:10.2174/1389557517666170216142113 (**Impact Factor: 2.84**) (ISSN No. 1875-5607).
8. AK Sahdev, V Raj, AK Singh, A Rai, AK Keshari, A De, A Samanta, U Kumar, A Rawat, D Kumar, S Nath, A Prakash, **S Saha***. Ameliorative effects of pyrazinoic acid against oxidative and metabolic stress manifested in rats with dimethylhydrazine induced colonic carcinoma. **Cancer biology & therapy, 2017.** DOI:10.1080/15384047.2017.1310341 (**Impact Factor: 3.21**) (ISSN No. 1538-4047)
 9. 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, 2017.** DOI:10.1177/0960327117705426 (**Impact Factor: 1.604**) (ISSN No. 0960-3271)
 10. V Raj, A Rai, MH Aboumanei, AK Singh, AK Keshari, SP Verma, **S Saha***. Pharmacophore and 3d-qsar modeling of novel 1,3,4-thiadiazole derivatives: specificity towards colorectal cancer. *Pharmaceutical Chemistry Journal*, Accepted manuscript, 2017 (ID: 3730) (**Impact factor: 0.445**) (Publisher: Springer). (ISSN No. 1573-9031)
 11. S Singh, A Rai, S Maity, S Sarkar, S Maji, **S Saha***. Effect of ethanolic extract of *Quisqualis indica* L. flower on experimental esophagitis in albino Wistar rats. **Indian journal of experimental biology, 2017; 55(2):122-126.** (**Impact Factor: 1.12**) ISSN No. 0975-1009.
 12. S Chauhan, P Kumar, AK Singh, V Raj, A Rai, AK Keshari, A Prakash, **S Saha***. A Natural Product, Naringin, Actives against Pylorus Ligation Induced Esophagitis in Male Wistar Rats. **Indian Journal of Pharmaceutical Sciences, 2017.** (**Impact Factor: 0.762**) (ISSN No. 1998-3743)
 13. SA Siddiqui, S Singh, V Ranjan, R Ugale, **S Saha**, A Prakash. Enhanced Histone Acetylation in the Infralimbic Prefrontal Cortex is Associated with Fear Extinction. *Cellular and Molecular Neurobiology*, 2017. doi: 10.1007/s10571-017-0464-6. (**Impact Factor: 2.32**) (ISSN No. 1573-6830)
 14. P Kumar, AK Singh, V Raj, A Rai, S Maity, A Rawat, U Kumar, D Kumar, A Prakash, A Guleria, **S Saha***. 6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid attenuates hepatocellular carcinoma in rats with NMR based metabolic perturbations. **Future Science OA, 2017.** (ISSN:2056-5623)
 15. A Rai, V Raj, AK Singh, AK Keshari, U Kumar, D Kumar, **S Saha***. Design and synthesis of 1,4-benzothiazine derivatives with promising effects against colorectal cancer cells. **Cogent Chemistry, 2017, 3, 1-24.** DOI:10.1080/23312009.2017.1303909 (ISSN No. 2331-2009).
 16. S Singh, P Parashar, J Kanoujia, I Singh, **S Saha**, SA Saraf. Transdermal potential and anti-gout efficacy of Febuxostat from niosomal gel. **Journal of Drug Delivery Science and Technology, 2017.** DOI:10.1016/j.jddst.2017.04.020 (ISSN No. 1773-2247).
 17. AK Singh, V Raj, A Rai, AK Keshari, **S Saha***. Indole fused benzooxazepines: A new structural class of anti-cancer agents. **Future Science OA, 2017, 3(1), FSO168.** ISSN:2056-5623.
 18. A Rawat, D Dubey, A Guleria, U Kumar, AK Keshari, S Chaturvedi, A Prakash, **S Saha**, D Kumar*. ¹H NMR based serum metabolomics reveals erythromycin induced liver toxicity in Albino Wistar rats. **Journal of Pharmacy & Bioallied Sciences. 2016, 8, 327-34.** ISSN: 0975-7406.
- (III) Dr. Gaurav Kaithwas**
- 1) Subhadeep Roy, Atul Kumar Rawat, Shreesh Raj Sammi, Uma Devi, Manjari Singh, Swetlana Gautam, Rajnish Kumar Yadav, Jitendra Kumar Rawat, Lakhveer Singh, Mohd. Nazam Ansari, Abdulaziz S. Saeedan, Rakesh Pandey, Dinesh Kumar, **Gaurav Kaithwas**. "Alpha linolenic acid arbitrates mitochondrial apoptosis, curbs the hypoxic microenvironment and de novo fatty acid synthesis to impart anticancer effects". *Oncotarget* (In press). 2017, **IF 5.008**
 - 2) Malti Arya, Prakash Tiwari, Chandra Bhushan Tripathi, Poonam Parashar, Mahendra Singh, Priyam Sinha, Narayan P Yadav, **Gaurav Kaithwas**, Krishna P Gupta, Shubhini A Saraf. Colloidal vesicular system of Inositol hexaphosphate to counteract DMBA induced dysregulation of markers pertaining to cellular proliferation/differentiation and inflammation of epidermal layer in mouse model. *Molecular Pharmaceutics*. 2017 **IF 4.3**

- 3) Singh, Neelu; Parashar, Poonam; Tripathi, Chandra Bhushan; Kanoujia, Jovita; **Kaithwas, Gaurav**; Saraf, Shubhini A. Oral delivery of allopurinol niosomes in treatment of gout in animal model. *Journal of Liposome Research*. Volume 27, 2017 - Issue 2. 2017 **IF** 1.797
 - 4) Asha Rani, Subhadeep Roy, Manjari Singh, Uma Devi, Rajnish K. Yadav, Swetlana Gautam, Jitendra K. Rawat, Mohd. Nazam Ansari, Abdulaziz S. Saeedan, Anand Prakash, **Gaurav Kaithwas**. "α-Chymotrypsin regulates free fatty acids and UCHL-1 to ameliorate N-methyl nitrosourea induced mammary gland carcinoma in albino wistar rats", *Inflammopharmacology*. 2016 **IF** 2.304
 - 5) Chetan Manral, Subhadeep Roy, Manjari Singh, Swetlana Gautam, Rajnish K. Yadav, Jitendra K Rawat, Uma Devi, Md Nazam Ansari, Abdulaziz S. Saeedan and **Gaurav Kaithwas**. "Effect of α-sitosterol against Methyl Nitrosourea-induced mammary gland carcinoma in albino rats". *BMC Complementary and Alternative Medicine* (2016) 16:260. 2016 **IF** 1.987
 - 6) Manjari Singh, Uma Devi, Subhadeep Roy, Pushpraj S. Gupta, Shubhini A. Saraf, **Gaurav Kaithwas**. "Prolyl hydroxylase mediated inhibition of fatty acid synthase to combat tumor growth in mammary gland carcinoma". *Breast Cancer*. DOI 10.1007/s12282-016-0683-6. 2016 **IF** 1.170
 - 7) Raju Gautam, Manjari Singh, Swetlana Gautam, Jitendra Kumar Rawat, Shubhini A Saraf and **Gaurav Kaithwas**. "Rutin attenuates intestinal toxicity induced by Methotrexate linked with anti-oxidative and anti-inflammatory effects". *BMC Complementary and Alternative Medicine* (2016) 16:99 2016 **IF** 1.987
 - 8) Rakesh K. Mishra, Shreesh Raj Sammi, Jitendra K. Rawat, Subhadeep Roy, Manjari Singh, Swetlana Gautam, Rajnish K. Yadav, Uma Devi, Mohd Nazam Ansari, Abdulaziz S. Saeedan, Shubhini A. Saraf, Rakesh Pandey and **Gaurav Kaithwas**. "Palonosetron attenuates 1, 2-dimethyl hydrazine induced preneoplastic colon damage through downregulating acetylcholinesterase expression and up-regulating synaptic acetylcholine concentration". *RSC Adv.*, 2016, 6, 40527, 2016 **IF** 3.289
 - 9) Sneha Yadav, Virendra Tiwari, Manjari Singh, Rajnish K. Yadav, Subhadeep Roy, Uma Devi, Swetlana Gautam, Jitendra Kumar Rawat, Mohd. Nazam Ansari, Abdulaziz Sa Saeedan, Anand Prakash, Shubhini A. Saraf, **Gaurav Kaithwas**. "Comparative efficacy of alpha-linolenic acid and gamma-linolenic acid to attenuate valproic acid-induced autism-like features". *J Physiol Biochem*. DOI 10.1007/s13105-016-0532-2 2016 **IF** 2.054
 - 10) Swetlana Gautam, Subhadeep Roy, Mohd Nazam Ansari, Abdulaziz S. Saeedan, Shubhini A. Saraf, **Gaurav Kaithwas**. "DuCLOX-2/5 inhibition: a promising target for cancer chemoprevention". *Breast Cancer* DOI 10.1007/s12282-016-0723-2, 2016 **IF** 1.170
 - 11) Uma Devi, Vikas Kumar, Pushpraj S Gupta, Suchita Dubey, Manjari Singh, Swetlana Gautam, Jitendra K Rawat, Subhadeep Roy, Rajnish Kumar Yadav, Mohd Nazam Ansari, Abdulaziz S. Saeedan, **Gaurav Kaithwas**. "Experimental Models for Autism Spectrum Disorder Follow-Up for the Validity". *Rev J Autism Dev Disord* DOI 10.1007/s40489-016-0088-7, 2016 Virendra Tiwari, Manjari Singh, Jitendra K. Rawat, Uma Devi, Rajnish K. Yadav, Subhadeep Roy, Swetlana Gautam, Shubhini A. Saraf, Vikas Kumar, Nazam Ansari, Abdulaziz S. Saeedan, **Gaurav Kaithwas**. "Redefining the role of peripheral LPS as a neuroinflammatory agent and evaluating the role of hydrogen sulphide through metformin intervention". *Inflammopharmacol* DOI 10.1007/s10787-016-0274-3, 2016 **IF** 2.304
- c- National Conference /Journals / Paper presentation (if any)
- d. - International Conference /Journal /Paper Presentation (if any)
- 5- Participation in Orientation/Refresher Courses /Workshop /Seminar/ Conference (if any)**
- 6 Invited Speaker /Session Chaired in National /International Conference details (if any)**
- (A). Prof. Shubhini A. Saraf- Invited Speaker at the following;**
- 1) Pharmacy profession, the way ahead! Career opportunities for pharmacy students: A

seminar, 25th June' 2016, Rani Durgavati University, Jabalpur

- 2) Nutraceuticals-let food be your medicine, Nutrition week, 1st sept, 2016, HD&FS, BBAU, Lucknow
- 3) Nanoformulations, how, when, why, Annual Invited lecture series, 24th October, 2016, Government polytechnic college, Bhopal
- 4) Nanoparticles and their role in cancer treatment, ICUCPR-2017, 14th -16th February 2017, BBAU
- 5) Antioxidant loaded Nanostructured Lipid Carriers for enhanced bioavailability in the food industry, 4th Lucknow Science Congress, 3rd -4th March 2017, BBAU
- 6) Change.....Be bold, be happy!! International women's week, 3rd-9th March 2017, BBAU
- 7) Obesity and its causes in adolescents and children and methods to combat them, NIPCCD Regional Centre, Lucknow & BBAU, 31st March, 2017

(B). Dr. Sudipta Sasha

(C). Dr. Gaurav Kaithwas

7. Research Guidance (if any) Same as in J above
8. Membership /Fellowship of professional / Academic Bodies (if any)

(A). Prof. Shubhini A. Saraf

1. Inspector for Pharmacy Council of India (PCI)
2. Member BOS, Deptt of Pharm. Sciences, MJP Rohilkhand University, Bareilly
3. Member BOS, Deptt of Pharm. Sciences, Banasthali Vidyapeeth, Banasthali
4. Member RDC AKTU.

(B) Dr. Sudipta Saha

(C) Dr. Gaurav Kaithwas

9. Google Scholar Profile (if available) Same as in E above
10. Any other remarkable information.

SCHOOL FOR ENVIRONMENTAL SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Department of Environmental Science is presently offering two P.G. programmes i.e., M.Sc. in Environmental Science as well as M.Sc. in Energy and Environment. 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. degree to students. Presently, there are about 53 P.G. students, 31 Research scholars, 10 PDF working in diverse fields of Environmental Sciences. Department of Environmental Science is having well experienced faculties and well equipped laboratories. There is special emphasis on research and development in core areas of environmental studies such as Climate change, Environmental Impact Assessment, Toxicology, Bioremediation, 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 Environmental Science is also having research programmes funded by DBT, DST, CSIR, 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 the both technological and environmental fronts. There are three Professors, one Associate Professor and five 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, more than 50 postgraduate students of this department have qualified in NET/GATE organized by UGC/ICAR/AICTE etc. The Department of Environmental Science has been included in the FIST Programme of Department of Science and Technology, Govt. of India and received a sum of Rs. 50 lacs for improvement of infrastructural and research facilities in the department.

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

Faculty Details

Name	Designation	Qualification	Specialization
Prof. D.P. Singh	Professor	M.Sc., Ph.D.	Environmental Microbiology/Stress Physiology
Prof. Rana Pratap Singh	Professor	M.Sc., Ph.D.	Sustainable Agriculture, Slow Release Fertilizers, Bioremediation and EIA
Prof. S.K. Dwivedi	Professor & Head	M.Sc., Ph.D.	Microbiology Ecology, Environmental Microbiology
Mr. N.K.S. More	Associate Professor	M.Sc., M.Phil	Cell & Developmental Biology, Toxicology
Dr. Shikha	Assistant Professor	M.Sc., Ph.D.	Environmental Microbiology
Dr. Narendra Kumar	Assistant Professor	M.Sc., Ph.D.	Environmental Pollution, Impact Assessment and bioremediation
Dr. Venkatesh Dutta	Assistant Professor	M.Sc., Ph.D.	Environmental Management, EIA, Modeling, Water Res. Management
Dr. Richa Kothari	Assistant Professor	M.Sc., M.Phil, Ph.D.	Renewable energy and wastewater Treatment Technology.
Dr. Jiwan Singh	Assistant Professor	M.Sc. M.Tech., Ph.D.	Solid waste management, water and waste water treatment, synthesis of nanomaterials and their applications, composting/vermicomposting, phytoremediation

Citation Index of the Department

Prof. D.P. Singh

Citation Indices	All	Since 2012
Citations	2000	1634
h-index	23	19
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Prof. Rana Pratap Singh

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Citations	2942	1868
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Prof.S.K. Dwivedi

Citation Indices	All	Since 2012
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Dr. Shikha

Citation Indices	All	Since 2012
Citations	280	226
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i10-index	7	7

Dr. Narendra Kumar

Citation Indices	All	Since 2012
Citations	290	275
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i10-index	7	6

Dr. Venkatesh Dutta

Citation Indices	All	Since 2012
Citations	116	94
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Dr. Richa Kothari

Citation Indices	All	Since 2012
Citations	1191	1031
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Dr. Jiwan Singh

Citation Indices	All	Since 2012
Citations	539	537
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Accomplishments of Students

Inventor Name: Mr. Abhay Prakash Rawat

Supervisor: Prof. D.P. Singh

Patent publication (application no. 2716/DEL/2015, publication date: 23/09/2016)

Title: 'Mentha Piperita Plant Ash (MPA) Adsorbent for the Reomval of Dyes and Heavy Metals'

Research Guidance

Ph.D. Programme

Sr. No.	Name of Supervisor	Currently Working	Submitted	Awarded
1	Prof. D.P. Singh	6	-	02
2	Prof. Rana Pratap Singh	8	-	01
3	Prof..S.K.Dwivedi	03	01	-
4	Dr. Shikha	2	-	-
5	Dr. Narendra Kumar	4	-	01
6	Dr. Venkatesh Dutta	3	-	01
7	Dr. Richa Kothari	05	01	01

M.Sc. Programme

Sr. No.	Name of Supervisor	Completed M.Sc. Dissertation (2016)
1	Prof. D.P. Singh	02
2	Prof. Rana Pratap Singh	03
3	Prof.S.K.Dwivedi	02
4	Mr. N.K.S. More	03
5	Dr. Shikha	03
6	Dr. Narendra Kumar	03
7	Dr. Venkatesh Dutta	03
8	Dr. Richa Kothari	03
9	Dr. Jiwan Singh	03

Research projects

1. Details of the Project Sanctioned/Executed (during 01.04.2016-31.03.2017)

PI/CO-PI	Name of the Title	Funding Agency	Duration	Amount (Rs.)
Prof. D.P. Singh as Co-PI	Study of policy and mechanism that could facilitate delivery of STI outputs of social inclusion in sector	Department of Science Technology, Government of India.	2014 ongoing	89 Lakhs
	Impact assessment of dissolved heavy metals in ground water on health and water quality in the industrial, industrial and urban areas of Kanpur	University Grants Commission (UGC), Government of India.	2013 ongoing	7,29,000/-
Prof. Rana Pratap Singh as PI	Nutrient use efficiency in wheat on application of conventional chemical fertilizers, biofertilizers and organic matrix entrapped granular fertilizers at different irrigation levels	UGC	3 Yrs.	15.5 Lakhs
Co-PI	Study of policy and mechanism that could facilitate delivery of STI outputs of social inclusion in agriculture sector	Department of Science Technology, Government of India.	2014 ongoing	89 Lakhs

PI/CO-PI	Name of the Title	Funding Agency	Duration	Amount (Rs.)
Dr. Narendra Kumar as P.I.	Impact assessment of dissolved heavy metals in ground water on health and water quality in the industrial, industrial and urban areas of Kanpur	UGC	2013 ongoing	7,29,000/-
Dr. Venkatesh Dutta as Co-PI	Study of policies and mechanisms that could facilitate delivery of STI outputs including innovation for social inclusion with special reference to sustainable agriculture, health care, water resource management	Department of Science & Technology (DST), Govt. of India	March, 2014-17	89 Lakhs
	Ground water quality monitoring in Kanpur and Kannauj Districts	Groundwater Department, Govt. of Uttar Pradesh	completed by March 2017	5.5 Lakhs
Dr. Jiwan Singh as P.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	2 Years (2017-2019)	10,00,000/-
	Synthesis of low cost materials for the removal of arsenic and fluoride from the ground water and wastewater	SERB-DST	3 Years (2017-2020)	12,82,413/-

Academic details

Award & recognition

Prof. D.P. Singh

1. **Prof. H.S. Srivastava Gold medal** by Academy of Environmental Biology- 2017

Prof. Rana Pratap Singh

1. **Dr. Punjab Singh Vishishth Krishi Vaigyanik Puraskar - 2016** by Uttar Pradesh Academy of Agricultural Sciences, conferred on 14 June, 2016 by Governor, U. P. Shri Ram NaikJee.

Prof. S.K.Dwivedi

1. Awarded **Bharat Excellence Award** by Friendship Forum of India, New Delhi in the year 2016.
2. Prof. V.Puri Medal Award by Indian Botanical Society, 2017 (Award to be received at Patiala in Sept., 2017)

Dr. Venkatesh Dutta

1. Global Entrepreneurship Award 2016, Erasmus

Plus, EU

Dr. Richa Kothari

1. Water and Advanced Research and Innovation Fellowship Award-2016, Indo-US Science and Technology Forum, Robert B. Daugherty Water for Food Institute, University of Nebraska-Lincoln, Lincoln, NE, USA.

Members of Board/Committee (outside BBAU)

Prof. D.P. Singh

1. Indian Science Congress Association
2. Association of Microbiologists of India
3. Indian Society for Plant Physiology
4. Prof. H.S. Srivastava Foundation for Science and Society
5. Academic Council, BBAU, VBS Purvanchal university, Jaunpur (U.P.)
6. Member Board of Post Graduate Studies in Several State and Central Universities.
7. Subject Expert in BPGS, Mizoram central University, Aizwal April, 2016

8. Member NAAC peer team for Himanchal University, Shimla Oct., 2016
9. Subject Expert in CSIR selection committee for scientist E-2, & Scientist F, Nov. 2016
10. Chairman, Advisory Board, UP Council of Science & Technology, UP Govt.-2017-20
11. Member NAAC peer team for Central University of Himanchal, Dharamshala, HP. @5-27 April, 2017
12. Member NAAC peer team for Maharishi DayanandSaraswati University, Ajmer, Rajsthan, 20-22 April, 2017
13. Member NAAC peer team for Jain University, Bengaluru, 8-10, June, 2017
13. Member of Indian Society for Plant Physiology, New Delhi,
14. Member of Society for Plant Physiology and Biochemistry, New Delhi,
15. Member of Society for Plant Biochemistry and Biotechnology, New Delhi,
16. Member of National Academy of Sciences, Allahabad India,
17. Member of Uttar Pradesh Academy of Sciences, Lucknow,
18. Member of Haryana VigyaManch, Rohtak.
19. Member of Research Degree Committee in Environmental Science, APS University, Rewa, M.P.

Prof. Rana Pratap Singh

1. Fellow of Academy of Environmental Biology of India (HQ: IITR, Lucknow).
2. Fellow of Indian Society for Plant Physiology, New Delhi (HQ: IARI, New Delhi)
3. Secretary of Professor H.S. Srivastava Foundation for Science and Society, Lucknow,
4. Secretary of The Society for Science of Climate Change and Sustainable Environment, New Delhi,
5. Vice President of Academy of Environmental Biology, India
6. Joint Secretary of Clean and Green Environmental Society, Lucknow, Uttar Pradesh Academy of Agricultural Science, Lucknow
7. Editor-in-Chief of Physiology and Molecular Biology of Plants (www.springer.com/journals/12298).
8. Editor-in-Chief of Kahaar Multilingual Magazine (www.kahaar.in).
9. Editor of Climate Change and Environmental Sustainability (www.indianjournals.com/ssce).
10. Member of Indian Science Congress Association, Calcutta
11. Member of International Society for Environmental Botanist, Lucknow
12. Member of Asian PGPR Society, Hyderabad, Academy of Environmental Biology India, Lucknow,
21. Member of Board of Studies in Biotechnology, Dr. R.M.L. Avadh University, Faizabad, U.P.
22. Member, Selection Committee at MDS University, Ajmer, Rajasthan.
23. Member of Advisory Committee of Centre for Climate Change at University of Gujrat, Gujrat
24. Member of Advisory Committee to ENVIS-NBRI at National Botanical Research Institute, Lucknow.
25. Member of Executive Committee of International Society of Environmental Botanists at ISEB, Lucknow.
26. सदस्य सलाहकार समिति, पर्यावरण निदेशालय, लखनऊ, उ.प्र.

Prof. S.K. Dwivedi

1. Member, Selection Committee at Banaras Hindu University, Varanasi. (June, 2016)

Mr. N.K.S. More

1. Member, Expert Committee (Pre services coaching) of Directorate of Social Welfare, Govt. of Uttar Pradesh
2. Member of the Departmental Research Committee (DRC) of the Department of Environmental Science.
3. Member of Board of Post Graduate Studies (BPGS) for the Department of Environmental Science
4. Member of the School Board of the School for Environmental Science

5. Member, Expert Committee (Pre services coaching) of Directorate of Social Welfare, Govt. of Uttar Pradesh
6. Member, Board of Management, BBAU
7. Member, Academic Council, BBAU

Dr. Shikha

1. Life member: Society of Biological Chemists (SBC) - India

Dr. Narendra Kumar

1. Life member-Professor H.S.Srivastava Foundation for Science and Society, Lucknow, India
2. Life member- International Society of Environmental Botanist, CSIR-National Botanical Research Institute, Lucknow 226001, INIDA
3. Life Member- Academy of Environmental Biology, Lucknow
4. Life member-CSIR-National Botanical Research Institute, Lucknow 226001, INIDA

Dr. Venkatesh Dutta

1. Member, State Science and Technology Programme (2014 – 2017), Department of Science and Technology, Ministry of Science and Technology, Govt. of India.

Dr. Richa Kothari

1. Life member-Solar Energy Society of India (SESI)
2. Life member-People for Animals (PFA)
3. Life member-Professor H.S.Srivastava Foundation for Science and Society, Lucknow, India

Dr. Jiwan Singh

1. The Institutions of Engineers, India, Associate member (MEMBCODE- AM1505249, RECSLNO-130200622970), from October, 31 2013 to present.
2. Korean Society of Environmental Engineers (Member no. 7351)
3. Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES)(Member no. 201901) from (March 07-2016 to present)
4. Life member- Prof. H.S. Srivastava Foundation

for Science and Society, Lucknow, India

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

Books

Dr. Jiwan Singh

1. Singh, J, Kalamdhad, A.S. Bioavailability, leachability, chemical speciation and bioremediation of heavy metals in the process of composting, CRC Press (Accepted)

Prof. D.P. Singh

1. J.S.Singh and **D.P. Singh** (2017). **Microbes in Environmental Management**. Studium Press (USA) Pvt. Ltd. ISBN: 978-93-80012-83-4
2. **D.P. Singh**, Richa Kothari and V. Tyagi (2017). **Emerging Energy Alternatives for Sustainable Environment**. TERI Press. ISBN: 9788- 1799-34111
3. J.S.Singh and **D.P. Singh** (2017) **Microbial Biotechnology in Agro-Environmental Sustainability**. Elsevier (In Press)

Dr. Richa Kothari

1. D.P. Singh, **Richa Kothari** and V.V. Tyagi (2017). **Emerging Energy Alternatives for Sustainable Environment**. TERI Press. ISBN: 9788- 1799-34111

Book Chapter

1. Neetu Verma, Richa Kothari, Tanu Allen and **D.P. Singh** (2013) Assessment of lipid productivity of *Chlamydomonas polypyrenoides* cultured in tannery industry wastewater In: Recent Advances in Bioenergy Research Vol. II (Eds. Sachin Kumar and S.K. Tyagi) Electronic version published by SSS-NIRE (ISBN-978-81-927097-1-0) pp 332-337
2. Ranjan Singh, **D.P. Singh**, Y. Bandhu, V.V. Tyagi and V. Dutta (2015) Climate Change mitigation and adaptation strategies: A review of policy options. In : Science, technology and Innovation for Inclusive Growth. Pp. 359-367.
3. Sonal Dixit and **D.P. Singh** (2015). Phycoremediation: Future perspective of Green Technology. In: Algae & Environmental Sustainability (Eds. B. Singh, K. Baudh, F. Bux)

- Springer (India) Pvt. Ltd. pp-9-21.
4. Shobhit R. Vimal, J. S. Singh, Naveen K. Arora and **D.P. Singh** (2015). PGPR: An Effective Bio-Agent in Stress Agricultural Management. In: Microbial Empowerment in Agriculture: A key to Sustainability and Crop Productivity. (Eds: B.K.Sharma and A. Singh). Biotech Books, New Delhi, pp-81-108.
 5. Jyoti and **D.P. Singh** (2016). Fungi as Biocontrol agents for sustainable agriculture. In: Microbes in Sustainable Management of Soil, Water and Agriculture. (Eds: J.S.Singh and D.P. Singh) Studium press (India) Pvt. Ltd. pp-168-170.
 6. N.Gupta and **D.P. Singh** (2016). Low cost production of Algal Biofuel from wastewater & technological limitations. In: Emerging energy alternatives for sustainable environment. (Eds: V. Tyagi, R.Kothari and D.P. Singh). TERI Press. pp-211-238.
 7. S.K. Upadhyay, G. Singh, **D.P. Singh**. (2016). Mechanism and Understanding of PGPR: An Approach for Sustainable Agriculture under Abiotic Stresses. (Eds: J.S.Singh and D.P. Singh) Studium press (India) Pvt. Ltd. pp-225- 254. ISBN: 978-93-80012-83-4
 8. Suman Upadhyaya, Shashank Tiwari, N.K. Arora, **D. P. Singh**. (2016). Microbial Protein: A Valuable Component for Future Food Security. (Eds: J.S.Singh and D.P. Singh) Studium press (India) Pvt. Ltd. pp-255-275. ISBN: 978-93-80012-83-4
 9. Atin Kumar Pathak, Richa Kothari, Harmohan Singh, Saubhagya Singh, V.V. Tyagi, **D.P. Singh**. (2016). Microbes: A Viable Mean for Wastewater Treatment and Source of Bioenergy. (Eds: J.S.Singh and D.P. Singh) Studium press (India) Pvt. Ltd. pp-276-302. ISBN: 978-93-80012-83-4
 11. Vijay. K. Jaiswal, V.V. Tyagi, Richa Kothari, D.P. Singh, S. K. Samdrshi. (2016). Role and initiatives of Indian government policies for growth of wind energy sectors. TERI Press. Pp. 99- 118. ISBN: 9788- 1799- 34111.
 12. Babita Kumari, **D.P.Singh**. (2016). Insite microbial degradation of PAHs in soil. (Eds: J.S.Singh and D.P. Singh) Studium press (India) Pvt. Ltd. pp-21- 42. ISBN: 978-93-80012-83-4
 13. Sonal Dixit, Richa Kothari, **D.P. Singh**. (2016). Vermicomposting: A Potential Tool for Sustainable Management of Solid Waste. In: Emerging energy alternatives for sustainable environment. (Eds: V. Tyagi, R.Kothari and D.P. Singh). TERI Press. pp-329- 354. ISBN: 9788- 1799- 34111
 14. Alok Rai, Richa Kothari, **D.P. Singh**. (2016). Assessment of available technologies for hospital waste management: need for society. In: IGI Publishing House, USA (Ed: Rajeev P. Singh and Vaibhav Srivastava).
 15. Rima Kumari and **D.P. Singh**, 2016, Silver Nanoparticle in Agroecosystem: Applicability on plant and risk-benefit Assessment. A. Singh, S.M. Prasad, R.P. Singh (Eds) Plant responses to xenobiotics, ISBN no. 978-981-10-2859-5, pp 293-305.
 16. Gaurav Raj Dwivedi, **D.P. Singh**, Sanchita, Ashok Sharma, Mahendra Pandurang Darokar. (2016). Efflux pumps: War heads of Gram Negative Bacteria and Efflux Pump Inhibitors. New approaches in Biological Science. (In press)
 17. Jay Shankar Singh, **D.P.Singh** (2017) Methanotrophs: An Emerging Bioremediation Tool with Unique Broad Spectrum Methane Monooxygenase (MMO) Enzyme. In: *Agro-Environmental Sustainability*, (Eds: J.S.Singh and G. Seneviratne). Springer international publishing AG 2017. DOI 10.1007/978-3-319-49727-3_1.
 18. Neha Vishnoi and **D.P. Singh** (2017) Efficiency of an Industrially Important Crop *Hibiscus cannabinus* for Phytoremediation and Bioenergy Production. K. Baudhdh et al. (eds.), *Phytoremediation Potential of Bioenergy Plants*, Springer Nature Singapore Pte Ltd. DOI 10.1007/978-981-10-3084-0_9.
- Prof. S.K. Dwivedi**
1. Sangeeta, **Dwivedi S.K.** and Ram Gopal (2016). Microbial Mediated Nutrient Management in Agro-ecosystem. In: *Microbes and Environmental Management* (eds. J.S. Singh and D.P.Singh). Studium press. p. 303-325. (ISBN: 978-93-80012-83-4)
 2. **Dwivedi S.K.** and Namita Gupta (2016). Challenges of Distance Education: An Overview.

In: Proc. of National Seminar on Issues and Challenges of Distance Education, U. P. Rajarshi Tondon Open University, Allahabad. (In press).

Mr. N.K.S. More

1. Volume for NCTE "Babasaheb Bhimrao Ambedkar's Vision of Education: Message for Teachers and Teacher Educators" "Biographical Sketch a Reformist Par Excellence" *Nandkishor More (2016)
2. Ambedkar's Political Thoughts on Democracy and Human Rights : A Reformist Agenda of Social Justice SHASHI KUMAR and NKS More Ed Preeti Sexena et al 2016
3. Toxic Metals Contamination in Environment Toxicological Effects and Bioremediation Approaches for Environmental Cleanup Janardhan Reddy Koduru, Shiv Shankar, Nandkishor S. More, Shikha, Lakshmi Prasanna Lingamdinne, and Jiwan Singh "Environmental Pollutants and their Bioremediation Approaches", Ed R N Bhargava et al 2017 "CRC Press, Taylor & Francis Group, USA" ISBN 9781138628892.
4. Climate Change Adaptations: Imperatives for Water Security Nandkishor More and Rana Pratap Singh, Proceedings of 4th National Conference on Water, Environment & Society (NCWES - 2017) 16th-18th March, 2017 at JNTUH, Hyderabad, India ISBN: 978-93-5230-182-9

Dr. Shikha

1. Koduru, J.R., More, N.S., Shiv Shankar, Shikha, Lingamdinne, L.P., Singh, J., 2017. "Toxic metals contamination in environments, their toxicological effects and bioremediation approaches for environmental cleanup" in book "Environmental Pollutants and their Bioremediation Approaches", CRC Press, Taylor & Francis Group, USA (In press). ISBN 9781138628892 - CAT# K32053
2. Shiv Shankar and Shikha (2016) Management and remediation of problem soils, solid waste and soil pollution In: Principles and applications of Environmental Biotechnology for a sustainable future (Vol. Editor- Prof. Ram Lakhan Singh) Chapter 5, pp 143-171 Springer, (DOI 10.1007/978-981-10-1866-4)

3. Shiv Shankar and Shikha (2016) Renewable and non renewable energy sources, Bioenergy and Biofuels In: Principles and applications of Environmental Biotechnology for a sustainable future (Vol. Editor- Prof. Ram Lakhan Singh) Chapter 9, Springer, pp 293-314 (https://dx.doi.org/10.1007/978-981-10-1866-4_5)
4. Shiv Shankar, Shikha and Manjul Gupta (2016) Microbial Xylanases: Production, Applications and Challenges, In: The Handbook of Microbial Bioresources (eds V.K Gupta et al. 2016), CAB International, Wallingford, Oxfordshire, OX10 8DE, UK, pp 313-330 (ISBN-13:9781780645216) (DOI 10.1079/9781780645216.0313)

Dr. Narendra Kumar

1. Dhananjay Kumar, Poonam, Kuldeep Baudhh, Jaya Tiwari, D. P. Singh and Narendra Kumar (2017), Ricinus Communis: An ecological engineer and a biofuel resource. Phytoremediation Potential of Bioenergy Plants. Springer Singapore, DOI 10.1007/978-981-10-3084-0_5
2. Sangeeta Anand, Sushil Kumar Bharti, Neetu Dviwedi, S.C. Barman and Narendra Kumar (2017), Macrophytes for the reclamation of degraded water bodies with potential for bio-energy production. Phytoremediation Potential of Bioenergy Plants. Springer Singapore, DOI ; 10.1007/978-981-10-3084-0_13
3. Jaya Tiwari, Atul Kumar and Narendra Kumar (2017), Phytoremediation potential of industrially important and biofuel plants: *Azadirachta indica* and *Acacia nilotica*. Phytoremediation Potential of Bioenergy Plants. Springer Singapore, DOI; 10.1007/978-981-10-3084-0_8.
4. Dhananjay Kumar, Sanjeev Kumar, Narendra Kumar (2017). Common weeds as potential tool for in-situ phytoremediation and eco-restoration of industrial polluted sites. Phytoremediation of Environmental Pollutants. CRC, Taylor & Francis Group.
5. Dhananjay Kumar, D. P. Singh, S. C. Barman and Narendra Kumar (2016), Heavy metal and their regulation in plant system: An overview. Plant Responses to Xenobiotics. Springer Singapore, New York. DOI 10.1007/978-981-10-2860-1_2.
6. Dhananjay Kumar and Narendra Kumar (2016),

Impact of Organic Farming on Livelihood of Dalits of Lucknow Region of Uttar Pradesh. The Contribution of Babasaheb Ambedkar for Development of Modern India, Excel India Pub. 200-206

7. Dhananjay Kumar and Narendra Kumar (2016), Phytoremediation of Heavy Metal Pollutants from Wastewater Environment using Aquatic Macrophytes. Bioremediation of Industrial Pollutants, Write and Print Pub. 332-351
8. Komal Sharma and Narendra Kumar (2016), Accessibility of safe drinking water: A case study of Lucknow District. The Contribution of Babasaheb Ambedkar for Development of Modern India, Excel India Pub. 213-230.

Dr. Venkatesh Dutta

1. Archana, K. and Dutta, V. (2017) Solid Waste Management & Groundwater Pollution: Assessment of Heavy Metals Contamination due to Leachates in Active and Closed Municipal Solid Waste Dumping Sites of a North Indian City, In: Singh, S., Goyal, R. Jain, A. (eds.) *The Urban Environmental Crisis: New Initiatives for Safe water and Waste Management* Cambridge Scholar Publishing, U.K., ISBN-13: 978-1443879606.
2. Dutta, V., Shukla, K. K. & Rai, A. (2017) Sustainable Groundwater Management through Water Conservation and Recharge Scheme in a Water Stressed Region of Central Ganga Alluvial Plain, India In: Singh, S., Goyal, R. Jain, A. (eds.) *The Urban Environmental Crisis: New Initiatives for Safe water and Waste Management* Cambridge Scholar Publishing, U.K., ISBN-13: 978-1443879606.
3. Sobti, R. C., and Dutta, V. (2016) Challenges of inclusive growth in India and role of science, technology and innovation – common synthesis from field studies, In: Sobti, R. C. and Dutta, V. (eds.) *Bridging the science-policy gap for inclusive growth in India*, Narendra Publishing House, Delhi. ISBN No. 978-93-84337-53-7.
4. Sobti, R. C., and Dutta, V. (2016) *Bridging the Science Policy Gap for Inclusive Growth in India*, Narendra Publishing House, 2016, New Delhi, ISBN No. 978-93-84337-53-7.
5. Dutta, V., Shukla, K. K., Chander, S. & Sobti, R. C. (2016) Water Policy in India: Building blocks for

synergy with science, technology and innovation (STI) policy for inclusive growth, Working Paper No. 6, DST-Centre for Policy Research, Lucknow, Narendra Publishing House, Delhi, ISBN No. 978-93-86110-01-5.

6. Kaushal, S., Bandhu, Y., Dutta, V., Sobti, R. C. & Saraf, S. A. (2016) A Review of Development in National Health Policy Framework in India with special reference to Technology and Innovation: Objectives and Challenges, Working Paper No. 7, DST-Centre for Policy Research, Lucknow, Narendra Publishing House, Delhi, ISBN No. 978-93-86110-03-9.
7. Shukla, K. K. and Dutta, V. (2016) Assessment of Technological Interventions in Delivery of Water Services Using Water Poverty Index (WPI) : Evidences from Uttar Pradesh India, DST-CPR Working Paper Series No. 8, ISBN No. 978-93-86110-04-6.

Dr. Richa Kothari

1. Shamshad Ahmad, Arya Pandey, **Richa Kothari**, Vinayak. V. Pathak, Vineet. V. Tyagi. Closed Photobioreactors: Construction Material and Influencing Parameters at the Commercial Scale; Chapter_ID_48469; Photobioreactors: Advancements, Applications and Research; **Editors:** Yiu Fai Tsang (The Education University of Hong Kong, Hong Kong SAR, China); Nova Science Publishers, Inc., NY. March 2017.
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Dr. Jiwan Singh

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National Conference

Prof. Rana Pratap Singh

1. Chaired Session in National Conference on "Wetland and River Ecosystem" at Lucknow on 2nd May, 2017.
2. Chaired Session and Delivered Talk in "104th Indian Science Congress" S.V. University, Tirupati, on 3-7 January, 2017.
3. Delivered Lecture in "Breakthrough Science Society" Lucknow, on 16 July, 2017
4. Guest Speaker in "National Workshop on Scientific Paper Writing and Effective Communication" at DDU Gorakhpur University, Gorakhpur on 17-18 September, 2016.
5. Chief Guest and Key Speaker in "Swatchhtakamanavjivanmeinmahatva" at NBFG, Lucknow on 16 May, 2016.
6. Delivered Lecture in "Strategies for Combating Climate Change Impacts on Agriculture" at U.P. Council of Agricultural Research, Lucknow on 21 March, 2017.
7. Delivered Talk in "Consultation on Strategies for Managing Droughts-Need for Aligning Science and Public Policy" at NISTAD-CSIR, New Delhi, on 3rd June, 2016.
8. कार्यालय महानिदेशक, दीनदयाल उपाध्याय राज्य ग्राम्य विकास संस्थान में "Climate Risk Management in Rainfed Eco-System" में व्याख्यान दिनांक 6 जून, 2017.

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3. **Dwivedi S. K.** (2016). Fungal Diversity in Cropland Ecosystem with reference to Ecological factors. National Conference on Climate Change: Challenges to Plant Biologist. U. P. College (Autonomous), Varanasi, 27th March, 2016. (**Lead Lecture**) p. 12
4. **Dwivedi S. K.** (2016). Fungal Diversity in Cropland Ecosystem with reference to ecological factors. National conference on Climate Change: Challenges to Plant Biologist held at Department of Botany, U. P. College (Autonomous) Varanasi-221 002 (U. P.) on March, 27th, 2016. p. 12 (**Invited Speaker**)
5. Gupta Namita, **Dwivedi S. K.** and Upreti D. K. (2017). Determination of atmospheric metals using two lichen species at Tanda thermal power plant, Ambedkar Nagar, Uttar Pradesh, India. 4th Lucknow Science Congress (LUSCON-2017) Science Technology & Innovations for Sustainable Development held at Babasaheb Bhimrao Ambedkar University, Lucknow on 3rd -4th March, 2017. p. 26.
6. **Dwivedi S. K.** and Prasad Ganesh (2017). Efficacy of Two medicinal plant extracts against *Sclerotium rolfsii* causing root-rot in *Zea mays*. 4th Lucknow Science Congress (LUSCON-2017) Science Technology & Innovations for Sustainable Development held at Babasaheb Bhimrao Ambedkar University, Lucknow on 3rd -4th March, 2017. p. 32.
7. **Dwivedi S. K.** (2017). Ecofriendly approaches in management of soil-borne fungal phytopathogens. XXXX All India Botanical Conference of the Indian Botanical Society at Punjabi University, Patiala, on 15th-17th Sep., 2017. (**Prof. V. Puri Medal Award**

Lecture)(Communicated)

8. Gupta Namita, **Dwivedi S. K.** and Upreti D. K. (2017). Estimation of metal pollutants using two lichen species around Panki thermal power plant, Kanpur, Uttar Pradesh, India. XXXX All India Botanical Conference of the Indian Botanical Society at Punjabi University, Patiala, on 15th-17th Sep., 2017. (**Communicated**)
9. Prasad Ganesh and **Dwivedi S. K.** (2017). Antifungal activity of two fungicides against *Sclerotium rolfsii* causing root-rot in *Zea mays*. XXXX All India Botanical Conference of the Indian Botanical Society at Punjabi University, Patiala, on 15th-17th Sep., 2017. (**Communicated**)

Mr. N.K.S. More

1. One day workshop on Climate Change and its Impact on Urban Environment on occasion of World Environment Day on June 5, 2014 at RCUES, Lucknow University, Lucknow, India.
2. International Conference on Recent Trends and Challenges in Science Technology and Society (**RTCST-2014**), from 20-22 Aug, 2014 at P V P college of Arts Science and Commerce, Pravar Nagar, India
2. 8th European Conference on Ecological Modeling Beyond boundaries: Next generation modeling held from Oct 27-30, 2015 at Marrakech, Morocco
3. 4th Global Sustainable Biotech Congress held on 1st to 5th Dec 2014, organized by School of Life Sciences, Global Biotech Forum and Cety's University, Cety's, Mexico at North Maharashtra University, Jalgaon (MS). India.
3. Pre Science Congress on Innovations in Science and Technology for Inclusive development held on 29th -30th Dec, 2014 organized by Dept of Zoology, Dr B A M University, Aurangabad, (MS), India.
4. National Conference on Recent Advances in Chemical and Biological Sciences (RACB-2015) held at M.J. College, Jalgaon 425002 (MS), INDIA on 5-6 Feb 2015.
5. National Seminar on University Industry Partnership: A March Towards Sustainable Growth AMTSG-2015 on 12th -13th March 2015 organized by Centre for Industry institute partnership Program, BBA University, Lucknow-

226025. UP, India.

6. National Seminar on International Current trends in Society, Science and Technology organized by Academy of Administrative Careers, Mumbai University, Mumbai, India. held from 27th to 29th March 2015
7. National Seminar on International Current trends in Society, Science and Technology organized by Academy of Administrative Careers, Mumbai University, Mumbai, India. held from 25th to 27th March 2016
8. National workshop "Recent Trends in Environmental Science and Carbon Management" (RTCM-15) organized by School of Earth and Environmental Sciences, Central University of Himachal Pradesh, Dharamshala on November 19-20, 2015
9. National Seminar on Rejuvenation of River Gomati: Past Present and Future organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 9th-11th May 2015
10. International Scientific Conference on Our Common Future under Climate Change CFCC-2015 from 5th 10th July 2015 at **UNESCO, France**
11. National Conference on "Climate Change and Sustainable Development: Emerging Issues and Mitigation Strategies (CCSD-2015)" (www.ccsd2015.org) November 23rd-24th, 2015 organized by Babasaheb Bhimrao Ambedkar University, Lucknow

Dr. Narendra Kumar

1. Cost Benefit Analysis of Interlinking of Rivers, Emerging Economies and Challenges to Sustainability towards Developing Nation, Sri Aurobindo College, University of Delhi, New Delhi, 29-30 March, 2016

Dr. Venkatesh Dutta

1. Invited Speaker, 103rd Indian Science Congress (ISC), January 4-7, 2016, University of Mysore, in Mysuru, Karnataka

Dr. Richa Kothari

1. Kothari Richa, "Carbon-water foot printing : an eco-friendly approach with algal biomass", International Conference on Renewable Energy

for Sustainable Environment: challenges and Remedies; Department of Energy Management; Shri Mata Vaishno Devi University; Katra, March 20-21, 2017 (Invited Lecture and and Session Chair)

Dr. Jiwan Singh

1. Participation in Orientation Programme 125, from 01-12-2016 to 31-12-2016 at HRDC, Lucknow University.
2. Invited Lecture on Transformation of heavy metals in the composting and vermicomposting process: Lucknow Science Congress 217, held at BBAU, Lucknow from 3rd to 4th March 2017.
3. Gautam, P.K.; Pandey J.D., Singh J., 2017 Paper presentation on "Removal of tartrazine using activated carbon prepared from alligator weed (alternanthera philonoides) : Isothiim, Kinetics and Speetroscopic analysis" in the 4th Lucknow Science Congress 2017 held at BBAU, Lucknow from March 03-04, 2017.

Shikha

1. Enzyme based strategies for waste treatment : Opportunities and hurdles: Lucknow Science Congress 2017, held at BBAU, Lucknow from 3-4 March, 2017.

International Conference

Prof. Rana Pratap Singh

1. Delivered Talk in "*International Congress on Post-Harvest Technologies of Agricultural Produce for Sustainable and Nutritional Security*" in Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow on 10-12 November, 2016.
2. Delivered Talk in "*International Symposium on Plant Biotechnology for Crop Improvement*" in IIT Guwahati, India on 20-22, January, 2017
3. Delivered Talk in "*International Conference on Technological advancement for Sustainable Agriculture and Rural Development (TASARD-India, 2017)*" in Amity University, Noida on 20-22 February, 2017.
4. Delivered Talk in "*International Conference on Emerging Trends in Integrated Pest And Disease Management For Quality Food Production*" in Kuching Sarawak, Malaysia on 25-27 July, 2017.

Kothari Richa, "Carbon-water foot printing : an eco-frirndly approach with algal biomass", International Conference on Renewable Energy for Sustainable Environment: challenges and Remedies; Department of Energy Management; Shri Mata Vaishno Devi University; Katra, March 20-21, 2017 (Invited Lecture and and Session Chair)

Dr. Venkatesh Dutta

1. Panel Discussant, 19th International River

Symposium, 12-14 September 2016, New Delhi

Dr. Richa Kothari

Kothari Richa, "Carbon-water foot printing: an eco-friendly approach with algal biomass", International Conference on Renewable Energy for Sustainable Environment: challenges and Remedies; Department of Energy Management; Shri Mata Vaishno Devi University; Katra, March 20-21, 2017 (Invited Lecture and and Session Chair)

DEPARTMENT OF ENVIRONMENTAL MICRO BIOLOGY

B. Brief Description of the School

The School for Environmental Sciences (SES) represents an interdisciplinary faculty of international repute with the objective to inculcate reasoning, innovation, critical analysis and problem solving approach to achieve sustainable environment on the mother earth. The need for a better and safer environment has been realized recently, more than ever before, as the problem of contamination of water, soil and atmosphere particularly the biosphere by toxic substances is leading to serious productivity loss and increasing health hazards. Water crises, energy depletion, global warming, loss of biodiversity, deforestation and an overall imbalance of ecosystem. Currently, school is having two Departments i.e., Department of Environmental Sciences and Department of Environmental Microbiology. Both, the Department is working as important centre for learning and disseminating the knowledge in various aspect of environment monitoring by offering M.Sc. and Ph.D degree to students.

C. Name of Department: Department of Environmental Microbiology

D. Introduction of the Department

The Department of Environmental Microbiology (DEM) under school for Environmental Sciences (SES) offers full time M.Sc. Environmental Microbiology. Earlier it was started as M.Sc. Environmental Microbiology course under Department of Environmental Science from the session 2007-2008. Department has been sanctioned as independent department by UGC-2010 under School for Environmental Sciences. The Department also offers Ph.D. Degree in the subject of Environmental Microbiology. There are one Professor, two Associate Professor and three Assistant Professor in department with diverse field of specialization namely Microbial Ecology, Bioremediation and Metagenomics, Rhizospheric Microbiology, Stress Physiology and General Microbiology. The department has well equipped M.Sc. laboratory. The department has been sanctioned FIST Programme from DST, New Delhi. Besides, several Grant in Aid Project (GAP) also has been successfully completed from DBT, DST, UGC and Industries in area of bioremediation and microbial ecology.

E. Faculty Citation Index

S. No.	Name of Faculty	Citation	h-index	i10-Index
1.	Prof Ram Chandra	2110	30	45
2.	Dr. Naveen Kr. Arora	835	16	26
3.	Dr. Rajesh Kumar	-	-	-
4.	Dr. Jay Shankar Singh	1445	19	29
5.	Dr. Vinay Singh Baghel	193	07	05
6.	Dr. Ram Naresh Bharagava	657	12	13

<https://scholar.google.co.in/citations?user=GntnZ0IAAAAJ&hl=en>

F. Department Level Academic Activities

Department was sanctioned Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program under level 1

G. Courses offered/New Courses:

1. M.Sc. Environmental Microbiology
2. M.Sc. Food Microbiology and Toxicology
3. M.Sc. Industrial Microbiology
4. M.Sc. Nanoscience & Nanotechnology
5. Ph.D. Environmental Microbiology

H. Visitors to the schools, if any: Not Applicable

I. Accomplishments of Students: Not Applicable

J. Faculty wise Supervision of the Ph. D and M. Phil Student

Ph.D. Awarded

1. Ms. Pooja Shrivastava (under supervision of Dr. Rajesh Kumar)
2. Ms. Rachna Singh (under the supervision of Dr. Naveen Kr. Arora)
3. Mr. Jitendra Mishra (under the supervision of Dr. Naveen Kr. Arora)
4. Ms. Pratibha (under the supervision of Dr. V.S. Baghel)

K. Co-curricular/Extra-curricular/conferences event organized by the Department: Not Applicable

L. Future Plans of the Department, if any

1. Submission of SAP programme to UGC, New Delhi for strengthening of Departmental infrastructure.
2. Proper development of Departmental facility as sanctioned under FIST programme.
3. Interaction with Industry for up-scaling and optimization of new technology for environmental protection at lab scale.
4. Organizing the international conference of Association of Microbiologists of India for the exposure of students and faculty for proper visibility of department in country.
5. Improve the students learning by improving the research laboratory for M.Sc. and Ph.D. students.
6. Introduce the Industry - Institute Interaction for M.Sc. students to expose with real research problem related with society.
7. Organize regular seminar at Departmental level.
8. Increase more publication (research paper, text book, edited books etc.)
9. Increase the external Fund generation for improvement of R&D facility through DBT, DST, CSIR & UGC etc.

M. Research Projects

1. **Project Title:** 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.

Principle Investigator: Prof. Ram Chandra

Funding Agency: DBT, New Delhi

Amount: Rs. 45.14 Lakh

2. **Project Title:** 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.

Principle Investigator: Prof. Ram Chandra (Dr. Sangeeta Yadav)

Funding Agency: DST, New Delhi

Amount: Rs. 42.00 Lakh

N. Academic details/activities of the Faculty of your Department under the following heads:

1. Award & Recognition (if any): Not Applicable
2. Members of Board/Committee (outside BBAU)
 - (i) Elected as Member of **Board of Governors of The Biotech Research Society, India** (2015-17)
 - (ii) Executive member **Central Council of Association of Microbiologists of India (AMI)**, India (2016-2019)
 - (iii) **Expert panel member of** subject expert in Veer Bhadur Singh Purvanchal University, **Jaunpur, U.P., India**
 - (iv) **Expert member** UP Higher Educational Board for Sanction of National and International Conference, **U.P., India**
 - (v) **Member of Advisory (Expert) Committee for Young Scientist Scheme CST, U.P**
3. Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017): (Two)

Sanctioned Project

- (i) **Project Title:** 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.

Principle Investigator: Prof. Ram Chandra

Funding Agency: DBT, New Delhi,

Amount: Rs. 71.90 Lakh *Project has been recommendation by task force and fund is waited*

Project Executed

- (i) **Project Title:** 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.

Principle Investigator: Prof. Ram Chandra

Funding Agency: DBT, New Delhi,

Amount: Rs. 45.14 Lakh

Project Completed: (One)

- (ii) **Project Title:** Field scale demonstration of pulp paper mill effluent detoxification after secondary treatment by combination of biostimulation and constructed wetland treatment process.

Principle Investigator: Prof. Ram Chandra (Dr. Sangeeta Yadav)

Funding Agency: DST, New Delhi

Amount: Rs. 42.00 Lakh

4. Research Publications

a) Book(s) Book(s)/ Book Chapter (s) Authorized/ Edited Book/ Monographs (s) (if any)

(i) Books:

S. N.	Editor	Title	Publisher	Year
1.	Ram Chandra, Bhola R. Gurjar, J.N. Govil	Environmental Science and Engineering Volume 6: Toxicology ISBN: 1-62699-088-3	Studium Press LLC, USA	2016
2.	Arora, Naveen Kumar, Mehnaz, Samina, Balestrini, Raffaella	Bioformulations: for Sustainable Agriculture ISBN 978-81-322-2779-3	Springer	2016
3.	Jay Shankar Singh & D.P. Singh	Microbes and Environmental Management ISBN 13 : 978-93-80012-83-4	Studium Press LLC, USA	2016
4.	Singh, Jay Shankar, Seneviratne, Gamini (Eds.)	Agro-environmental sustainability (Volume I: Managing Crop Health) ISBN 978-3-319-49724-2	Springer	2017
5.	Singh, Jay Shankar, Senevirate, Gamini (Eds.)	Agro-environmental sustainability (Volume II: Managing Environmental Pollution) ISBN 978-3-319-49727-3	Springer	2017
6.	Ram Naresh Bharagava & Gaurav Saxena	Bioremediation of Industrial Pollutants (ISBN: 978-93-84649-60-9)	Write & Print Publications, New Delhi - 110 015	2016

(ii) Book Chapters:

- a) **Ram Chandra,** Vineet Kumar (2016). Persistent Organic Pollutants (POPs): Health Hazards and Challenges for their Bioremediation in Environment. In: Bioremediation of Industrial Pollutants, Ram Naresh Bharagava, Gaurav Saxena, (Ed.) Write and Print Publications, New Delhi, pp 1-51
- b) Mishra J, Singh R, **Arora NK.** 2017. Plant Growth-Promoting Microbes: Diverse Roles in Agriculture and Environmental Sustainability, *Springer*. DOI 10.1007/978-981-10-3473-2_4
- c) **Arora NK,** Verma M. and Mishra J. 2017. Rhizobial Bioformulations- Past, Present and Future in Rhizotrophs: Plant Growth Promotion to Bioremediation, *Springer*. DOI: 10.1007/978-981-10-4862-3_4
- d) Upadhyaya S, Tiwari S, Arora NK 2016. Microbial Protein: A Valuable Component for Future Food Security. *Studium Press (USA)*. DOI: 10.13140/RG.2.1.1775.8801
- e) Mishra J, Prakash J, Arora NK. 2016. Role of beneficial soil microbes in sustainable agriculture and environmental management. *Climate Change Environ. Sustain.* 4(2): 137-149.
- f) Tewari S and **Arora NK.** 2016. Soybean production under flooding stress and its mitigation using plant growth promoting microbes. In Environmental Stresses in Soybean Production (Ed Miransari M) Elsevier, DOI: 10.1016/B978-0-12801535-3.00002-4
- g) Amar Jyoti Das, Beenu Shastri, Shatrohan Lal and **Rajesh Kumar** (2016). Bioremediation of petroleum hydrocarbons and heavy metal contaminated sites by biosurfactants: an eco-friendly and sustainable technology In Bioremediation of industrial pollutants (Eds) Ram Naresh Bharagava and Gaurav Saxena, Write and Print Publications, New Delhi-15 Page no. 91-118, ISBN: 978-93-84649-60-9.
- h) Chhaya Verma, Sadhana Singh Sagar and Rajesh Kumar (2016). Genetically modified organisms (GMO's): Utility, prospects and challenges in bioremediation of environmental pollutants In Bioremediation of industrial pollutants (Eds) Ram Naresh Bharagava and Gaurav Saxena, Write and Print Publications, New Delhi-15 Page no. 206-226, ISBN: 978-93-84649-60-9.

- i) Siddharth Boudh, Shashank Tiwari and **Jay Shankar Singh** (2017). Microbial Mediated Lindane Bioremediation. In: Agro-environmental Sustainability: Managing Environmental Pollution (Vol-II) (Eds: Singh JS and Seneviratne G), Springer, Netherland.
- j) **Jay Shankar Singh** and D.P. Singh (2017). Methanotrophs: An Emerging Bioremediation Tool with Unique Broad Spectrum Methane Monooxygenase (MMO) Enzyme. In: Agro-environmental Sustainability: Managing Environmental Pollution (Vol-II) (Eds: Singh JS and Seneviratne G), Springer.
- k) Sumit Kaushal and **Jay Shankar Singh** (2017). Wastewater Impact on Human Health and Microorganism Mediated Remediation and Treatment through Technologies. In: Agro-environmental Sustainability: Managing Environmental Pollution (Vol-II) (Eds: Singh JS and Seneviratne G), Springer.
- l) Arun Kumar and **Jay Shankar Singh** (2017). Microalgal and cyanobacterial biofuels: a sustainable alternate to crop-based biofuels. In: Microbes and Environmental Management. (Eds: Singh JS and Singh DP), Studium Press LLC USA. pp. 1-20.
- m) SR Vimal, **Jay Shankar Singh***, NK Arora and DP Singh (2017). PGPR: An effective bio-agent in stress agriculture management. In: Microbial Empowerment in Agriculture: A Key.....Productivity. (Eds: Sharma, BK and Singh Akanksha), Biotech Books, New Delhi. pp. 81-108.
- n) Chowdhary, P., Saxena, G., and **Bharagava R. N** (2016) Role of Laccase Enzyme in Bioremediation of Industrial Wastes and its Biotechnological Application. In: Bioremediation of Industrial Pollutants, Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)
- o) Saxena, G., Chowdhary, P., and **Bharagava, R N**. (2016) Xenobiotics: environmental pollution and health hazards, its biodegradation and future challenges. In : Bioremediation of Industrial Pollutants, Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)
- p) Ashutosh Yadav, and **Ram Naresh Bharagava**. (2016) Organic Pollutants and Pathogenic Bacteria in Tannery Wastewater and their Removal Strategies. In: Microbes and Environmental Management, Studium Press (India) Pvt. Ltd. (ISBN: 9789380012834)
- q) Surabhi Zainith, and **Ram Naresh Bharagava**. (2016) Microbes an Ecofriendly Tools for the Treatment of Industrial Wastewaters. In: Microbes and Environmental Management, Studium Press (India) Pvt. Ltd. (ISBN: 9789380012834.

(b). Research Papers Published:

Sl. No.	Authors	Title	Journal Name, No. and Volume	Year
1.	R. Chandra, V. Kumar	Detection of androgenic-mutagenic compounds and potential autochthonous bacterial communities during in-situ bioremediation of post methanated distillery sludge. Frontier in Microbiology	Frontiers in Microbiology 8: 887	2017
2.	R. Chandra, V. Kumar	Detection of <i>Bacillus</i> and <i>Stenotrophomonas</i> species growing in an organic acid and endocrine-disrupting chemical-rich environment of distillery spent wash and its phytotoxicity	Environmental Monitoring & Assessment 189(1):1-19	2017
3.	R. Chandra, S. Yadav, S. Yadav	Phytoextraction potential of heavy metals by native wetland plants growing on chlorolignin containing sludge of pulp and paper industry	Ecological Engineering 98:134-145	2017
4.	R. Chandra, V. Kumar	Phytoextraction of heavy metals by potential native plants and their microscopic observation of root growing on stabilized distillery sludge as a prospective tool for in situ phytoremediation of industrial waste	Environmental Science and Pollution Research 24(3): 2605-2619	2017

Sl. No.	Authors	Title	Journal Name, No. and Volume	Year
5.	Singh U, Arora NK	Simultaneous biodegradation of phenol and cyanide present in coke-oven effluent using immobilized <i>Pseudomonas putida</i> and <i>Pseudomonas stutzeri</i> .	Brazilian Journal of Microbiology doi.org/10.1016/j.bjm.2016.12.013	2017
6.	Arora NK, Singh R	Growth enhancement of medicinal plant <i>Withania somnifera</i> using phosphate solubilizing endophytic bacteria <i>Pseudomonas</i> sp. as bioinoculant	East Asian Science Technology and Society an International Journal 2(2):13-18	2017
7.	Arora NK, Mishra J	Prospecting the roles of metabolites and additives in future bio formulations for sustainable agriculture.	Appl. Soil Ecol doi.org/10.1016/j.apsoil.2016.05.020.	2016
8.	Sadhana Singh Sagar, Rajesh Kumar and Shilpa Deshpande Kaistha	Efficacy of phage and ciprofloxacin co-therapy on the formation and eradication of <i>Pseudomonas aeruginosa</i> biofilms.	Arabian Journal for Science and Engineering, Springer. ISSN 2193-567X (in press, available online).	2016
9.	Amar Jyoti Das and Rajesh Kumar	Bioremediation of petroleum contaminated soil to combat toxicity on <i>Withania somnifera</i> through seed priming with biosurfactant producing plant growth promoting rhizobacteria.	J Env Mgmt., Elsevier, 174: 79-86.	2016
10.	Pooja Shrivastava, R. Kumar, M.S. Yandigeri	<i>In vitro</i> biocontrol activity of halotolerant <i>Streptomyces aureofaciens</i> K20: A potent antagonist against <i>Macrophomina phaseolina</i> (Tassi) Goid.	Saudi J Biological Sciences, Elsevier	2016
11.	S.R. Vimal, Jay Shankar Singh, N.K. Arora. Surendra Singh	Soil-plant-microbe interactions in stressed agriculture management: A review.	Pedosphere 27, 177-192.	2017
12.	Jay Shankar Singh and S Boudh	Climate Change Resilient Crops to Sustain Indian Agriculture.	Climate Change & Environmental Sustainability 5:97-110.	2017
13.	Jay Shankar Singh, Sumit Kaushal, Arun Kumar, Shobhit R Vimal, VK Gupta	Book Review: Microbial Inoculants in Sustainable Agricultural Productivity- Vol. II: Functional Application.	Frontiers in Microbiology 7:2015, 1-2	2016
14.	C Singh, P Chowdhary, Jay Shankar Singh, R Chandra	Pulp and paper mill wastewater and coliform as health hazards: A review.	Microbiology Research Journal 4(3):28-39	2016
15.	Jay Shankar Singh, PC Abhilash and VK Gupta	Agriculturally important microbes in sustainable food production.	Trends in Biotechnology 34(10): 773-775	2016

Sl. No.	Authors	Title	Journal Name, No. and Volume	Year
16.	ReemaKumari, Jay Shankar Singh and DPSingh	Biogenic synthesis and spatial distribution of silver nanoparticles in the legume mungbean plant (<i>Vignaradiata</i> L).	Plant Physiology & Biochemistry (In Press).	2016
17.	Jay Shankar Singh and VK Gupta	Degraded land restoration in reinstating CH ₄ sink.	Frontiers in Microbiology 7:1-5	2016
18.	Jay Shankar Singh, Arun Kumar, AN Rai, DP Singh	Cyanobacteria: A precious bio-resource in agriculture, ecosystem and environmental sustainability.	Frontiers in Microbiology 7:1-19	2016
19.	Jay Shankar Singh and PJ Strong	Biologically derived fertilizer: A multifaceted bio-tool in methane mitigation.	Ecotoxicology & Environmental Safety 124, 267-276	2016
20.	Vishwas Hare, PragatiKatiyar, V.S.Baghel	Isolation, Biochemical and molecular identification of arsenic resistant bacteria from arsenic affected area from contaminated site of Uttar Pradesh, India.	International Journal of Applied and Advance Scientific & Research	2017
21.	Pragati Katiyar, V.S.Baghel	Monitoring and Assessment of Bacterial Contamination in runoff of Satopanth Glacier, India	Bulletin of Environment, Pharmacology and Life Science, Vol 6[6] May 2017: 89-92	2017
22.	PragatiKatiyar, Pratibha, V.Hare, V.S. Baghel	Isolation, Partial Purification and Characterization of a Cold Active Lipase from <i>Pseudomonas</i> Sp., Isolated from Satopanth Glacier of Western Himalaya, India."	International Journal of Science Research and Management, Vol 5 issue 7, 2017.	2017
23.	Vishwas Hare, Pankaj Chowdhary and V.S. Baghel	Antibiotic Resistance among Enteric Bacteria and their Health Implication".	International journal of Applied and pure science and Agriculture. Vol. 2 Issue 12	2016
24.	Pratibha, PragatiKatiyar, V.S.Baghel	Isolation and Characterization of Psychrotrophic lipase Producing Bacteria from Gangotri Glacier, India	International Journal of Advanced Research in Science, Engineering and Technology Vol. 3, Issue 12	2016
25.	Pratibha, PragatiKatiyar, V.S. Baghel	Isolation and Characterization of Psychrotrophic Protease Producing Bacteria from Gangotri Glacier, India	International Advanced Research Journal in Science, Engineering and Technology Vol. 3, Issue 11	2016
26.	Pankaj Chowdhary, Nandkishor More, Abhay Raj and Ram Naresh Bharagava	Characterization and identification of bacterial pathogens from treated tannery wastewater	Microbiology Research International. 5(3): 30-36	2017
27.	A. Verma, S. Singh, N. Dhusia, R.N. Bhargava, R. Kumar, R. Gautam, Islamuddin, K.R. Venkatesh, N. More	Qualitative Determination of Virgin and Recycled Plastic Used for Drinking and Storing Foodstuff: An Analytical Study Using SEM/EDX	International Journal of Health Sciences and Research. 7(3): 275-283.(IF: 3.624)	2017

Sl. No.	Authors	Title	Journal Name, No. and Volume	Year
28.	Vineeta Kumari , Ashutosh Yadav , Izharul Haq , Sharad Kumar, Ram Naresh Bharagava , Sudheer Kumar Singh , Abhay Raj	Genotoxicity evaluation of tannery effluent treated with newly isolated hexavalent chromium reducing <i>Bacillus cereus</i>	Journal of Environmental Management. 183: 204-211 (IF: 3.131)	2016
29.	Izharul Haq, Vineeta Kumari, Sharad Kumar, Abhay Raj, Mohtashim Lohani, and R.N Bhargava	Evaluation of the Phytotoxic and Genotoxic Potential of Pulp and Paper Mill Effluent Using <i>Vigna radiata</i> and <i>Allium cepa</i>	Hindawi Publishing Corporate Advances in Biology. 1-10	2016
30.	Anjali Verma, Ram Naresh Bharagava , Venkatesh Kumar, Ashima Singh, Namita Dhusia, and Nandkishor More	Role of macrophytes in heavy metal removal through rhizo-filtration in aquatic ecosystem	European Journal of Biotechnology and Bioscience 4(10): 15-20	2016
31.	Ashutosh Yadav, Abhay Raj and Ram Naresh Bharagava	Detection and Characterization of a Multidrug and Multimetal Resistant Enterobacterium <i>Pantoea</i> sp. from Tannery Wastewater after Secondary Treatment Process	Int. J. Plant and Environ. 2(1-2): 37-42	2016

(c) National Conference/Journals/Paper presentation (if any):

- (i) Sangeeta Yadav and **Ram Chandra- (2017)** Detection of Residual Organic Pollutants and Biofilm forming Bacteria. Presented in **4th Lucknow Science Congress (LUSCON-2017)** held from March 3-4th, 2017 at BBAU, Lucknow.
- (ii) Pooja Sharma, Sonam Tripathi and **Ram Chandra (2017)** Bioremediation of Endocrine Disrupting Chemicals (EDC) and refractory organic pollutants of pulp paper mill effluent after secondary treatment in Biostimulation process for environmental safety. Presented in **“4th Lucknow Science Congress (LUSCON-2017)** held from March 3-4th, 2017 at BBAU, Lucknow.
- (iii) **Ram Chandra** and Vineet Kumar **(2017)** Detection of organic pollutants and indigenous bacterial community growing in EDCs and heavy metal rich environment of sugarcane molasses based distillery waste and its disposal challenge. Presented in “National Conference on Science Technology & Innovation for Sustainable Development organised by B.B. Ambedkar University, Lucknow held from March 3-4, 2017.
- (iv) Vineet Kumar and **Ram Chandra (2017)** Characterisation of manganese peroxidase and

laccase producing bacteria capable for degradation of sucrose glutamic acid-maillard products. Presented in “National Conference on Science Technology & Innovation for Sustainable Development organized by B.B. Ambedkar University, Lucknow held from March 3-4, 2017.

(d) International Conference/Journal/Paper Presentation (if any):

- (i) Pooja Sharma, Vineet Kumar, Sonam Tripathi, **Ram Chandra (2016)**. Heavy metal phytoextraction potential of common Indian aquatic weeds and grasses from pulp & paper mill effluent after secondary treatment and their accumulation pattern in different parts. Presented in International Conference organized by The Biotech Research Society India held from December 8-10, 2016 at VIT Villore.
- (ii) **Ram Chandra**, Vineet Kumar **(2016)**. Detection of indigenous bacterial community growing in the endocrine-disrupting chemicals and heavy metal rich environment of sugarcane molasses based distillery waste. Presented in **“International Conference”** organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam

- (iii) Vineet Kumar, **Ram Chandra (2016)**. Isolation, screening and characterization of MnP and laccase producing bacteria capable for degradation and decolourisation of sucrose-glutamic acid maillard products. Presented in “**International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam
- (iv) Pooja Sharma, Sonam Tripathi and **Ram Chandra (2016)**. Bioremediation of Endocrine Disrupting Chemicals (EDC) and refractory organic pollutants of pulp paper mill effluent after secondary treatment in Biostimulation process for environmental safety. Presented in “**International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam
- (v) Sonam Tripathi, Pooja Sharma and **Ram Chandra (2016)**. Evaluation of degradation and decolourisation of molasses melanoidin by potential MnP and Laccase producing bacterial consortium at different nutritional and environmental conditions. Presented in “**International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam
- (vi) Sangeeta Yadav and **Ram Chandra (2016)**. Isolation, purification and characterization of biofilm forming bacteria from pulp & paper mill effluent contaminated sludge. Presented in “**International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam
- (vii) **Ram Chandra** and Vineet Kumar (2016) Environmental Health Hazards of Post Methanated Distillery Waste and its Detoxification. In: Proceeding of 74th Annual Convention of STAI, New Delhi pp-684-699
- Paper in Conference Proceedings: One**
- Ram Chandra** and Vineet Kumar (2016). Environmental Health Hazards of Post Methanated Distillery Waste and its Detoxification. In: Proceeding of 74th Annual Convention of STAI, New Delhi pp-684-699.
- 5. Participation in Orientation/Refresher Course/ Workshop/Seminar/Conference (if any)**
- (i) National Conference on Tourists and Green Spaces: Healthier lifestyle approaches from nature, BBAU Lucknow, 15 July, 2017.
- (ii) International conference on Pharmaceutical, Medical & Environmental Health Sciences, Pune. 16th April, 2017
- (iii) International conference on Agriculture and Biotechnology, Pune, 03rd April, 2017.
- (iv) Rajesh Kumar (2016). Synthesis of stable nanoparticles using biosurfactant through reverse micelle process presented at International Conference on Innovative Approaches in applied sciences and technologies ICIAS-2016 at Faculty of Science, Kasetsart University, Bangkok, 10900, Thailand from Feb 1st, 2016 to February 5th, 2016.
- (v) R.N. Bhargava completed the “Refresher Course” run by the University Grants Commission, Human Resource Development Centre, University of Lucknow, Lucknow, India from June 15-July 05, 2017.
- (vi) राम चन्द्रा (2016). आसवनी अपशिष्ट एवं कागज उद्योग उत्स्राव के कारण पर्यावरण प्रदूषण तथा भारी धातुओं से खाद्य श्रृंखला एवं मानव स्वास्थ्य पर खतरा, राष्ट्रीय वैज्ञानिक संगोष्ठी पर्यावरण प्रदूषण: कारक एवं निवारण 20–21 अक्टूबर, 2016 सीएसआईआर–भारतीय विषविज्ञान अनुसंधान संस्थान; सीएसआईआर–आई.आई.टी.आर., लखनऊ
- (vii) विनीत कुमार एवं राम चन्द्रा (2016). आसवनी अपशिष्ट को अर्नोक्सीकष प्रक्रिया द्वारा शोधनोपरान्त पर्यावरण में सुरक्षात्मक निस्तारण की चुनौतियाँ, विषविज्ञान संदेश, पेज: 34–49, आई0एस0एस0न0 0972–1746
- (viii) राम चन्द्रा, विनीत कुमार, सोनम त्रिपाठी, पूजा शर्मा (2016). कागज कारखानों से उत्सर्जित विषैले अपशिष्टों का पर्यावरण पर दुष्प्रभाव तथा सुरक्षात्मक निस्तारण की चुनौतियाँ, विषविज्ञान संदेश, पेज:19–33, आई0एस0एस0न0 0972–1746
- (ix) राम चन्द्रा, विनीत कुमार, (2016). आसवनी अपशिष्ट एवं कागज उद्योग उत्स्राव के कारण पर्यावरण प्रदूषण तथा भारी धातुओं से खाद्य श्रृंखला एवं मानव स्वास्थ्य पर खतरा विषविज्ञान संदेश, पेज:4–14, आई0एस0एस0न0 0972–1746
- 6. Invited Speaker/Session Chaired in National/ International Conferences details (if any):**
- (i) **Prof. Ram Chandra** was Invited speaker in “57th

Annual **International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam.

- (ii) **Prof. Ram Chandra** was Chaired a technical session in “57th Annual **International Conference**” organized by **Association of Microbiologist of India (AMI)** held from Nov 24-27, 2016 at University of Gauhati, Assam.
- (iii) **Prof. Ram Chandra** was Chaired a technical session in **International Conference** organized by **The Biotech Research Society of India (BRSI)** held from Dec 8-10, 2016 at VIT University, Vellore
- (iv) **Dr. Naveen Kr. Arora** was Invited for Lecture on “Green habitats for rejuvenation of body and soul” in National Conference on Tourists and Green Spaces: Healthier lifestyle approaches from nature, BBAU Lucknow, 15 July, 2017.
- (v) **Dr. Naveen Kr. Arora** was Invited for Lecture on “Exploration of key mechanisms of multidrug resistance in soil bacteria” in International conference on Agriculture and Biotechnology, Pune, 03rd April, 2017
- (vi) **Dr. Naveen Kr. Arora** was Invited for Talk on “Isolation and Characterization of Antifungal Producing *Pseudomonas* SPP” in International conference on Pharmaceutical, Medical & Environmental Health Sciences, Pune, April 16th, 2017
- (vii) **Dr. Rajesh Kumar** was Invited for talk entitled ‘Synthesis of stable nanoparticles using biosurfactant through reverse micelle process’ presented at International Conference on Innovative Approaches in applied sciences and technologies ICIAS-2016 at Faculty of Science, Kasetsart University, Bangkok, 10900, Thailand from Feb 1st, 2016 to February 5th, 2016.
- (viii) **Dr. Rajesh Kumar** was invited to delivered lecture on a topic entitled “Lignocellulosic ethanol: General aspects and current status in 3rd Lucknow Science Congress(LUSCON-15) at BBAU, Lucknow
- (ix) **Dr. Jay Shankar Singh** was chairman in International Conference on Renewable Energy for Sustainable Environment: Challenges and Remedies. Deptt Energy Management, Shri mata Devi Vaishno University, katra, J&K, March 20-21, 2017.

- (x) **Dr. Jay Shankar Singh** was Co-chairman in International conference on the theme “Changing Paradigm of Management Practices for Sustainable Development” on 5th and 6th March 2016, BBAU, Lucknow.

7. Research Guidance :

S.No.	Name of Supervisor	No. of Ph.D. Scholars
1.	Prof Ram Chandra	5 & 1 Young Scientist (DST): Dr. Sangeeta Yadav
2.	Dr. Naveen Kr. Arora	08
3.	Dr. Rajesh Kumar	04
4.	Dr. Jay Shankar Singh	06
5.	Dr. Vinay Singh Baghel	03
6.	Dr. Ram Naresh Bharagava	06 & 1 Pre Ph.D Submission

8. Membership/Fellowship of Professional/Academic Bodies (if any)

Prof. Ram Chandra

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

Dr. Naveen Kumar Arora

- (i) Life Member of Association of Microbiologists of India (**AMI**).
- (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) Annual Member of International Symbiosis Society
- (vi) Member, Academic Council of BBA University
- (vii) Member, Board of Management, BBA University

Dr. Vinay Singh Baghel

- (i) AMI- Association of Microbiologist of India
- (ii) AEB- Academy of Environmental Biology
- (iii) PHFSS- Prof. H.S. Srivastava foundation for Science and Society

- (iv) ISEB- International Society for Environmental Botanist

Dr. Ram Naresh Bharagava

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

9. Google Scholar Profile



Prof. Ram Chandra

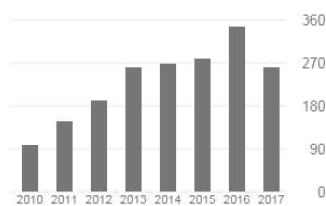
Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar Central University, Lucknow
Verified email at bbau.ac.in
Environment Microbiology (

+ FOLLOW

TITLE	CITED BY	YEAR
Melanoidins as major colourant in sugarcane molasses based distillery effluent and its degradation R Chandra, RN Bharagava, V Rai Bioresour. Technol. 99 (11), 4648-4660	144	2008
Accumulation and distribution of toxic metals in wheat (<i>Triticum aestivum</i> L.) and Indian mustard (<i>Brassica campestris</i> L.) irrigated with distillery and tannery effluents R Chandra, RN Bharagava, S Yadav, D Mohan Journal of Hazardous Materials 162 (2), 1514-1521	136	2009

Cited by VIEW ALL

	All	Since 2012
Citations	2110	1615
h-index	30	25
i10-index	45	42



Naveen Kumar Arora

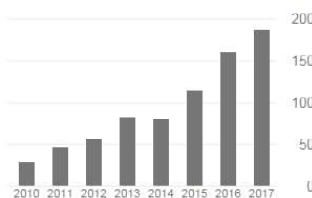
Associate Professor, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar
Verified email at bbau.ac.in - [Homepage](#)
Agriculture Microbiology Environmental Microbiology

+ FOLLOW

TITLE	CITED BY	YEAR
Isolation of siderophore-producing strains of <i>Rhizobium meliloti</i> and their biocontrol potential against <i>Macrophomina phaseolina</i> that causes charcoal rot of groundnut NK Arora, SC Kang, DK Maheshwari Current Science, 673-677	178	2001
Effect of indole-3-acetic acid (IAA) produced by <i>Pseudomonas aeruginosa</i> in suppression of charcoal rot disease of chickpea E Khare, NK Arora Current microbiology 61 (1), 64-68	47	2010

Cited by VIEW ALL

	All	Since 2012
Citations	835	663
h-index	16	16
i10-index	26	21





Jay Shankar Singh

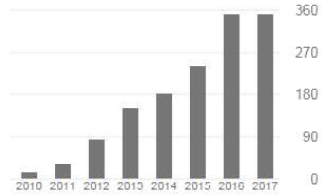
Department of Environmental Microbiology, [Babasaheb Bhimrao Ambedkar University, Lucknow, INDIA](#)
 Verified email at [bbau.ac.in](#) - [Homepage](#)
 Agriculture & Environmen...

+ FOLLOW

TITLE	CITED BY	YEAR
Efficient soil microorganisms: a new dimension for sustainable agriculture and environmental development JS Singh, VC Pandey, DP Singh Agriculture, Ecosystems & Environment 140 (3), 339-353	277	2011
Jatropha curcas: A potential biofuel plant for sustainable environmental development VC Pandey, K Singh, JS Singh, A Kumar, B Singh, RP Singh Renewable and Sustainable Energy Reviews 16 (5), 2870-2883	187	2012

Cited by [VIEW ALL](#)

	All	Since 2012
Citations	1445	1364
h-index	19	17
i10-index	29	29



Dr. Vinay Singh Baghel

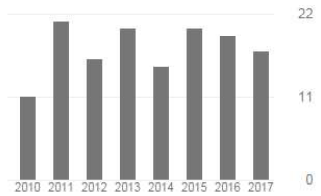
Assistant Professor, Department of Environmental Microbiology, [Babasaheb Bhimrao Ambedkar University](#)
 Verified email at [bbau.ac.in](#)
 Environmental Microbiology

+ FOLLOW

TITLE	CITED BY	YEAR
Bacterial indicators of faecal contamination of the Gangetic river system right at its source VS Baghel, K Gopal, S Dwivedi, RD Tripathi Ecological Indicators 5 (1), 49-56	51	2005
Psychrotrophic proteolytic bacteria from cold environment of Gangotri glacier, Western Himalaya, India VS Baghel, RD Tripathi, PW Ramteke, K Gopal, S Dwivedi, RK Jain, ... Enzyme and Microbial Technology 36 (5), 654-659	40	2005

Cited by [VIEW ALL](#)

	All	Since 2012
Citations	193	107
h-index	7	5
i10-index	5	4



Dr. Ram Naresh Bharagava

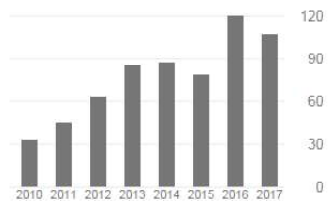
Department of Environmental Microbiology
 Verified email at [bbau.ac.in](#)
 Bio/Phytoremediation of Ind... Metagenomics Environmental Toxicology a...

+ FOLLOW

TITLE	CITED BY	YEAR
Melanoidins as major colourant in sugarcane molasses based distillery effluent and its degradation R Chandra, RN Bharagava, V Rai Bioresource Technology 99 (11), 4648-4660	144	2008
Accumulation and distribution of toxic metals in wheat (Triticum aestivum L.) and Indian mustard (Brassica campestris L.) irrigated with distillery and tannery effluents R Chandra, RN Bharagava, S Yadav, D Mohan Journal of Hazardous Materials 162 (2), 1514-1521	136	2009

Cited by [VIEW ALL](#)

	All	Since 2012
Citations	657	546
h-index	12	11
i10-index	13	13



SCHOOL FOR HOME SCIENCES

Brief Description of the School:

The School for Home Sciences (SHS) is an important inter disciplinary subject with an objective to include teaching and research in various aspects of Home Sciences. The study of Home Science centers around the individual and family and contributes to the personal and professional development of the individual and at macro level deals with the progress and functioning of the society. The philosophy of Home Science is no more considered to aim predominantly at home making but it, to go with the current trends and increasingly aiming at preparing

professional workers as researchers fashion designers, nutritionists, interior designers, teachers, administrators, counselors, extension personnel etc. Home Science curriculum includes the following areas of the study i.e. Foods & Nutrition, Human Development and Family Studies, Family Resource Management, Clothing & Textiles and Home Science Extension & Communication.

The School aims to create an academically vibrating atmosphere, center of excellence on teaching and research in the areas of Home Science. The School is planning to establish three more new departments.

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

Department of Food and Nutrition

Introduction of the Department:-

The Department of Human Development & Family Studies was started in 2007-08 under School for Home Sciences. The Department is running two year M.Sc. Programme and One year program Diploma in Dietetics and Nutrition one year programme under Community College and PhD programme. The Faculty of the Department comprises of one Professor and four Assistant Professors from diverse fields of specialization. The Department organizes regular seminars on every Friday, where students are given opportunity to speak on topic of their choice in order to harness their oratory as well as innovative skills on different traditional and contemporary aspects of the field of Home Science.

M.Sc. Food Science & Technology was started in the session 2013-14 and offers with strength of 30 students in each batch under the Department of Food and Nutrition. A lot of emphasis is also given to strengthen the laboratory facilities and to carryout research in respective field of specialization. To enhance the quality of teaching and research in the university, a three member Departmental Quality Assessment Cell (IQAC) has been constituted.

Citation Index of the Department:-

Prof. Sunita Mishra:- Citation- 295

Dr. Neetu Singh:- Citation-110

Dr. Shalini Agarwal:-Citation- 58

Dr. U. V. Kiran:- Citation – 82

Department Level Academic Activities:

- Both the Departments organizes 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.
- The University adopted eight villages 5+ Sisandi, Dhauasand, Mohan Lal Ganj under Community College Services scheme; the School for Home Sciences actively participates in taking up community level activities in all the villages through sensitization and awareness workshops, skill training programmers and other activities.

Courses offered/New Courses:

M.Sc. Programme in Human Development & Family Studies (HD&FS)

M.Sc. Programme in Food Science & Technology (FST)

One Year Diploma in Dietetics and Nutrition under Community College

Ph.D. Programme in Human Development and Family Studies & FST.

Visitors to the schools, if any:

- (1) Prof.(Mrs.) Rita S. Raghuvanshi
- (2) Prof.(Mrs.) Indu Bansal
- (3) Prof.(Mrs.) Shanti Balda
- (4) Prof.(Mrs.) Archana Chakravarty

Accomplishments of Students

1. Priyanka Singh - Govt. College KhwajaMoinuddinChishti Urdu, Arabi-Farsi University
2. Sarojini Pradhan - Govt. College Madinapur Rampur Odisha
3. Onam Dayal - TeerthankerMahaveer University, Moradabad
4. Megha Sharma - Dietician, Ford Hospital New Delhi
5. Priti - Interschool (Now work as Guest Faculty in DHDSFS)
6. Jyoti Shukla - Assistant Teacher Home Science (L.T) Veer Shivaji Inter College, Sarahari, Gorakhpur (U.P.)India
7. Sudha Pandey - MahakaviSoor Sanskrit Inter College, Khurrampur, Murad Nagar, Gaziabad
8. Ananya Srivastava - VLCC Varanasi

Faculty wise Supervision of the Ph.D and M.Phil Student/ Dissertation and thesis submission/Degree awarded

Prof. Sunita Mishra = Ongoing-06 /Dissertation thesis submission-02/ Awarded-07, Ph.D. 13 School

Dr. Neetu Singh = Ongoing - 01/ /Dissertation M.Sc. thesis submission-07/ Awarded-02 Ph.D.

Dr. Shalini Agarwal = Ongoing - 02/ Dissertation 05 thesis submission-03/ Awarded-02

Dr. U.V.Kiran = Ongoing - 0/ Dissertation 05 thesis -03/ Awarded-02 Ph.D.

Co-curricular/Extra-curricular/Conferences event organized by the Department:

The Department emphasises extensive academic

activities since its inception and in the current academic year, the department organized an International Conference on the topic "Scientific and Technological Advancements: Social Issues and Health Concerns" (18th - 19th Feb, 2014). Delegates from across the world has participated in the conference, given their invaluable inputs and the proceedings of the same is being processed in the form of a book.

- Celebrated National Nutrition Week from 1st September to 7thSeptember 2016
- 1st of September - Workshop
- 2nd of September - Organized Health Camp
- 3rd of September - Recipe Competition
- 5th of September - Poster Competition
- 6th of September - Valedictory Function

The Department also organize Conference on "Tourists and Green Spaces: Healthier life style approaches from nature" on July 15th and 16th 2017. The proposed conference aim to create a green space and awareness about the ecofriendly flora & fauna about the healthy activities of lifestyle and wellness tourism.

The students and faculty were actively engaged in the National level Youth Festival 'Taraunullhas' and also has put up food and other related stalls.

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.

Extra-curricular and Co-Curricular activities are conducted regularly and student's skills are harnessed and encouraged.

Future Plans of the Department, if any:

- To look forward to become the center of excellence in the related areas and opening of another 03 new Department in the school. (Provided if the construction of school building in completed)
- To introduce pure science as well as related multidisciplinary subject so that student of Home Science can fulfill the various societal problems.

Research Projects

NIL

Academic details/activities of the Faculty of your Department under the following heads:

S. No.	Name	Designation	Specialization	Experience
1.	Prof. Sunita Mishra Ph.D. (Sambalpur University) D.Sc. (submitted)	Professor & Head	Food & Nutrition	25 years
2.	Dr. Neetu Singh Ph.D. (B.H.U.)	Assistant Professor	Food & Nutrition	11 years
3.	Dr. Shalini Agarwal Ph.D. (GBPU&T)	Asstt. Professor	Family Resource Management	9 years
4.	Dr. U.V. Kiran Ph.D. (ANGRAU)	Asstt. Professor	Family Resource Management	9 years
5.	Dr Khwairakpam Sharmila	Asstt. Professor	HDF&S	2 years

1. Awards & Recognition

Prof. Sunita Mishra: - 05

- Awarded in 'Food Safety And Quality Control' award by Regional Food Research and Analysis Centre in March 2016.
- Awarded for 'Visualization Of Issue and Prospects of Dr. Ambedkar for Women Empowerment in India' by BBAU, Lucknow in March 2016.
- Awarded by Avinashilingam Institue for Home Science as Lead Speaker 6&7 March, 2017.
- Awarded by Pruvanchal University on Growth of Science & Technology in Purvanchal University 8 to 10 September 2017. Institute for Home Science as Lead Speaker 6&7 March, 2017.
- Awarded for 'Feminist Methodology in Social Science' in March 2016 in BBAU, Lucknow

2. Members of Board/Committee (outside BBAU)

Prof. Sunita Mishra - NAAC Assessment Committee Member

- JNU Govt. College, Chandigarh, Punjab NAAC Coordinator 8/08/2016 to 11/08/2016
- National Assessment and Accreditation Council (NAAC) Nagarbhavi, Bengaluru NAAC Assessor 24/05/2016 and 25/05/2016

3. Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017) :

Prof. Sunita Mishra - NIL
Dr. Shalini Agarwal - NIL
Dr. Neetu Singh - NIL

Dr. U. V. Kiran - NIL

Dr. Khwairakpam Sharmila - NIL

4. Research Publication (s) (2016)

Prof. Sunita Mishra - 26

Dr. Shalini Agarwal - 15

Dr. Neetu Singh - 09

Dr. U. V. Kiran - 10

Dr. Khwairakpam Sharmila - International Journal (01)

a. Book(s)-

Prof. Sunita Mishra - 21

1. **To assess visually Handicapped children genre across of Lucknow City**, Lambert Publication 2017.
2. **A study on knowledge about government schemes for the elderly people**, Lambert Publication 2017.
3. **Elderly well being: in institutionalized and non institutionalized**, Lambert Publication 2017.
4. **Feeding practices and Anthropometric measurements of pre-school children**, Bharatiya Vidya Sansthan, Varanasi, U.P., 2003
5. **Protective Nutrition** (Surakshatmak Poshan, in Hindi) : Ratna off set and printers, Kamacha, Varanasi, 2004
6. **Vyanjan : A text book of Nutrition**, Selective and Scientific Books, Raisina Road, Delhi, 2004

7. **Gramin mahilaon ke liye bachokes wasthya sambandi paramarsh pustika.** Bharatiya Vidya Sansthan, Jagatganj, Varanasi., 2005
8. **Home Management and Interior Decoration,** India Books, Sapna Ashok Publication Varanasi, 2006
9. **Physiology and Health Science**(SharirRachanaAbamSwasthyaVigyan in Hindi) University Publication, Ansari Road, Daryaganj, New Delhi, 2007
10. **Home Management**(GhrihPravandh in Hindi), University Publication, Ansari Road, Daryaganj, New Delhi, 2007
11. **Community Health** (SamudayikSwasthya in Hindi), University Publication, Ansari Road, Daryaganj, New Delhi, 2007
12. **Textile Science** (VastraVigyan in Hindi), University Publication, Ansari Road, Daryaganj, New Delhi, 2008
13. **Extension Education** (PrasarVigyan (In Hindi) University Publication, Ansari Road, Daryaganj, New Delhi, 2008
14. **Home Science** (GhrihVigyan in Hindi) University Publication, Ansari Road, Daryaganj, New Delhi, 2008
15. **AharAvamPoshanVigyan** (In Hindi)University Publication, Ansari Road, Daryaganj, New Delhi, 2008
16. **Nutritional Trends in Family and Community Studies,** Shree Publication, New Delhi, 2011.
17. **Contemporary Approach in Family and Community Studies,** Shree Publication, New Delhi, 2011.
18. **UGC NET Study Manual, Home Science,** Selective& Scientific Books, New Delhi, 2013.
19. **Practical Manual on Human Physiology (Dietetics) selective to scientific books,** New Delhi, 2014.
20. **Practical Manual of Dietetics & Nutrition, selective to scientific books,** New Delhi, 2015.
21. **Functional English Grammar, Selective & Scientific** New Delhi. ISBN:978-81-8912860-9-2015

Dr. Neetu Singh - 02

- **Practical manual of food chemistry and**

nutrition, Sarita book house, Delhi-110001,ISBN 978-81-85394-77-0, 2016

- **A handbook on baking: processing& technology**, army printing press, Lucknow, ISBN 978-81-932605-1-7

Dr. U.V. Kiran-01

- **Books Published A Handbook on Baking:Processing & Technology**, 2017, APP publishers (ISBN:78-81-932605-1-7)

Book(s)/Book Chapter (s):-

Prof. Sunita Mishra - 32

Authored Book/Edited Book:-

Prof. Sunita Mishra

- Manual for B.sc M.sc Home Science - 02
- Manual for Diploma & Dietetics - 02
- UGC Manual in Home Science - 01

Monograph(s) (if any)

b. Paper published:-

Prof. Sunita Mishra:-

1. Dubey **Poorva Mishra Sunita (2017)** Effect of Okra Seeds in reduction of cholesterol. Journal of Entomology and Zoology studies. Volume no. 5
2. Dubey **Poorva Mishra Sunita (2017)**A review on : Dibaties and Okra (Avelmoschusesculentus) Plants journal volume 5
3. Rana Chanchal **Mishra Sunita (2017)**A review on applications of multimedia and e- education technology in smart education. Advance research Journal of Social Science, volume-8
4. Rana Chanchal **Mishra Sunita (2017)** A review on applications of multimedia and e- education system for smart education. Internation Journal of Home Science. Volume-3
5. Chandra S and **Mishra(2016)** Detection of heavy metals and elements via SEM technique in green leafy vegetables. International journal of food Science and Nutrition. Vol 1 (5):54-58.

Impact Factor: 5.14

6. **Mishra S and Mishra S (2016)** Sensory Analysis of Value-Added Product By Using Pearl Millet, Quinoa and Prepare Ready-To-Use Upma Mixes. International Journal of Current Research Vol 8 (8) : 35616-35619

Impact Factor: 6.2

7. Chandra S and **Mishra S (2016)** Health Risk Assessment of Heavy Metals (Pb, As.) for Humans via Consumption of Green Vegetables. International Journal of Current Research Vol 8(8):35598-35601.

Impact Factor: 6.2

8. Yadav T and **Mishra S (2016)** Nutritional Analysis of Value Added Gluten Free Biscuits by using Soybean, Rice and Corn flour. International Journal of Current Research. Vol 8(7):50. Impact factor: 6.2
9. Yadav T and **Mishra S (2016)** Organoleptic evaluation of value added gluten free biscuits. International journal of Food Science & Nutrition. Vol 1(5):37-40.

Impact Factor:5.14

10. Singh D and **Mishra S (2016)** Enforcement of SarvaShikshaAbhiyan A lead to uphold the supremacy of ISSN:0975-833X
11. Rai S and **Mishra S (2016)** Nutraceutical and functional foods: An approach to improve the Human Health. International Journal of Current Research. Vol 8(09): 38429-38436.

ISSN: 0975-833X

12. Rathaur A and **Mishra S (2016)** Study on institutionalized and non-institutionalized elderly people. International Journal of Home Science.

Vol2(3):77-79.

13. Mishra S and **Mishra S (2016)** Nutritional Analysis of Value-Added Product by Using Pearl Millet, Quinao And Prepare Ready-To-Use Upma Mixes. International journal of food Science and Nutrition. Vol 1(5):41-43
14. Srivastava N and **Mishra S (2016)** A study of life satisfaction among old age people of Lucknow (UP). International Journal of Current Research. Vol 8(6).

ISSN:0975-833X

15. Rathaur A and **Mishra S (2016)** Psychological and emotional well being in non-institutionalized population. International Journal of Humanities and Social Science Research. Vol 10(16): 49-54.

Impact Factor : 5.22

16. Singh S and **Mishra S (2016)** Nutritional analysis

of value added product of banana chips enriched with sugar powder, mint and tomato powder. International Journal of Current Research. Vol 8(8) :35620-35623.

ISSN: 0975-833X

17. Katheria N and **Mishra S (2016)** Comparative study on normal brown bread enriched with (barley and falxseed) brown bread for aged person. International Journal of Current Research. Vol 8(8) : 35607-35612.

ISSN: 0975-833X

18. Srivastava N and **Mishra S (2016)** Influence of types of Living on life satisfaction among elderly of Lucknow city. International Journal of Home Science 2(2): 277-279.

Impact Factor - 5.3

19. Tyagi N K and **Mishra S (2016)** Dual Burden of Malnutrition. International Journal of Current Research. Vol 8(8):37388-37393.

ISSN:0975-833X

20. Singh Sand **Mishra S (2016)** A study an interactive elementary education (3-6) with multimedia. International Journal of Home Science Vol:2(1): 214-215.
21. Singh Sand **Mishra S (2016)** Positive Influence of the multimedia in primary education International Journal of Indian Psychology. Vol 3(2):179-183 ISSN:2349-3429, Impact Factor: 6.3 2015.
22. Katheria N and **Mishra S (2016)** Nutritional Analysis Of Value Added Soup For The Cardiovascular Patient International Journal of Current Research 6.2.
23. P Verma and **Mishra S (2016)** Potential of Flaxseed in the reduction of LDL in hypercholesterolemic rats (25859-25862)International Journal of Science and Research ISSN:2395-04633.508.
24. K. Yadav, and **S Mishra (2016)** Healthcare Support Among Elderly Population, The International Journal of India Psychology, Volume 4, Issue 1, No. 74, Dip : 18.01.037/ 20160401, ISBN:978-1-365-45447-9.
25. K. Yadav, and **S Mishra (2016)** Government Policies and programme Guidelines for aged people, International journal of Home Sciences; 2(3):257-260.

26. K. Yadav, and S. Mishra (2016) study about depression and stress among older people, National Journal of Multidisciplinary Research and Development, Volume 1; Issue 4; September 2016; Page No. 07-11 ISSN: 2455-9040.

Dr. Neetu Singh:-

1. "Heart Disease associate attitude and practices among early adults of Lucknow city" feb-2017 international journal of current research and review 2231-219, 64.016 Co- author.
2. Perception of risk of cardiovascular disease among early adulthood in Lucknow city, 2017 ALameen journal of Medical sciences 0974-1143, 4.028
3. Sensory Evaluation of Tea Formulated by Utilizing Fruit Peels & Spices, June 2016 International Journal of recent Scientific 0976-3031. 6.86 Co- author
4. An Evaluation of Quality of Life Among Hostel Inmates, Aug 2016 International Journal of Home

Science 2395-747 65.3, Co- author

5. Value added Oats Snacks in Youth July 2016 International Journal of Current Research 0975-833X

Co- author

6. Impact of Emotions on Their Self Efficacy Among Hostel Inmates, 2016 International Journal of Applied and Pure 2394-5532 4.446 Co- author
7. Effect of intervention on Existing knowledge of consumers about consumer education. 12263-12271. Feb 2016 European Academic Research. 11(III) ISSN: 2286-4822, 3.4546 (UIF) Co- author
8. Assesment of consumers awareness about Food Adulteration and its harmful Feb 2016 International journal of research. 4(3) P-ISSN: 2348-6848, 3.541 Co- author
9. Knowledge associated with cvd among early adulthood Oct 2016, International Journal of current Research 40768-40773 3.41 Co- author

Dr. U.V. Kiran:-

1.	Prevalence of Musculoskeletal Disorders (MSDS) among unorganized worker with reference to Lucknow City, Uttar Pradesh	International Journal of Current Research	0975-833X
2.	Occupational Stress among Brick Kiln Workers Interaction of Demographic Variables.	International Journal of Research in Social Science	2249-2496
3.	Barriers in using ICT devices among visually impaired students	International Journal of Research in Social Science	2249-2496
4.	Instrument Development and Validation of a Quality Scale: ICT enabled devices for differently abled students	International Journal of Current Research	0975-833X
5.	Determine the relationship between cognitive abilities and subjective well being among elderly	International journal of Home science	2395-7476
6.	Compare the cognitive abilities and subjective well being of elderly living with families and oldage homes	International journal of Indian psychology	2348-5396
7.	Exploring the key factors of physical stress among unorganised workers empirical evidence from Lucknow, Uttar pradesh	International Journal of Advanced Research	1001-1007
8.	Assessmet of adjustment among street children	International Journal of Research, 3(12): 2016	2348-795X
9.	Regression modelling of occupational stress	International Journal of science, Technology & society , 1(2): 2016	
10.	Occupational stress among dentists	IJSER, 4(7) : 2016	

- c. National Conference/Journals/Paper presentation (if any)
- d. International Conference/Journal/Paper Presentation (if any)
5. Participation in orientation/Refresher Course/Workshop/Seminar/Conference (if any)

Prof. Sunita Mishra – Workshop - 02

Dr. Shalini Agarwal – Workshop – 02 / Conference - 01

Dr. Khwairakpam Sharmila – Conference Participated – 03

6. Invited Speaker/Session Chaired in National/International Conferences details (if any)

Prof. Sunita Mishra – Invited Speaker: 11

- Lucknow University Food safety issues: Challenges and concern 5/4/2017
- Khwaja Moinuddin Chichti Urdu Arabi Farsi University, National Seminar on Youth Empowerment: Issues, 22/2/2017
- G.D. Goenka Public School, Lucknow Graduation Day Function 17/3/2017.
- Avinashlingam Institute for Home Science and Higher Education Women's Diamond Jubilee Celebration 06/3/2017.
- Centre for Personality Development Babasaheb Bhimrao Ambedkar University, Lucknow Valedictory function 06/3/2017.
- NIPCCD, Lucknow Food Safety issues: Malnourishment and over nutrition 31/3/2017
- R-FRAC Food Safety and Codex Alimentarius 7/3/2016.
- Khwaja Moinuddin Chishty Urdu Pare University Feminist Methodology in Social Sciences 8/3/2016.
- National Institute of Public Co-operation and Child Development (NIPCCD) Single Girl Child survival 15/9/2016
- Integral University Modernization of Food Processing industries 11/11/2016.

Dr. Shalini Agarwal – Invited Speaker: 03

- Delivered a lecture on Activities for Language

Development among Preschoolers in National Institute of Public Cooperation and Child Development, (NIPCCD) Lucknow on 16.7.2016.

- Delivered a lecture on Malnutrition, Millennium goals and ECCE in National Institute of Public Cooperation and Child Development, (NIPCCD), Lucknow on 23.9.2016.
- Invited Talk on counseling for children with dyscalculia: present day need at Lucknow Science Congress (LUSCON 2017) on Science Technology and Innovation for Sustainable development organized by the Babasaheb Bhimrao Ambedkar University, Lucknow on 4th March 2017.

Dr. Neetu Singh – Paper Presented/Invited Speaker

- A national workshop on Nutrition week celebration on (Life cycle approaches for better nutrition) School for Home Sciences BBAU 1st sept- 7th sept 2016
- National workshop cum awareness campaign on "consumption of foods high in fat, salt and sugar (HFSS) for young and adolescents at School for Home Sciences BBAU Lucknow organized by NIPCCID Lucknow. 31st March 2017
- Characterization of snack products developed by various by-products of rice and pulse for school going children 31st biennial conference of Home Science Association of India "Science and technology for reaching the Unreached", Home Science Association of India (Dharwad Chapter). 28th – 30th Jan 2016.
- 4th Uttar Pradesh Agricultural Science Congress held at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur 2nd - 4th March 2016
- 4th Lucknow Science 4th Congress on "science technology and innovation for sustainable development" organized by BBAU, Lucknow, March 2017

Dr. Khwairakpam Sharmila – Invited Speaker: 03

- Delivered a **lecture** on Psychosocial Development of Children in Preschool at National Institute of Public Cooperation and Child Development, Lucknow on 16th July 2016.

- Delivered a **lecture** on Concepts of Personality Development at **one month training programme in Personality Development** for students at the **Centre for Personality Development, Babasaheb Bhimrao Ambedkar University, Lucknow on 1st March 2017.**
- Invited Talk on Role of women in agriculture and development at **Lucknow Science Congress (LUSCON 2017)** on Science Technology and Innovation for Sustainable development organized by the **Babasaheb Bhimrao Ambedkar University, Lucknow on 4th March 2017.**

7. Research Guidance (if any)

Prof. Sunita Mishra – M.Sc. -8, M.Phil – 04, Ph.D.-06

Dr. Neetu Singh – M.Sc. -07, M. Phil-02, Ph.D.-01

Dr. Shalini Agarwal – 04 M.Sc., M.Phil-02, PhD- 02

Dr. U.V. Kiran- 05 M.Sc., M.Phil-02, Ph.D.-01

Dr. Khwairakpam Sharmila- 01 (M.Sc.)

8. Membership/Fellowship of Professional/Academic Bodies (if any)

Prof. Sunita Mishra:-

- Chairmen of Board Post Graduate Studies (BPGS), School for Home Sciences.
- Chairmen of Departmental Research Committee (DRC), School for Home Sciences.
- Member of High Power Committee of B.B.A.U.

Dr. Shalini Agarwal:-

- Member of Board of Post Graduate Studies (BPGS), School for Home Sciences.

Dr. Neetu Singh -

- Life Member of Zoological Society Of India 2017

Dr. U. V. Kiran -

- Life Member – Indian Gerontological Association
- Life Member- International Science Congress Association
- Life Member- Indian Ergonomics Association
- Life Member- Home Science Association of India
- Life Member – Indian Science Congress Association

- Life Member - Asean Regional Association for Home Economics
- Life Member – Asian Journal of Home Science

Dr. Khwairakpam Sharmila:-

- Lifetime member of Home Science Association of India.
- Member of Board of Post Graduate Studies (BPGS), School for Home Science.
- Member, Departmental Research Committee (DRC), School for Home Sciences

9. Google Scholar Profile (if available)

Prof. Sunita Mishra:-

Google Scholar Citation- 295

h-index – 8

i10 index-6

Dr. Shalini Agarwal:-

Google Scholar Citation- 58

h-index – 5

i10 index-2

Dr. Neetu Singh:-

Google Scholar Citation-110

h-index –6

i10 index-4

Dr. U. V. Kiran:-

Google Scholar Citation – 82

h-index – 4

i10 index-2

10. Any Other remarkable information

Prof. Sunita Mishra:-

- Organized Conference As a Organizing Secretary on Tourists and Green Spaces: Healthier Life Style Approaches From Nature 15th& 16th July 2017 with a collaboration of Ministry of Tourism Government of India.
- Visited Sishindi Village, Mohanlalganj, UP on 6th September 2016.

Dr. Shalini Agarwal :-

- Attended and participated One day brain storming programme on **Health care of women farming community on 30th March, 2017** at **Uttar Pradesh Council of Agricultural Research, Lucknow.**
- Visited Sishindi Village, Mohanlalganj, UP on 6th September 2016
- Assisted Excellia School, Lucknow in Rakhi Tying activity around the trees of BBAU on 17th August 2016

Dr. Khwairakpam Sharmila:-

- Attended and participated One day brain storming programme on **Health care of women farming community on 30th March, 2017** at **Uttar Pradesh Council of Agricultural Research, Lucknow.**
- Visited Dhanuashand Village, Mohanlalganj, Uttar Pradesh on 2nd May 2016
- Visited Sishindi Village, Mohanlalganj, UP on 6th September 2016
- Assisted Excellia School, Lucknow in Rakhi Tying activity around the trees of BBAU on 17th August 2016

SCHOOL FOR INFORMATION SCIENCE & TECHNOLOGY

Brief Description of the School

School for Information Science and Technology is running four departments namely Department of Information Technology, Department of Computer Science, Department of Library and Information Science and Department of Mass Communication and Journalism.

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 makes 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 COMPUTER SCIENCE

Introduction of the Department

Department of Computer Science is functioning in the University since 1997 with main objective to providing the up-to-date knowledge of the core field of computer science to the students through effective teaching programs thereby enabling students to enhance their knowledge and get employed in leading corporate and IT sectors to serve the country to bridge the digital divide. Presently the department is offering three years full time Course of Master of Computer Applications, MCA Evening and Ph.D. programmes 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.

At present the department has one state-of-the-art Computer laboratory fully equipped with latest i7 Computer Systems well connected through LAN and wi-fi. The department has Laser Printers, DeskJet Colour Printers and Scanners, Multimedia LCD Projector, Overhead Projector (OHP) and other

peripherals. Department also has a fully equipped smart class and departmental library consisting reference books and project report/thesis. The internet facility is available for students and research scholars through National Knowledge Network (NKN).

The department also provides expertise in implementing various projects of university for computerization and automation

Citation Index of the Department

Citations= 48+

h- Index= 30+

I-10 index= 15+

Faculty Details:

Sl.No	Name	Designation	Contact	Qualification	Area of Specialization
1.	Dr. Sanjay K. Dwivedi	Professor & Head	09452757447 0522 2965316 (O)	M.C.A., Ph.D.(Computer Science)	Web Mining, Artificial Intelligence, Operating System & Word Sense Disambiguation
2.	Dr. Vipin Saxena	Professor	09452372550 0522 2965316 (O)	M.Sc. (Appl. Mathematics), M.C.A., M.B.A., M.Phil. (Computer Applications)& Ph.D.	Scientific Computing & Software Engineering
3.	Dr. Deepa Raj	Assistant Professor	09411479350 0522 2965316 (O)	M.sc.(Computer Science), Ph.D.	Software Engineering, Computer Graphics & Image Processing
4.	Dr. Manoj Kumar	Assistant Professor	09758558385 0522 2965316(O)	M.C.A., Ph.D.(IITR)	Image Processing, Computer Vision and Graphics
5.	Dr. Narander Kumar	Assistant Professor	07500371818 0522 2965316 (O)	M.C.A., Ph.D. (CS & IT)	Cloud Computing and Resource Management
6.	Dr. Shalini Chandra	Assistant Professor	07505725243 0522 2965316 (O)	M.C.A., Ph.D. (IT)	Software Engineering

Department Level Academic Activities:

A number of invited talks have been organized in the department. Student's activities at various levels are regularly organized in the department. Some of the activities organized in the department include:

- Department has organized lecture series on

During 29th April -2nd May 2016 wherein two talks were organized

- One of the lecture was a motivational speech by Shri Pankaj Agarwal, C.A., Lucknow and the topic was "Universal Outlook and Intellectual Transformation"



- Another lecture was delivered by Dr. V.B. Singh, University of Delhi, on "Quantitative Methods in Open Source Software Evolution: Modeling and Applications"
- Department has organized Technical session in Computer Science during 4th Lucknow Science Congress (LUSCON-2017) on 03rd March, 2017.
- Lecture by Prof. A.K. Malviya, KNIT, Sultanpur on the topic "Software Testing"
- Lecture by Prof. Manish Gaur, I.E.T. Lucknow on the topic "Introduction to Formal Methods & Verification of Large System"
- Department organized One Week Workshop on Emerging Research Trends in Computer Science (ERTCS-2017) from 20th March, 2017 to 24th March, 2017. Lectures from the eminent expert in the field were also delivered as follows:
 - Talk by Prof. R. B. Mishra, IIT BHU on "Bio Informatics Methodology, Machine Learning and its applications".
 - Workshop by Prof. Rajeev Pandey, Lucknow University on "SPSS".
 - Talk by Dr. Sanjeev Kumar, IIT Rorkee on "Principal Component Analysis with MATLAB" and "Linear Discriminant Analysis and its Applications"
 - Talk by Dr. Surinder Kumar, BBAU, Lucknow on "Testing of Hypothesis".
 - Talk by Dr. Manish Gaur, I.E.T., Lucknow on "Routing Calculi".
- Talk by Prof. S. P. Tripathi, I.E.T., Lucknow on "Design Science Research Methodology"
- Workshop by Dr. Puneet Mishra, Lucknow University on "Computational Tools in Research"
- Talk by Dr. Vishal Goyal, Punjabi University, Patiyala on "Natural Language Processing"
- Talk by Dr. Ashish Khare, JK Institute, Allahabad on "Research Trends in Video Conferencing"
- Talk by Dr. Triloki Pant, Dehradoun University on "Overview of Image Processing"
- Talk by Prof. C. M. Pandey, SGPGI, Lucknow on "Biostatistics & Health Informatics"

Courses Offered / New Courses

- MCA
- MCA (Evening): From session 2015 onwards

H. Visitors to the Department, if any

A number of professors visited the department for various academic program/meeting/talks

- Prof. S.P. Tripathi, IET, Lucknow
- Prof. R. B. Mishra, IIT, BHU
- Prof. A. K. Malviya, KNIT, Sultanpur
- Prof. C. M. Pandey, SGPGI
- Dr. Ashish Khare, JK Institute, Allahabad
- Dr. Vishal Goyal, Punjabi University, Patiyala
- Prof. Manish Gaur, IET (AKTU)

- Sh. Ashish agrarwal, Sr. Technical Director, NIC
- Dr. V.B. Singh, University of Delhi
- Shri Pankaj Agarwal, C.A
- Prof. Rajeev Pandey, Lucknow University
- Prof. B.S. Badhoria, BBAU
- Prof. Surinder Kumar, BBAU
- Dr. Puneet Mishra, Lucknow University

Accomplishments of Students

Student's activities at various levels are regularly organized in the department.

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

S.No	Name	Supervisor	
1.	Kamlesh Kumar Verma	Prof. Vipin Saxena	
2.	Rashmi Singh		
3.	Sneh Lata		
4.	Yasar Seikh		
5.	Ganesh Chandra	Prof. S.K.Dwivedi	
6.	Bhupesh Rawat		
7.	Shweta Vikram		
8.	Chandrakala Arya		
9.	Sachin Sahu		
10.	Akhilesh Rawat		
11.	Seema Gupta		Dr. Deepa Raj
12.	Pushpa Mamoria		
13.	Neetish Kumar		
14.	Bably Dolly*		
15.	Sonam	Dr. Manoj Kumar	
16.	Swati Saxena	Dr.Narander Kumar	
17.	Priyanka Chaudhary		
18.	Surender Kumar		
19.	Jitendra Samariya		

*Decision Pending

Co-curricular/Extra-curricular/conferences event organized by the Department

- Technical session in Computer Science organized by department during 4th Lucknow Science Congress (LUSCON-2017) on 03rd March, 2017.

- Department organized One Week Workshop on Emerging Research Trends in Computer Science (ERTCS-2017) from 20th March, 2017 to 24th March, 2017.

Future Plans of the Department, if any

- Department is planning to increase the laboratory facility to its students and research scholars by setting up a new computer lab and which is already in process.
- Faculty members would be encouraged to organize activities such as invited talks by experts from industry and academics, workshop and hands-on practice on tools etc.
- Department has made efforts in improving the quality of research by adopting rigorous process of progress review and encouraging its researchers to produce quality in their research.

Research projects

NIL

Academic details/activities of the Faculty of your Department under the following heads:

Dr. S.K Dwivedi

Award and Recognition

1. A Talk on "AI: Issues and Future", SRM University Lucknow, India, 16 Apr 2016.
2. Invited Talk on "Introduction of Cross Language Information Retrieval", In One week workshop on Advances in Computing Technology (ACT-2016), Organised by Department of Computer Science and Engineering, M.M.M. University, Gorakhpur, India. July 03-09, 2016.
3. Invited Talk on "Cross Language Information Retrieval", In one week faculty development programme on "Role of MATLAB in Advance Computing" under TEQIP- II, Organized by department of CSE, KNIT Sultanpur, July 2016.
4. KeyNote speaker on "Research and Applications of NLP in IR", In Two days' national workshop on Natural Language Processing Tools and Techniques, Organised by Department of Computer Science, Amity University, Lucknow, India, 24th -25th Jan 2017.
5. Invited Talk on 4th Lucknow Science Congress,

Luscon- 2017, Lucknow, India. 3rd – 4th March 2017.

- Invited Talk on “E- Governance: Challenges and limitations” and “E- Governance”, organized by U.P. Academy of Administration and Management (UPAAM), Lucknow, India, 26 Apr 2017.

Members of Boards/ Committee

- Editorial Board member/ Reviewer of SCI Journals; Inderscience and IAJIT and many more reputed International Conferences.
- Expert member of DHSG Sagar University, M.P.
- Member Board of Studies Computer Applications RML Awadh University Faizabad.
- Expert Member of National Institute of Electronics and Information Technology (NIELET).
- Convener Technical Session “3th Lucknow Science Congress, Luscon- 2015”, held on Oct 31th – Nov 2nd 2015, Lucknow, India.
- Convener Technical Session “4th Lucknow Science Congress, Luscon- 2017”, held on 3rd – 4th March 2017, Lucknow, India.
- Director, One week Workshop On “Emerging Research Trends In Computer Science ERTCS-2017”, by department of Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University), held on 20-24 March 2017, Lucknow, India.

Research Publications

International journals

- Sanjay K. Dwivedi, Ganesh Chandra “A Survey on Cross-Language Information Retrieval” published in International Journal on Cybernetics & Informatics (IJCI) Vol.5, No.1, pp127-141, Feb. 2016
- Sanjay K. Dwivedi, Ganesh Chandra, “Query Expansion for Effective Retrieval Results of Hindi-English Cross Lingual IR” International Journal of Applied Artificial Intelligence (Taylor & Francis). (under Review)
- Vaishali Singh, Sanjay K. Dwivedi, “An Integrated Query Reformulation Technique for Automated Question Answering System”, Expert System and Application (Elsevier) under final review
- Vaishali Singh, Sanjay K. Dwivedi, “A

personalized approach for Question answering”, International Arab Journal of Information Technology (Under Review).

- Bhupesh Rawat , Sanjay K. Dwivedi, “An Architecture for Recommendation of Courses in E-learning”, International journal of information technology and computer science, Vo.9 (4), 2017.
- Ganesh Chandra, Sanjay K. Dwivedi, “Assessing Query Translation Quality Using Back Translation in Hindi-English CLIR”, International Journal of Intelligent Systems and Applications 9.3 (2017):51.
- Ganesh Chandra, Sanjay K. Dwivedi, “Query Expansion based on Term Selection for Hindi-English Cross Lingual IR”, Journal of King Saud University- Computer and Information Sciences, Elsevier.
- Chandrakala Arya, Sanjay K. Dwivedi, “Keyphrase Extraction for News web Pages”, Journal of King Saud University- Computer and Information Sciences, Elsevier (Under Review).

International Conferences

- Sanjay K. Dwivedi, Chandrakala Arya, “Automatic Text Classification in Information Retrieval: A Survey” 2nd International Conference on Information and Communication Technology for Competitive strategies (ICTCS- 2016), March 2016. (ACM Digital Library)
- Sanjay K. Dwivedi, Bhupesh Rawat, “A Review on Improving Recommendation Quality by using relevant Contextual Information”, 3rd International Conference on Computing for Sustainable Global Development, March, New Delhi, 2016, **IEEE Xplore**
- Sanjay K. Dwivedi, Bhupesh Rawat, “Issues and requirements for successful integration of semantic knowledge in web usage mining for effective personalization”, International Conference on smart trends in computer communication and information technology, August, 2016, **SPRINGER**.
- Sanjay K. Dwivedi, Chandrakala Arya, “News web page classification using URL content and structure attributes”, 2nd IEEE international conference on next generation computing technologies, October, 2016, **IEEE Xplore**.
- Sanjay K. Dwivedi, Chandrakala Arya, “A Survey of News Recommendation Approaches” international conference on ICT In Business

Industry Government, November 2016, **IEEE Xplore**.

- Sanjay K. Dwivedi, Shweta Vikram, "Word Sense Ambiguity in Question Sentence Translation: a Review" In 2nd International Conference on Information and Communication for intelligent Systems, March 2017, **SPRINGER**.

Conferences and Workshops

- International conference on ICT In Business Industry Government, **IEEE Xplore**, Organised by Shri Aurobindo Institute of Technology, held on 18-19 November 2016, Indore, India.
- International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017), held on 14th -16th Feb 2017, Lucknow, India.
- National Conference on Transforming Libraries in 21st Century (NCTL2017), Organised by Department of Library and Information Science, B. B. A. university, held on 30 March 2017, Lucknow, India.
- One Day National Seminar on Professional Development of teachers organised by Department of Education, B.B.A.University, Lucknow, India.

Prof. Vipin Saxena

Award & Recognition (if any)

- National Bharat Jyoti Award 2008 and National Rajiv Gandhi Excellence Award 2009;
- Chairman of Board of Studies of Centre for Vocational Studies, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 1997-2000;
- Incharge of Centre for Vocational Studies, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 1997-2001;
- Coordinator of Department of Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2001-2005;
- Head of Department of Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2005-21/07/2008;
- Chairman of Board of Studies of Department of Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University),

Lucknow, India from 2001-21/07/2008;

- Chairman of Departmental Research Committee in Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2001-21/07/2008;
- Member of **Research Degree Award Committee of University**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2005-Till Date;
- Member of **School Board of the Department of Computer Science**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2001-Till Date;
- Member of **Academic Council**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from 2005-Till Date;
- Member of **Board of Management**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India from Aug. 2008-18/01/2009 and from 21/07/2011-july 2014
- Chairman** of Central Computer Purchase Committee for Computerization of B.B. Ambedkar University Campus,
- Coordinator** of University Placement Cell from 12/09/2008 to 2nd Dec. 2009.
- Members of Board/Committee (outside BBAU)**
- Adjunct Professor, Bharti Vidyapeeth, Rajasthan, IGNOU, New Delhi, SRM University, Lucknow
- Life Membership of Indian Science Congress (Membership No.: L13762);
- Life Member of Prof. H.S.Srivastava Foundation of Science and Society;
- Senior Member of International Association of Computer Science and Information
- Technology (Membership No.: 80341530);
- Member of International Association of Engineers (Membership No. 113182);
- Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017)**
- Research Publication (s)**

Dr. Deepa Raj

a. Research Publication

Journals

- Deepa Raj, Seema Gupta, "Adaptive lossless

compression dictionary based”, far east journal of electronic and communication, Scopus indexed, 0973-6999,2016.

2. Deepa Raj, Pushpa Memoria, “Comparison Edge detection using fuzzy method and classical method”, *I.J. Image, Graphics and Signal Processing*, Mecs publication,2016.
3. Raj Deepa and Gupta Seema, “Segmentation and Reassembly of images using Bitplane slicing in adaptive dictionary based compression” published in international journal of computer application, Number1, pp-1-4, ISSN:0975-8887, August 2016, US

Conference or/Workshop Organized

One weak workshop on Emerging Research trends in Computer science (ERTCS-2017), BBAU, Lucknow

Sessioned Chaired

- One weak workshop on Emerging Research trends in Computer science (ERTCS-2017), BBAU, Lucknow
- Lucknow Science Congress, 2016, BBAU Lucknow

Dr. Manoj Kumar

a. Research Publications

Journals:

1. **Manoj Kumar**, Ankita Vaish, Encryption of color images using MSVD in DCST domain, *Optics & Laser in Engineering*, Elsevier, Vol. 88, pp. 51-59, Jul. 2016. **Impact factor: 2.319 (SCI)**, ISSN 0143-8166
2. **Manoj Kumar**, Ankita Vaish, An Efficient Encryption-then-compression technique for Encrypted Images using SVD, *Digital Signal Processing*, Elsevier, Vol. 60, pp. 81-89, Aug. 2016. **Impact factor: 1.444 (SCI)**. ISSN 1051-2004.
3. **Manoj Kumar**, Ankita Vaish, Prediction error based compression of color images using WDR coding, *International Journal of Electronics and Communications*, Elsevier, Vol. 70 No. 9, pp. 1164-1171, May. 2016. **Impact factor: 0.789 (SCI)**, ISSN 1434-8411.
4. Ankita Vaish, Sonam, **Manoj Kumar**, A wavelet based approach for simultaneous compression and encryption of fused images, *Journal of King Saud University - Computer and Information Sciences*, Accepted, Elsevier, Jan. 2017. 1319-

1578, <http://dx.doi.org/10.1016/j.jksuci.2017.01.005>.

5. **Manoj Kumar**, Ankita Vaish, Lossy Compression of Color images using Lifting Scheme and Prediction errors, *International Journal of Modern Education and Computer Science*, MECS, Vol. 8, No. 4, pp. 1-8, MECS, Apr. 2016. ISSN 2075-017X **Impact factor: 0.669**.
6. **Manoj Kumar**, Manoj Diwakar, A new exponentially directional weighted function based CT image denoising using total variation, *Journal of King Saud University- Computer and Information Sciences*, 2017.
7. Smita Agrawal, **Manoj Kumar**, Mean value based reversible data hiding in encrypted images, *Optik*, Vol. 130, pp. 922-934, Elsevier, 2017. **Impact factor: 0.742 (SCI)**.

Conferences/ Book Chapters

1. Sonam and **Manoj Kumar**, An Efficient Multi-focus Image Fusion Approach Based on DWT, In proceedings of Fifth International Conference on Signal, Networks, Computing, and Systems (ICSNCS-2016), LNEE, *Springer Series*, JNU, New Delhi, 395 (1), pp. 45-52, 2016.
2. Smita Agrawal, **Manoj Kumar**, “An Improved Histogram Bin Shifting based Reversible Data Hiding of Color Images”, In Proceedings of Fifth International Conference on Signal, Networks, Computing and Systems (ICSNCS-2016), (LNEE *Springer Series*), JNU, New Delhi, 395 (1), pp. 25-31, 2016.

Participation in Orientation /Refresher course / Workshop / Seminar / Conference

Completed refresher course at University of Lucknow from 11/07/2016 to 30/07/2016

Invited Speaker/Session Chaired in National/ International Conferences details (if any)

1. Delivered a invited talk on “An Overview of Computer Vision and Computed Tomography” in LUSCON-2017.
2. Two session chaired at One weak workshop on Emerging Research trends in Computer science (ERTCS-2017), BBAU, Lucknow

Research Guidance

Guided 04 Research students out of which 03 have submitted their thesis and one has given his Ph.D. viva on 31/07/2017

Dr. Narander Kumar**A. Research Publications****Journals**

1. Narander Kumar, Surendra Kumar, "A Literature Survey: Resource Management Mechanism in Cloud Environment" **Published** in International Journal of Advanced Research in Computer Science, (**UGC list Indexed**), Volume 8, No. 3, pp 612-617, March - April 2017 **ISSN No. 0976-5697**.
2. Narander Kumar, Priyanka Chaudhary, "Diminishing Cyber stalking and Cyber bullying Issues using a Hashing Approach and Rail Fence Technique" **Published** in MAGNT Research Report, (**Thomson Reuter Indexed**), Vol.4 (1). pp. 34-43, **Jan 2017** by *BRIS Journal of Adv. S & T, Australia, ISSN 1444-8939. (Impact Factor: 0.68)*
3. Narander Kumar, Swati Saxena, "Dynamic Resource Provisioning in Datacenters using Profitability-aware VM Placement", Published in MAGNT Research Report, (Thomson Reuter Indexed), Vol.4 (1). pp. 22-33, Jan 2017 by BRIS Journal of Adv. S & T, Australia, ISSN 1444-8939. (Impact Factor: 0.68)
4. Narander Kumar, Swati Saxena "Energy-Efficient Multi-Criteria based Admission Control in Cloud Data-Centers" Published in International Journal of Innovations & Advancement in Computer Science (IJACS), Vol. 05, Issue-06, pp: 110-115, June 2016. ISSN: 2347 - 8616
5. Narander Kumar, Priyanka Chaudhary, "Performance Evaluation of Encryption/Decryption Mechanisms to Enhance Data Security" Published in Indian Journal of Science and Technology, Vol. 09, Issue 20, pp 1-10, May-2016, ISSN: 0974-6846. (Thomson Reuter Indexed)
6. Narander Kumar, Pooja Patel, "Resource Management using Feed Forward ANN-PSO in Cloud Computing Environment", Published as Chapter in *ACM International Conference Proceeding Series (ACM - ICPS), Information and Communication Technology for Competitive Strategies, ICTCS '16, March 04-05, Udaipur, India © 2016 ACM, Article No. 57, ACM New York, NY, USA ©2016 (ISBN No 978-1-4503-3962-9)*
7. Narander Kumar, Diksha Shukla, "Resource Management Through Fuzzy Assignment Problem in Cloud Computing Environment", Published as Chapter in *ACM International Conference Proceeding Series (ACM - ICPS), Information and Communication Technology for Competitive Strategies, ICTCS '16, March 04-05, Udaipur, India © 2016 ACM, Article No. 87, ACM New York, NY, USA ©2016 (ISBN No 978-1-4503-3962-9)*
8. Narander Kumar, Priyanka Chaudhary, "Implementation of Modified RSA Cryptosystem for Data Encryption and Decryption based on n Prime number and Bit Stuffing", Published as Chapter in *ACM International Conference Proceeding Series (ACM - ICPS), Information and Communication Technology for Competitive Strategies, ICTCS '16, March 04-05, Udaipur, India © 2016 ACM, Article No. 120, ACM New York, NY, USA ©2016 (ISBN No 978-1-4503-3962-9)*

International Conferences

1. Narander Kumar, Sabita Khatri, "Implementing WEKA for medical data classification and early disease prediction", Published in the Proceeding of 3rd IEEE International Conference on "Computational Intelligence and Communication Technology" (IEEE-CICT 2017), 09-10th Feb, 2017, ISBN: 978-1-5090-6218-8/17 ©2017 IEEE
2. Narander. Kumar, Jaishree, "Digital Watermarking Using Enhanced LSB Technique." Published as a chapter in, *Frontiers in Intelligent Computing: Theory and Applications, Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications FICTA 2016, Volume 1, 16-17th Sept. 2016, published by Springer Advances in Intelligent Systems and Computing, Springer AISC Series, Volume-515, pp-373-385, ISBN 978-981-10-3152-6, 978-981-10-3153-3 (eBook), ISSN 2194-5357, 2194-5365 (electronic)*
3. Narander. Kumar, Shivani Dubey, "Improvised Symbol Table Structure" Published as a chapter in, *Frontiers in Intelligent Computing: Theory and Applications, Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications FICTA 2016, Volume 1, 16-17th Sept. 2016, published by Springer Advances in Intelligent Systems and Computing, Springer AISC Series,*

Volume-515, pp-363-371, ISBN 978-981-10-3152-6, 978-981-10-3153-3 (eBook), ISSN 2194-5357, 2194-5365 (electronic)

Refresher Course/Workshop Attended/Organized

1. **One Week Workshop** on Emerging Research Trends in Computer Science (**ERTCS 2017**),

Coordinated and Organized by the Department of Computer Science, SIS&T, BBA University (A Central University), Lucknow from 20th -24th , March 2017.

2. **Refresher Course Completed/Attended** from UGC-HRDC, University of Lucknow, Lucknow. Dated: June 08-29, 2016.

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. Recently, Department has procured Wireless Access Points and Wireless PCI cards in order to make the Department fully Wi-Fi. The final semester students are motivated to develop real time projects in reputed organizations. Seminars and Group Discussions are a regular feature of DIT. Course curriculum of M. Sc. (IT) 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. Department has executed a UGC funded Major Research Project entitled "Quantifying Security in Early Stage of Development Life Cycle - An Object-Oriented Software Perspective" by Dr. R. A. Khan (PI). Department has another major research project entitled "Symptoms and Sensations Due to Cellular Telephone Uses among the Urban and Rural Population of Uttar Pradesh: A risk assessment" funded by UPCST, Uttar Pradesh under the Young Scientist Scheme. Dr. R. A. Khan was PI of this project. Recently Department has been sanctioned a Research Project entitled "Integration Analysis and Implementation of Prosodic & MFCC features for Automatic Speaker Recognition System using GMM" funded by UPCST under the supervision of Dr. R. A. Khan, Head of the Department. 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 5 Ph. D. scholars are working in the various field of software engineering. Out of which, three of them have given their pre-Ph.D. seminar. In a very short span of time 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.

Citation Index of the Department

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Department Level Academic Activities

Three weeks Research Methodology Course during 05th January 2017 to 28th January 2017.

Although statistical methods have a long history of contributing to improved practices in manufacturing and in traditional areas of science, technology, they have up to now a huge impact on software development processes. This course attempts to bridge the islands of knowledge and experience between statistics and research by enunciating through new waves of research methodology. With this aim, the course was designed with the field of research methodology by indicating opportunities for statistical thinking. The objectives of the course was to point out the relevance of rigorous statistical and probabilistic techniques to pressing software engineering concern, to motivate new researchers from computer field to tackle problem with relevance for software development, as well as to suggest a statistical approach to software engineering,

adopting exploratory data analysis and visualization techniques, educating the software engineering community regarding statistical approaches and data issues and developing methods of analysis to cope with qualitative variables.

Extension Lecture during LUSCON-2017

Professor Khurram Mustafa from Jamia Milia Islamia and Professor Manohar Lal, Ex-Director, SoS, IGNOU were invited to deliver an extension lecture during LUSCON-2017. A no. of Academicians/ Scientists/ Researchers/ and students of all disciplines from different parts of India were participated in the Course.

Courses offered/New Courses

1	Master of Science (Information Technology)
2	Master of Technology (Software Engineering)
3	Master of Science (Information Security)
4	Post Graduate Diploma in Cyber Security
5	PhD (Information Technology)

Visitors to the schools, if any

N/A

Accomplishments of Students

- 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.

Faculty wise Supervision of the Ph.D and M.Phil Student

S. No.	Name of Research Scholar	FATHER'S NAME[O]	SEX	Admitted under UR/SC/ST/PH/K.MIGRANT/SUPERNUMERY/OTHER	CATEGORY (SC/ST/BC/GEN)	DATE OF JOINING	SESSION	UGC(JRF)/RGNF/(SC/ST)/RGNF(PH)/MANE/UGC/OTHER	STATE OF DOMICLIE	GUIDE/SUPVISIOR
1	NEERAJ KUMAR	RAM AUTAR	M	SC	SC	11/9/2015	2015	UGC	U.P.	PROF. R.A. KHAN, JOINTLY WITH DR.ALKA
2	PRABHISHEK SINGH	SUNDER LAL	M	SC	SC	9/9/2015	2015	UGC	U.P.	DR.RAJ SHREE
3	KANIKA	DEVENDRA SHARMA	F	GEN	GEN	2/9/2015	2015	UGC	U.P.	PROF. R.A. KHAN, JOINTLY WITH DR.ALKA
4	AJAY KUMAR	CHAUTHI RAM	M	SC	SC	10/9/2015	2015	UGC	U.P.	DR.RAJ SHREE
5	NILU SINGH	RANJIT SINGH	F	SUPERNUMERY	GEN	14/08/2015	2015	UGC	U.P.	PROF. R.A. KHAN, JOINTLY WITH DR.ALKA
6	SHWETA SANKHWAR	RAM DHANI SANKHWAR	F	SC	SC	21/07/2014	2014	RGNF	U.P.	DR.DHIRENDRA PANDEY
7	RAJEEV KUMAR	ANIL KUMAR	M	GEN	GEN	16/07/2014	2014	UGC	U.P.	PROF. R.A. KHAN
8	MOHD WARIS KHAN	MOHD SHAFI KHAN	M	GEN	GEN	17/07/2014	2014	UGC	U.P.	DR.DHIRENDRA PANDEY

S. No.	Name of Research Scholar	FATHER'S NAME[O]	SEX	Admitted under UR/SC/ST/PH/K.MIGRANT/SUPERNUMERY/OTHER	CATEGORY (SC/ST/BC/GEN)	DATE OF JOINING	SESSION	UGC(JRF)/RGNF/(SC/ST)/RGNF(PH)/MANE/UGC/OTHER	STATE OF DOMICLIE	GUIDE/SUPVISIOR
9	VIRENDRA SINGH	LATE RAM SWAROOP	M	SC	SC	21/07/2014	2014	RGNF	U.P.	DR.DHIRENDRA PANDEY
10	VIVEK SHUKLA	NAGESHWAR PRASAD SHUKLA	M	GEN	GEN	16/07/2014	2014	UGC	U.P.	DR.DHIRENDRA PANDEY
11	GAYATRI KAPIL	RAM KUNWAR SINGH	F	SC	SC	21/07/2014	2014	RGNF	U.P.	PROF. R.A. KHAN, JOINTLY WITH DR.ALKA
12	MD TARIQUE JAMAL ANSARI	MUNIR AHMAD ANSARI	M	SUPERNUMERY	OBC	19/08/2015	2015	UGC	U.P.	DR.DHIRENDRA PANDEY
13	SHILPI SINGH	RANVIJAY PRASAD SINGH	F	GEN	GEN	14/9/2015	2015	UGC	U.P.	DR.RAJ SHREE
14	AMAL KRISHNA SARKAR	Jagneswar Sarkar	M	SC	SC	9/9/2015	2015		W.B.	PROF. R.A. KHAN
15	SYED ANAS ANSAR	SYED ANSAR AHMAD	M	SUPERNUMERY	GEN	29/09/2016	2016	UGC	U.P.	PROF. R.A. KHAN
16	MOHD ASIM SAYEED	RAYEES AHMAD	M	GEN	GEN	9/9/2015	2015	UGC	U.P.	DR.RAJ SHREE
17	PAWAN KUMAR CHAURASIA	SHIV SHANKAR CHAURASIA	M	SUPERNUMERY	OBC	16/07/2014	2014		U.P.	PROF. R.A. KHAN
18	MOHD FAIZAN	MOHD AZHAR	M	GEN	GEN	30/09/2016	2016	NET JRF	U.P.	PROF. R.A. KHAN

Co-curricular/Extra-curricular/conferences event organized by the Department

Three weeks Research Methodology Course during 05th January 2017 to 28th January 2017.

Extension Lecture during LUSCON-2017

Professor Khurram Mustafa from Jamia Milia Islamia and Professor Manohar Lal, Ex-Director, SoS, IGNOU were invited to deliver an extension lecture during LUSCON-2017. A no. of Academicians/ Scientists/ Researchers/ and students of all disciplines from different parts of India were participated in the Course.

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.

Research projects

S	Title of the Project	Funding Agency	Total Fund	Year	Name of the PI	Status
1	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	Prof. R A Khan	On Going
2	Analysis of the Ergonomic Deficiencies in Young Computer Workstations at Government Offices of Uttar Pradesh	UP-CST (Under Young Scientist Scheme)	Rs. 10,44,000/-	2015	Dr. Dharendra Pandey	On Going

O. Academic details/activities of the Faculty of your Department under the following heads:

Prof. R. A. Khan

1. Research Publication (s)

- a. Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)

Book Chapters

- Kanika, Agrawal A., **Khan R.A.**, "Security Integration in Big Data Life Cycle" In Advances in Computing and Data Sciences. ICACDS 2016. Communications in Computer and Information Science, vol 721. Springer, Singapore 2017.
- A Novel Anti-phishing Effectiveness Evaluator Model, SIST series Springer 2017, In press (Book Chapter)
- A step towards Geographical location verification: Cyber Investigation Process Perspective, AISC series Springer 2017. Accepted (Book Chapter)
- Secure Serviceability of Software: Durability Perspective, Rajeev Kumar, Suhel Ahmad Khan, **Khan R. A.**, CCIS Series 628, Springer, pp. 104-110, 2016.
- Fuzzy Analytic Hierarchy Process for Software Durability: Security Risks Perspective, Rajeev

Kumar, Suhel Ahmad Khan, **Khan R. A.**, (2016) AISC Series, Springer, Volume-508, 2016.

- The State of the Art in Software Reliability Prediction: Software Metrics and Fuzzy Logic Perspective, SWA Rizvi, VK Singh, **Khan R. A.**, (2016), Information Systems Design and Intelligent Applications, Volume-433, pp. 629-637, Springer, 2016. (ISBN: 978-81-322-2755-7)

b. Paper published

International Conference/Seminar

- Kanika, A. Agrawal, **R.A. Khan**, "Big Data: Security Issues and Techniques to Overcome from these Issues" in International Conference on Advanced Computing and Software Engineering (ICACSE), October 2016.
- N. Kumar, A. Agrawal and **R. A. Khan**, "An Approach of a Solar Powered Alert System for Rainfall Triggered Disaster: Flood perspective", International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT, Sultanpur (UP), India, 14-15 October, 2016, ISBN: 9789386256058.
- N. Kumar, A. Agrawal and **R. A. Khan**, "A Review of Geo-Informatics Technologies for landslide Disaster Management", International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held in KNIT, Sultanpur (UP), India, 14-15 October, 2016, ISBN: 9789386256058.
- S. A. Ansar, A. Agrawal and **R. A. Khan**, "A Phase Wise Review of Software Security Metrics", Lecture Notes on Data Engineering and Communications Technologies (LNDECT), Springer (Proceeding of the International Conference on Recent Advancement in Computer, Communication and Computational Sciences), November 2016.
- Nilu Singh, Alka Agrawal, **R. A. Khan**, "Thought behind ICT Technology and Digital India: for Empowerment of Women", India International Science Festival 8-11 Dec, 2016, CSIR, National Physical Laboratory, New Delhi.
- Nilu Singh, Alka Agrawal, **Raees Ahmad Khan**, Presented a paper on "Text Independent Speaker Identification System and Challenges" in National Seminar on Emerging Trends & Advancements in Cyber Security –April-2016, at Integral University, Lucknow

- G. Kapil, A. Agrawal, **R. A. Khan**, Presented a paper on “Specific Challenges in Big Data Security” in National Seminar on Emerging Trends & Advancements in Cyber Security–April-2016, at Integral University, Lucknow.
- Automatic Speaker Recognition: Current Approaches and Progress in Last Six Decades, Global Journal of Enterprise Information System (GJEIS)” on Informatics Journals Platform, 2017. (Accepted)
- Importance of Durable and Secure Software, Advanced Science Letters, Accepted in May 01 2017.
- Analytical Network Process for Software Security: A Design Perspective, CSI Transactions on ICT, Springer, pp. 1-4, 2016.
- Durability Challenges in Software Engineering, CrossTalk, The Journal of Defense Software Engineering, Scopus 2016.
- A Glance of Anti-Phish Techniques, Proceedings of IIRAJ International Conference (ICCI-SEM-2K17), GIFT, Bhubaneswar, India, 18th - 19th February 2017, ISBN: 978-93-86352-38-526
- Phishing: A Critical Review, Proceedings of IIRAJ International Conference (ICCI-SEM-2K17), GIFT, Bhubaneswar, India, 18th - 19th February 2017, ISBN: 978-93-86352-38-526

2. Participation in Orientation/Refresher Course/ Workshop/Seminar/Conference (if any)

- Attended three weeks Research Methodology Course from January 5th 2017- January 28th 2017.
- Attended 4th Lucknow Science Congress-2017 (LUSCON)

3. Research Guidance (if any)

- 09 (Registered)

4. Google Scholar Profile (if available)

	All	Since 2012
Citations	848	617
h-index	14	11
i10-index	22	15

Dr. Raj Shree

5. Research Publication (s)

- c. Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)**
- i. Shilpi Singh and Raj Shree, “Hyper-Heuristic

- Test Suite Optimization”, In Proc. of the IEEE International Conference on Advanced Computing and Software Engineering (ICACSE-16), pp. 156-161, ISBN: 978-93-86256-05-8.
- ii. Shilpi Singh and Raj Shree, “A Systematic Literature Review of Test Case Prioritization Techniques”, In National Conference on Information Security Challenges (NCISC-2016). ISBN: 9789352130269
- iii. Prabhishkek Singh, Raj Shree, “Despeckling Filtering Techniques to SAR Images”, published in National Conference on Information Security Challenges (NCISC-2016), BBAU, Lucknow, 24th Feb 2016. ISBN: 9789352130269

d. Paper published

9

e. International Conference/Journal/Paper Presentation (if any)

- i. Singh, Shilpi, and Raj Shree. “An Analysis of Test Suite Minimization Techniques.” International Journal of Engineering Sciences and Research Technology, 5 (Nov, 2016): pp. 252-260, ISSN: 2277-9655.
- ii. Singh, Shilpi, and Raj Shree. “A combined approach to optimize the test suite size in regression testing.” CSI transactions on ICT, 4 (2-4) (Dec, 2016): pp. 73-78, ISSN: 2277-9078 (print version), ISSN: 2277-9086 (electronic version). Shilpi Singh and Raj Shree, “A Multi Criteria based Test Suite Optimization Framework”, International Journal of Software Engineering and Its Applications (SERSC), 11, 1 (Jan, 2017): pp. 77-86, ISSN: 1738-9984.
- iii. Prabhishkek Singh, Raj Shree, “Speckle Noise: Modelling and Implementation”, published in International Journal of Control Theory and Applications, 9(17) 2016, © International Science Press, pp. 8717-8727, ISSN: 0974-5572. Prabhishkek Singh, Raj Shree, “A New Computationally Improved Homomorphic Despeckling Technique of SAR Images”, in International Journal of Advanced Research in Computer Science, Volume 8, Number 3, March-April 2017, pp. 894-898, ISSN: 0976-5697. Prabhishkek Singh, Raj Shree, “Statistical Modelling of Log Transformed Speckled Image”,

published online in Vol. 14 No. 8 AUGUST 2016, International Journal of Computer Science and Information Security, pp. 426-431, ISSN 1947-5500.

- iv. Prabhishek Singh, Raj Shree, "IMPORTANCE OF DWT IN DESPECKLING SAR IMAGES AND EXPERIMENTALLY ANALYZING THE WAVELET BASED THRESHOLDING TECHNIQUES", in International Journal Of Engineering Sciences & Research Technology, 5(10): October, 2016, pp. 294-299, ISSN: 2277-9655.
- v. Prabhishek Singh, Raj Shree, "A Comparative Study to Noise Models and Image Restoration Techniques", in International Journal of Computer Applications, Volume 149 - Number 1, Year: 2016, pp. 18-27, ISSN: 0975 - 8887.
- vi. Prabhishek Singh, Raj Shree, "Analysis and Effects of Speckle Noise in SAR Images", 2nd International Conference on Advances in Computing, Communication, & Automation (ICACCA) (Fall) Year: 2016, Pages: 1 - 5. **(International Conference)**

6. Research Guidance (if any)

- i. Ajay Kumar
- ii. Mohd Asim Sayeed
- iii. Shilpi Singh
- iv. Prabhishek Singh

7. Membership/Fellowship of Professional/Academic Bodies (if any)

- 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)

8. Google Scholar Profile (if available)

	All	Since 2012
Citations	82	76
h-index	6	6
i10-index	3	2

Mr. P. K. Chaurasia

1. Research Publication (s)

Book(s) Book(s)/Book Chapter (s) Authored/
Edited Book/Monograph(s) (if any)

- Pawan Kumar Chaurasia (2016): "Cognitive Robotics in Artificial Intelligence", Recent Applications in Artificial Intelligence, ABS Publication, Jalandhar, ISBN 978-81-7072-177-2, 2016.

Paper published

- Pawan Kumar Chaurasia, R A Khan (2017): "Relationship Between Object Oriented Design constructs and Design Defects", International Journal of Research in Computer Applications and Management (IJRCAM) (ISSN:2231-1009) Volume 7, Issue 9, 2017, pp. 9-14.

National Conference/Journals/Paper presentation (if any)

International Conference/Journal/Paper Presentation (if any)

- Pawan Kumar Chaurasia, R. A Khan (2017): Exploring Object Oriented Design Defects, International Conference on Nanoscience and Nanotechnology, 22-24 sep-2017.
- Pawan Kumar Chaurasia (2016): Security Breaches from Categorization of Software Errors, National Seminar on Emerging Trends and Advancements in Cyber Security, Organized by Department of Computer Application, Integral University, Lucknow on 04 April 2016.
- Pawan Kumar Chaurasia (2016): Identification and Optimization of error prone path using Genetic Algorithm, International Conference on Changing Paradigm of Management Practices for sustainable Development, organized by School of Management Studies, BBBAU, Lucknow 5-6 March 2016.

- Pawan Kumar Chaurasia (2016): Software Models for Software Quality , National Conference on Information Security Challenges (NCISC-2016), organized by Department of Information Technology, BBBAU, Lucknow 24th February 2016.
- 2. Membership/Fellowship of Professional/Academic Bodies (if any)**
 - Life Time Membership, Computer Society of India (CSI)
 - 3. Google Scholar Profile (if available)**

Citations	19	19
h-index	3	3
i10-index	0	0

Dr. Dharendra Pandey

- 1. Members of Board/Committee (outside BBAU)**
 - Member, BoS, Sarguja University, Sarguja
- 2. Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017)**

S. No.	Title of the Project	Funding Agency	Total Fund	Year	Status
1	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

3. Research Publication (s)

- Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)
 - Critical Review on Software Testing: Security Perspective, pp. 714-723 , Smart Trends in Information Technology and Computer Communications, Aynur Unal Stanford University, Stanford, CA, USA, © Springer Nature Singapore Pte Ltd. 2016, A. Unal et al. (Eds.): SmartCom 2016, CCIS 628, pp. 724-732, 2016.DOI: 10.1007/978-981-10-3433-6_87
 - A Novel Anti-phishing Effectiveness Evaluator Model, Smart Innovation, Systems and Technologies. Springer, 978-3-319-63644-3
 - Risks, Security and Privacy for HIV/ AIDS Data: Big Data Perspective”, accepted in Book “Big Data Analytics in HIV/AIDS Research” IGI Global, 2017

b. Paper published

International Conference/Journal/Paper Presentation (if any)

- Shweta Sankhwar, Dharendra Pandey, “Safeguard against ATM Fraud”, 6th IEEE International Advance Computing Conference (IACC – 2016), Bhimavaram, Andhra Pradesh on 27-28 February, 2016.
- Dharendra Pandey, Shweta Sankhwar, R.A Khan, “Phishing: A Critical Review”, Accepted in International Conference on Contemporary issues in Science, Engineering & Management (ICCI-SEM-2017), GIFT, Bhubaneswar (This article, further, included in Scopus Indexed Journal).
- Dharendra Pandey, Shweta Sankhwar, R.A Khan, “A Glance of Anti-Phish Techniques” Accepted in International Conference on Contemporary issues in Science, Engineering & Management (ICCI-SEM-2017), GIFT, Bhubaneswar (This article, further, included in Scopus Indexed Journal).
- A Comparative Analysis of Anti-phishing Mechanisms: Email phishing, Vol.8, No.3, pp. 657-574 , 2017, International Journal of Advanced Research in Computer Science, 0976-5697,
- An Integration of Threat Modeling with Attack Pattern and Misuse Case for Effective Security Requirement Elicitation, Volume 8, No. 2, March – April 2017, pp. 16-20, 2017, International Journal of Advanced Research in Computer Science, 0976-5697, Refereed, Peer Reviewed, Indexed.
- Defending Against Phishing: Case Studies Volume 8, No. 5, May-June 2017, pp. 2605-2607, 2017, International Journal of Advanced Research in Computer Science, 0976-5697, Refereed, Peer Reviewed, Indexed
- Threat Driven Modeling: An Overview”, National Conference on Information Security Challenges, Babasaheb Bhimrao Ambedkar University, Lucknow, 2016.
- Critical Issues in Software Requirements: Reliability Perspective”, National Conference on Information Security Challenges, Babasaheb Bhimrao Ambedkar University, Lucknow, 2016.

- Security Testing: Problems and Concepts”, National Seminar on Emerging Trends and Advancement in Cyber Security, Integral University, 2016
- Threat Driven Modeling: An overview, National Conference on Information Security Challenges, BBAU, Lucknow, 2016.
- 4. **Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (if any)**
 - Attended refresher course from 09.12.2016 to 31.12.2016 at Lucknow University, Lucknow
- 5. **Invited Speaker/Session Chaird in National/International Conferences details (if any)**
- 6. **Research Guidance (if any)**
 - 05 PhD Scholars Registered.
- 7. **Membership/Fellowship of Professional/Academic Bodies (if any)**
 - Member, BoS, DIT, BBAU
 - Member, School Board, SIST, BBAU
 - Member, DRC, DIT, BBAU
 - Member, UPAST, UP
 - Member, Vijnana Bharti, Awadh Prant
- 8. **Google Scholar Profile (if available)**

	All	Since 2012
Citations	193	168
h-index	7	6
i10-index	5	3

Dr. Alka

1. Research Publication (s)

Book(s) Book(s)/Book Chapter (s) Authored/
Edited Book/Monograph(s) (if any)

Book Chapters

- Kanika, **Agrawal A.**, Khan R.A., “Security Integration in Big Data Life Cycle” In Advances in Computing and Data Sciences. ICACDS 2016. Communications in Computer and Information Science, vol 721. Springer, Singapore 2017.

Paper published

International Conference/Seminar

- Kanika, **A. Agrawal**, R.A. Khan, “Big Data: Security Issues and Techniques to Overcome from these Issues” in International Conference on Advanced Computing and Software Engineering (ICACSE), October 2016.
- N. Kumar, **A. Agrawal** and R. A. Khan, “An Approach of a Solar Powered Alert System for Rainfall Triggered Disaster: Flood perspective”, International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT, Sultanpur (UP), India, 14-15 October, 2016, ISBN: 9789386256058.
- N. Kumar, **A. Agrawal** and R. A. Khan, “A Review of Geo-Informatics Technologies for landslide Disaster Management”, International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held in KNIT , Sultanpur (UP), India, 14-15 October, 2016, ISBN: 9789386256058.
- S. A. Ansar, **A. Agrawal** and R. A. Khan, “A Phase Wise Review of Software Security Metrics”, Lecture Notes on Data Engineering and Communications Technologies (LNDECT), Springer (Proceeding of the International Conference on Recent Advancement in Computer, Communication and Computational Sciences), November 2016.
- Nilu Singh, **Alka Agrawal**, R. A. Khan, “Thought behind ICT Technology and Digital India: for Empowerment of Women”, India International Science Festival 8-11 Dec, 2016, CSIR, National Physical Laboratory, New Delhi.
- Nilu Singh, **Alka Agrawal**, Raees Ahmad Khan, Presented a paper on “Text Independent Speaker Identification System and Challenges” in National Seminar on Emerging Trends & Advancements in Cyber Security –April-2016, at Integral University, Lucknow
- G. Kapil, **A. Agrawal**, R. A. Khan, Presented a paper on “Specific Challenges in Big Data Security” in National Seminar on Emerging Trends & Advancements in Cyber Security–April-2016, at Integral University, Lucknow.

2. Participation in Orientation/Refresher Course/ Workshop/Seminar/Conference (if any)

- Attended three weeks Research Methodology Course from
- Attended 4th Lucknow Science Congress-2017 (LUSCON)

3. Research Guidance (if any)

- 04 (Registered)

4. Google Scholar Profile (if available)

	All	Since 2012
Citations	91	55
h-index	6	5
i10-index	3	0

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 - 2.45

H- Index-1

Faculty Details

S. No	Name	Designation	Qualification	Area of Specialization
1.	Prof. Gopal Singh	Professor & Head	MA,MJ,Ph.D., UGC NET-JRF	Film & TV Journalism, Communication Research
2.	Prof. Govindji Pandey	Professor	MJ, LLB, Ph.D. UGC NET	TV and Film Production Communication Research & Development Communication
3.	Dr. Mahendra Kr. Padhy	Asst. Professor	M.A. (Economics), M.Phil(Economics)MJM C, M.Phil(J&MC), Ph.D(J&MC), JRF, UGC NET. UGC Post Doctoral Research Awardee.	Advertising, Public Relations, Development Journalism, Media Research

S. No	Name	Designation	Qualification	Area of Specialization
4.	Dr. RachanaG angwar	Asst. Professor	Ph.D.	Cross cultural Communication, Communication Research, Communication Theories, Folk Communication

Department Level Academic Activities:

- a. Seminar on **Social Media and Freedom of Expression** under the expanse of **Science Technology & Innovations For Sustainable Development**, the theme of this year's Science Congress (. edition of Lucknow Science Congress (LUSCON), on March 3 -4 2017)
- b. Gender Champion club was established and two BBAU Students were being elected as Gender Champions. 23/11/2016
- c. BBAU'S Media Centre in collaboration with tve organized films screening of 4 films on Hepatitis 2 films were being made by the students of BBAU 2 films were made by the students of TISS. 15/12/2017
- d. BBAU'S Media Centre in collaboration with daring debates organized a debates competition on 'Medical Oath a Moral Compass no more' in which students from different Medical colleges participated. 18/01/2017

Courses Offered/New Courses

1. Ph.D.
2. M.Phil.
3. MA (JMC)

Accomplishments of Students

S. No	Name	Semester	Conduct By	Topic	Position
1.	Reena	3 rd	PRSI	Public Relation Partnership in peace making	2 nd
2.	Diksha Mishra	3 rd	NABARD	Energizing UP as a pollution	1st (media group)
3.	Divyanjali Srivastava	1 st	PRSI	Inter College Essay Competition	1 st
4.	Shreya Awasthi	1 st	PRIS	Inter College Essay Competition	2 nd
5	Shalini Shrivastava	3 rd	Bhartiya Sanskriti Gyan Parichha	-	1 st
6	Gunjan Jaiswal	Ph.D. Research Scholar	All India media educators Conference 2016 Jaipur	Reporting on Humaitarian Crisis & the mediation Process: A study of Muzzaffarnagar riots news coverage based on web portals	Best Paper Presentation
7	Kritika Agrawal	Ph.D. Research Scholar	The Indian Social Science Association		'National Young Social Scientist Award'
8	Neelu Sharma	P.hD Research Scholar	AIU	Poster Competition	1st Prize Regional Competition
9	Neelu Sharma	P.hD Research Scholar	tve	Films for change fellowship	1000 Pound fellowship
10	Devender Kumar Prajapati	3 rd	NCRI Hyderabad	Inernship	Fellowship
11	Ashish Kumar	3 rd	NCRI Hyderabad	Inernship	Fellowship
12	Harshali Arora	3 rd	NCRI Hyderabad	Inernship	Fellowship

Faculty wise Supervision of the Ph.D. and M.Phil. Student

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

S.No.	Research Scholar Name	Supervisor Name
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

M.Phil. Students Supervisor Details

S.No.	Students Name	Supervisor Name
1.	Aanchal Praveen	Prof. Gopal Singh
2.	Amrit Raj	Prof. Gopal Singh
3.	Diksha Mishra	Prof. Gopal Singh
4.	Meena	Prof. Gopal Singh
5.	Nity Pandey	Dr. M.K.Padhy
6.	Kirti Srivastava	Prof. Govind Ji Pandey
7.	Gaurav Singh	Dr. M.K.Padhy
8.	Gautam Kumar Pathak	Prof. Govind Ji Pandey
9.	Arti Kumari	Dr. M.K.Padhy
10.	Tarun Kumar	Dr. M.K.Padhy
11.	Mradupendra Gautam	Dr. M.K.Padhy
12.	Avinash Siddharth	Dr. M.K.Padhy
13.	Neeraj Kumar	Dr. Rachana Gangwar
14.	Somya Singh	Dr. Rachana Gangwar
15.	Deepika	Dr. Rachana Gangwar
16.	Ankita Raman	Dr. Rachana Gangwar

Co-curricular/Extra-curricular/Conferences event organized by the Department

1. Photography Competition
2. Science theatre festival

Academic Details/activities of the Faculty

1. Award and Recognition

Prof. Govind Ji Pandey :

- Kachara Kachara Jindagi, a film directed by Prof.

Govind ji Pandey got selected for award category in the reputed Prakriti Film Festival, Organized by CEC, New Delhi.

- Jury member of Hepatitis film festival in which two film fellowships of 1000 British Pound each given to the students groups of Journalism and Mass Communication department for making film on Hepatitis.

Dr. Mahendra Kr. Padhy:

- Recipient of UGC Research Award awarded by

UGC, New Delhi, 2015

- Awarded Member of the International Review Board, International INSITE Conference, Florida, USA, July, 2015

2. Members of Board/Committee

Prof. Gopal Singh:

- DRC member of Doon University, Dehradun.
- DRC member of Himanchal Pradesh University, Shimla
- DRC member of Veer Bahadur Singh Purvanchal University, Jaunpur

3. Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (if any)

Prof. Govind Ji Pandey-

01	1-5 May 2016	26. Digital era and changing face of Bollywood Cinema, International Research Journal of Social Sciences,. Vol. 5(5) 1-5 May 2016, E-ISSN 23193565
02	September 2017	Deconstruction of reality in Hindi Cinema, Media Watch, An International peer reviewed research journal with an impact factor of 3.276

Dr. M.K. Padhy -

Sl. No	Name of the Journal	Year of publications	National/International	Title of the Paper with ISSN No.	Impact Factor /Author
1	Journal of Communication Today	2016	National	The Role of Women's Magazines in Transforming Their Image: An Empirical Research Study.	1 st Author
2	Media Bimarsh	2016	National	Impact of Digital Media on Corporate Culture: An Evaluative Research Study with Special reference to Indian Environment, 2249-0590	Single Author
3	International Journal of Social Science and Development Policy	2017	International	Media Strategy for Social Change and Development: The Imperatives and Challenges, 2454-5732	Single Author
4	International Journal of Research in Humanities, Arts and Literature (Impact Factor)	2017	International	Effective Health Communication Strategies in India: An Empirical Study with Special Reference to women Malnutrition	3.6586 1 st . Author
5	International Journal of Research in Management and Social Science(Impact Factor)	2017	International	Green Communication Strategy for for Social change and Human Development: The Imperatives and Challenges	3.4 Single Author

Dr. Rachana Gangwar:

S. No.	Title with page no.	Journal	ISSN/ISBN No.	National / International	Whether you are the main author
01	A semiotic analysis of portraying gender in magazine advertising	JOSR Journal of Humanities and Social Science	ISSN : 2279-0837 May 2017	An International Refereed Research Journal (Impact Factor - 4.621)	Co- Author

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, 39 M.Phil. and 21 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, Scanner, 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 aim 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.

Faculty Details

Sl. No.	Name	Designation	Qualifications	Areas of Specialization	Email
1.	Prof. K. L. Mahawar	L. Professor	MLISc, CIC, Ph.D.	-Information Science -Information Systems and Programmes -Information Processing -Academic Information Systems and Services. Knowledge Management	Mahawar_67@yahoo.co.in
2.	Dr. M. P. Singh	Associate Professor and Head	M.Com, MSc(IT), MBA, MLISc, PhD(LIS)	-Knowledge Organization -Research Methodology in LIS -Information of Lib & Sci. -Management & Technology -Information sharing before Biometric study	mpsinghdli@gmail.com

Sl. No.	Name	Designation	Qualifications	Areas of Specialization	Email
3.	Dr. Sharad Kumar Sonker	Assistant Professor	MLISc, PGDCA, Ph.D.(LIS)	-IT Application to LIS -Management of LICs -Digital Libraries and IRS -Academic Library system	sksonker@yahoo.co.in
4.	Dr. Ranjeet Kumar Choudhary	Assistant Professor (Selection Grade)	MLISc(2years), Ph.D.(LIS)	-Knowledge Processing and Organization -Information Sources, Systems and Programmes -Management of E-Resources -Academic Library & Info. System	rkclis@yahoo.co.in
5.	Dr. Shilpi Verma	Assistant Professor	MLISc, Ph.D.(LIS), PGDM	-Management of Libraries -IT Applications in Libraries -Information Retrieval -User education -Academic Libraries	shipoo_lko@rediffmail.com shipoo.lko@gmail.com

Departmental Level Activity:

- National conference on Transforming Libraries in twenty first century was held during 30 March 2017.
- National Conference of the XXXII IATLIS on LIS Research: Issues and Challenges was held during 19-20th December, 2016

Invited Lectures through IQAC

1. Marketing of LIS Products & Services by Dr. R. K. Bhatt on 08/05/2017
2. Ethics of Research and Plagiarism by Prof. M. P. Satija on 07/04/2017
3. A comparison between Libraries before and after Independence by Prof. M. P. Satija on 07/04/2017

Academic Activities of the Faculty

Book(s) chapter/Edited books/Monograph(s) (published)

Dr. Shilpi Verma

- R.C. Sobti, R.B. Ram, Sunil Gorla, Shilpi Verma, Sudarshan Verma (2017). Original thoughts and speeches of Babasaheb Dr. B.R. Ambedkar. Jaya Publishing House, Delhi ISBN: 978-93-86110-02-2
- R.C. Sobti, Shilpi Verma, R.B. Ram, Vipin Saxena (2017). Suchana, Jan Sampark ke Saadhan evam Patrakarita. Anamika Publishers and distributors (Pvt.) Ltd., New Delhi ISBN: 978-81-7975-857-1

Papers in Books (published)

Chapter in Books

Dr. Sharad kumar Sonker

- Sonker, S.K. (2016). QR codes: A technology prospective for the libraries. Library services in Digital Environment edited by M.K. Bajpai and others. Consortium books, Allahabad. P. 1-9.
- Sonker, S.K. (2016). E-Resources consortium for libraries. Library services in Digital Environment edited by M.K. Bajpai and others. Consortium books, Allahabad. P. 105-112.
- Sonker, S.K. (2016). Electronic Resource and academic libraries. Library services in Digital Environment edited by M.K. Bajpai and others. Consortium books, Allahabad. P. 37-14..

Dr. R. K. Choudhary

- Choudhary, R. K., Gautam, Rajiv and Ranjan, Sumit Preservation and conservation of manuscripts in selected libraries of Bihar. Modern trends in library and information science in digital environment/ Edited by Amit Kishore... [et al], 2016 ISBN 978-81920-84-923.pp275-288.

Dr. Shilpi Verma

- Verma, Shilpi (2017). Pustkalayadhykash evam Ptrakaar: chunautiya Evam Dwand. Edited By R.C. Sobti, Shilpi Verma, R.B. Ram, Vipin Saxena, Anamika Publishers and distributors (Pvt.) Ltd., New Delhi ISBN: 978-81-7975-857-1 Pg. No. 40-45

- Verma, Shilpi, Gupta Shreya (2017). Bharat ki shiksha mein mass media ki bhoomika. Edited By R.C. Sobti, Shilpi Verma, R.B. Ram, Vipin Saxena, Anamika Publishers and distributors (Pvt.) Ltd., New Delhi ISBN: 978-81-7975-857-1 Pg. No. 78-83
- Verma, Shilpi (2017). Practicing Ethics in Research. In Research in Library and Information Science. Edited by S. Dhanvandan, J. Varadharajalu, R. Govindarajan, Studera Press, New Delhi, ISBN978-93-85883-24-8 pg.51-57
- Verma, Shilpi. (2017). Knowledge System and Spiral of Scientific Method by Dr. S. R. Ranganathan. In B. Gunjal (Ed.), Managing Knowledge and Scholarly Assets in Academic Libraries (pp. 235-243). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-1741-2.ch011
- Mahawar, K.L., Verma, Shilpi, Kumar, Shashank (2016): Status of Printed, Online Journals & other documents in the Premier Academic Institutions in Raibareli District: Special reference to the RGIPT, NIFT, NIPER & FDDI. In Electronic Resource Management in 21st century: Issues and Challenges Edited by Kishore Chandra Satpathy, Shankar's book Agency Pvt. Ltd., New Delhi, ISBN: 978-93-81893-10-4 Pg. No. 143-158
- Gupta, Shreya and Verma, Shilpi (2016): "Quality Report Writing" in Research Methodology for Librarians: Tools and Techniques edited by S. Dhanvandan, M. Tamizhchelvan, Dominant Publishers & Distributors Pvt. Ltd., New Delhi, 978-93-84207-24-3 Pg. No. 261-264
- Shilpi Verma and Vikas Gautam (2016): "Study of the effect of Library Use on Academic Achievement of Post Graduate students: A Survey of Lucknow " in contemporary and Innovative Tech. for Libraries in Elect. Enviornmnet edited by Sivashankar Prased, Lambert Academic Publishing, Deutschland, Germany, ISBN: 978-3-659-93633-3 (Pg. 68-80)
- Verma, Shilpi and Singh, Shefali (2016) Users' Satisfaction with Library resources and services in FGIET Library, Raebareli: A study in Librarianship in Modern Era: Challenges and Opportunities edited by Vijay Parashar and Shivdan Singh Rajput, International Research Publication House, Delhi, ISBN: 978-93-86138-38-5 Pg. 139-154

Papers in Conference Proceedings (published)

National Conference:

Dr. M.P. Singh

1. Singh, M.P. & Nigam, K. (2016). Utilization of social networking tools to promote library services in modern era. *Knowledge Organization in Academic Libraries (KOAL-2016)* (pp. 74-81). Proceedings of the National Conference on Knowledge Organization in Academic Libraries (KOAL-2016). Library Professionals Association (LPA) New Delhi, P.K. Das Institute of Medical Science Plakkad, Kerla. New Delhi: Ahuja Publishing House. 09-10, March 2016. ISBN: 978-93-80316-52-9.
2. Singh, M.P., Satish Kumar & Gautam, V. K. (2016). Central university library websites in Delhi: A comparative study. *Knowledge Organization in Academic Libraries (KOAL-2016)* (pp. 277-289). Proceedings of the National Conference on Knowledge Organization in Academic Libraries (KOAL-2016). Library Professionals Association (LPA) New Delhi, P.K. Das Institute of Medical Science Plakkad, Kerla. New Delhi: Ahuja Publishing House. 09-10, March 2016. ISBN: 978-93-80316-52-9.

Dr. Shilpi Verma

- Raj, Deepika and Verma, Shilpi (2016). Current Awareness Service(CAS) Characteristics & Types. In proceeding of Knowledge Management for Organizational Excellence in present scenario organized by M.L. Rastogi School of Management, Lucknow (6 feb. 2016). ISBN: 978-194343897-6 Pg. 34-37
- Verma, Shilpi, Verma, Rekha, Arora, Mega (2016) Knowledge Management: An Overview. In proceeding of Knowledge Management for Organizational Excellence in present scenario organized by M.L. Rastogi School of Management, Lucknow (6 feb. 2016). ISBN: 978-194343897-6 Pg. 69-70
- Gupta, Shreya, Verma, Shilpi (2016): Knowledge Management: Life Cycle, Tools & Practices. In proceeding of Knowledge Management for Organizational Excellence in present scenario organized by M.L. Rastogi School of Management, Lucknow (6 Feb. 2016). ISBN: 978-194343897-6 Pg. 91-92

- Gupta, Shreya and Verma, Shilpi (2015). User information privacy in digital environment. In proceeding of Lucknow Science Congress-2015. (31 Oct.- 2 Nov. 2015). 145. ISBN: 978-93-84337-66-7
- Verma, Shilpi, Verma, Rekha and Arora Mega (2015). Public Library: A special place for special ones. In proceeding of Lucknow Science Congress-2015. (31 Oct.- 2 Nov. 2015). 77-82. ISBN: 978-93-84337-66-7
- Verma, Shilpi and Rani, Priyanka (2015). ICT application in academic libraries of Lucknow. In proceeding of Lucknow Science Congress-2015. (31 Oct.- 2 Nov. 2015). 21-32. ISBN: 978-93-84337-66-7

Papers in National Journals (published):

Prof. K. L. Mahawar

1. Gupta, Shreya, Verma, Shilpi and Mahawar, K.L. (2016): "Information Resources, Services and Users satisfaction Survey of Sir Dorabji Tata memorial Library" Tata institutes of Social Sciences Mumbai in E Library Science Research Mumbai. E-ISSN:2319-8435, (Peer Reviewed)

Dr. M. P. Singh

1. Nigam, K. & Singh, M.P. (2016). Impact of social networking sites in scholarly communication by state universities of Uttarakhand. *DESIDOC Journal of Library and Information Technology*, 36 (5), 291-301.

Dr. S. K. Sonker

1. Verma, S., A. Shah & Dr. Sharad Kumar Sonker (2017). Paper title: *Bibliometric Study on the "ASLIB Journal of Information Management" from 2005 to 2015*. *Pearl, A Journal of Library and Information Science*. Vol.11, Issue (1), Pp; 44-54.. ISSN: 0973-7081. By IndianJournals.com. (Peer Reviewed Referred Journal)
2. Anubhav Shah, Dr. Sharad Kumar Sonkar & Shrutika Sinha (2017). Paper title: "Citation Analysis of Annals of Library and Information Studies from 2003 to 2014". *Indian Journal of Library and Information Science*. Vol. 11, Issue (1). Pp; 05-08. ISSN: 0973-9556/P 0973-9548. By Red Flower Publication Pvt. Ltd,
3. Verma, Anjali, Sharad Kumar Sonker & Om Prakash Jigyashu (2016). Attitude of Faculty members and students of Library and Information Science towards open access

Resources: a study of central universities in Uttar Pradesh. *KIIT Journal of Library and Information Management*. 3(1); 134-41. (2016).

4. Anubhav Shah, Dr. Sharad Kumar Sonkar (2016). Paper title; *Bibliometric study of Library and Information Science PhD Thesis: With Special Reference to INDCAT*. *Journal of Research in Librarianship*, Vol. 03, Issue (1). Pp; 30-41. ISSN 2393-8986. from Hyderabad.

Dr. R.K. Choudhary

- Choudhary, R.K. Amit Kanoojiya and Ranjan, Sumit (2017). Effectiveness of Electronic Resources among Users in the Central Library of Babasaheb Bhimrao Ambedkar University, Lucknow *Research Journal of Library Sciences* 2017 Vol. 5(1), 1-12, January (2017) ISSN23208929.pp. 1-12.
- Choudhary, R.K., Waqar Ahmad and Aklesh Kumar (2016) Collection Development and management of electronic resources in Integral University, Lucknow and Amity University Lucknow Campus: A Comparative study. *LIS Today* Vol. 3 Issue 1-2 December 2016. ISSN 2349-9621. Pp. -110-118.

Dr. Shilpi Verma

- Verma, Shilpi (2016): " Usage and Trends of e-resources in Libraries: A study of SGPGIMS Library" *RBU Journal of Library & Information Science, DLIS, Ravindra Bharti University, Kolkatta* PP (72-80) Vol. 18, 2016 (ISSN: 0972-2750) (Peer Reviewed)
- Verma, Shilpi (2016). "Managing Libraries rare material: A Managerial approach". In *Journal of Moti Lal Rastogi School of Management*. Vol X, No-2, July 2016. Pp 20-23 (ISSN: 0974-4037)
- Mishra, Priyanka and Verma, Shilpi (2016). "Collection and services of Indian Council of Philosophical Research Library, Lucknow: A Study. In *Journal of information Management*. Volume 3, Issue 1 (Jan-Jun-2016) pp 90-102, ISSN: 2348-1765(P), 2348-1773 (O) (Cosmos Impact Factor 5.005, Year-2015) Pg. 111-127

Paper published in International Conference:

Dr. M. P. Singh

1. Singh, M.P. & Gautam, V.K. (2017). Evaluation of websites of central university libraries in Uttar Pradesh, India. *Dynamics of Library for Excellence in Electronic Revolution*. Proceedings of the 6th

International Library and Information Professionals Summit 2017 (pp. 508-519). Indian Institutes of Science Education & Research (IISER) Mohali, Punjab. 06-08 April 2017. ISBN No: 978-93-86578-02-0.

2. Chandra, S. & Singh. M.P. (2017). Digital literacy among students of Dr. Shakuntala Misra National Rehabilitation University, Lucknow: A case study. *Dynamics of Library for Excellence in Electronic Revolution*. Proceedings of the 6th International Library and Information Professionals Summit 2017 (pp. 527-531). Indian Institutes of Science Education & Research (IISER) Mohali, Punjab. 06-08 April 2017. ISBN No: 978-93-86578-02-0.
3. K. Sikandar, Singh, M.P. & Saini, O.P. (2017). An evaluative study of competency skills of Tagore Library, University of Lucknow. *Dynamics of Library for Excellence in Electronic Revolution*. Proceedings of the 6th International Library and Information Professionals Summit 2017 (pp. 532-543). Indian Institutes of Science Education & Research (IISER) Mohali, Punjab. 06-08 April 2017. ISBN No: 978-93-86578-02-0.

Dr. S. K. Sonker

- (1) Sonkar, S.K and Pankaj Kumar. (2016). Awareness and use of Open courseware among PG students of University of Lucknow with special reference to E-PG Pathshala. In *Future Librarianship: innovative, Embedded, sustainable and emerging trends*. Edited by Ravindra Mendhe et. Academic book publication. Jalgaon. Pp.241-243. ISBN: 978-93-85664-16-8.

Paper published in International Journals:

Prof. K. L. Mahawar

1. Mishra, Divya and Mahawar, K.L. (2016) Use of information resources subscribed through NKRC by the scientific community of CSIR institutes in Lucknow: A study. in *International Journal of Academic and Development*. ISSN: 2455-4197. P-100-102

Dr. M. P. Singh

1. Hariom & Singh M.P. (2017). Information needs and gathering habits among farmers in rural areas of Mahoba District, Uttar Pradesh: A study. *International Journal of Research in Library Science*, ISSN - 2455-104X., Impact Factor: 3.723
2. Hariom & Singh M.P. (2016). Information needs

and gathering habits among farmers of Lalitpur Districts in Bundelkhand Region of Uttar Pradesh: A study. *International journal of library and information management* (Peer – Reviewed refereed), ISSN – 975-878X., Impact Factor: 5.2

Dr. S. K. Sonker

1. Sonkar, S.K., A. Shah., S.D. Gond, A. Pal. (2017) A Bibliometric Study on the Journal's Information Technology and People' (2006-2015). *Library Progress (International)*, 37(1), 2017, January
2. Tripathi, M., Mahesh Chand, Sonkar, S. K., & Jeevan, V. K. (2017). *A brief assessment of researchers' perceptions towards research data in India*. *IFLA Journal*, 43(1), pp. 22-39.
3. Anubhav Shah, Dr. Sharad Kumar Sonkar & Kritika Sinha (2016). Paper title: "Citation Analysis of Journal on Library and Information Science Research During 2005-2014". *International Journal of Library Science and Information Management (IJLSIM)*. Vol. 02, Issue (2). Pp; 11-21. ISSN 2454-910X. By IJLISM Chennai. (Peer Reviewed Referred Journal).
4. Arti Mohan, Anubhav Shah & Dr. Sharad Kumar Sonker (2016). Paper title: "Use and Impact of E-Resources on Study and Research: A Study on Research Scholars of University of Lucknow". *International Journal of Library and Information Studies*. Vol. 06, Issue (4). Pp; 05-08. ISSN 2231-4911. IJLIS is initiated by the founders of "PEARL – A journal of Library and Information Science" (Peer Reviewed Referred Journal).
5. Anubhav Shah, Dr. Sharad Kumar Sonkar (2016). Paper title; *Governance of Government District Libraries of Uttar Pradesh*. *International Journal of Library & Information Science (IJLIS)*. Vol. 05, Issue (1). Pp; 01-11. ISSN 2277-3533. Journal Impact Factor (2016): 8.2651 By IAEME Publication. Thomson Reuters' Research ID : H-3771-2015 Indexed Journals. (Peer Reviewed Referred Journal).
6. Anubhav Shah, Dr. Sharad Kumar Sonkar (2016). Paper title; *Status of Government District Libraries of Uttar Pradesh: With Special reference to Lucknow and Saharanpur Division*. *e-Library Science Research journal*. Vol. 05, Issue (4). Pp; 01-11. ISSN 2319-8435. Impact Factor (2016): 2.2030 (UIF) By Laxmi Book Publication, Maharashtra. (National & International Recognized)
7. Srivastava, P., Parabhoi, I., & Sonkar, S.K. (2016). E-resources collection development policy.

International Journal of Library and Information studies, 6(3) Jul-sep, 2016. ISSN: 2231-4911

8. Rajbanshi V. J. and Sonkar S.K. (2016). Awareness and use of UGC INFONET Digital library consortium by research scholars of Thapar University, Patiyala: A Study. .International Journal of Library and Information Studies, Vol. 6(3) pp. 141-150.
9. *Tripathi, B., Sonkar S.K., & Rajbanshi V. J. (2016).* Use and Impact of electronic resources among scholars a comparative study of agriculture and technology universities in utter Pradesh. International Journal of Library & Information Science (IJLIS), 5 (2), May–Aug 2016, pp. 108–118,
10. *Rajbanshi V. J. and Sonkar S.K (2016).* Awareness and use of UGC INFONET Digital library consortium by research scholars of central university of panjab Bhatinda: A Study. .e-Library Science Research Journal, 4(11) 2016, pp.1-9.

Dr. Shilpi Verma

1. Verma, Shilpi and Rawat, Manisha (2017) Information Need and Information Seeking Behaviour of Villagers of Lucknow, India, India in Library Philosophy and Practice (e-journal) Libraries at University of Nebraska-Lincoln. Summer 5-15-2017 <http://digitalcommons.unl.edu/libphilprac/1547> ISSN: 1522-0222 (Peer Reviewed Journal, H Index-11Scimago Journal & country Rank indexed in Library, Information Science & Technology Abstracts (LISTA), DOAJ, Library Literature & Information Science, and SCOPUS)
2. Verma, Shilpi, Gupta, Diyanshu (2017): “ Role of emotions in seeking and sharing of information in Library of Babasaheb Bhimrao Ambedkar University, Lucknow, India in Library Philosophy and Practice (e-journal) Libraries at University of Nebraska-Lincoln. Winter1-17-017.1493(<http://digitalcommons.unl.edu/libphilprac/1493>) ISSN: 1522-0222
(Peer Reviewed Journal, H Index-11Scimago Journal & country Rank indexed in Library, Information Science & Technology Abstracts (LISTA),DOAJ, Library Literature & Information Science, and SCOPUS)
3. Kumar, Shiv, Verma, Shilpi (2016): “ Collection Development and Policies of Central Library IIT BHU and Indore: A Comparative Study in Asian

Journal of Multi Disciplinary Studies (Peer Reviewed, Indexed, International), Vol. -V, Issue-5 , April 2016, ISSN: 2321-8819 (Online) 2348-7186(Print)Pg no. 95-101

Peer Reviewed, indexed in Google scholar, J-Gate & Other Databases, International) (Impact factor-1.498, H-Index: 3)

4. Verma, Shilpi (2016). “Libraries in contemporary Internet era” in Shrinkala (Peer Revived, Indexed, Impact factor-4.107 e-ISSN 2349-980X Print ISSN: 2321-290X Pg. no.57-59

International Conference (Paper presentation)

Dr. Shilpi Verma

1. Verma, Shilpi (2017) presented a paper titled as “ Sardar Vallabhbhai Patel’s Role in shaping modern India” in International seminar on Revisiting Mordern thinkers in Contemporary contexts held on 13-14 April 2017 in BBAU, Lucknow
2. Verma, Shilpi (2016) presented a paper titled “Ethics & Values required for Information Professionals” in 27th International Seminar on Bharat Ratna Dr. A.P.J. Abdul Kalam : Life and Contribution in Literature on 8-10 April 2016 organized by Hindi-Urdu Sahitya Award Committee, Lucknow and National Council for Promotion of Urdu Language

National Conference (Paper presentation)

Dr. Shilpi Verma

1. Verma, shilpi (2016) : Presented a paper titled as “ Yogic science and Libraries” in National Conference on Yoga for Holistic Health held on 29 aug 2016 org. by sports section, BBAU and Academy of Physical education, sports & Yogic sciences.
2. Verma, Shilpi (2016): Presented a paper titled as “Collection on contribution of Ambedkar in Libraries” in Two day National symposium on The contribution of Babasaheb Ambedkar for development of Morder India, BBAU, Lucknow on 13-14 April 2016

National Workshop/Seminar/Conferences

Prof. K.L. Mahawar

1. Attended National conference on Transforming Libraries in 21st Century, Organized by DLIS, BBAU, Lucknow, on 30/03/2017. National conference on Transforming Libraries in 21st

Century, Organized by DLIS, BBAU, Lucknow on 30/03/2017.

Dr. M.P.Singh

1. Singh, M.P. (2016). Contribution of Babasaheb Bhimrao Ambedkar on women empowerment. Two-Day National Symposium on the Contribution of Babasaheb Ambedkar for Development of Modern India organized by BBA University, Lucknow, on April 13-14, 2016.

Dr. Shilpi Verma

1. Attended One Week Short Term Course in Assistant Professor (Grade 3-4) from 4.11.16 to 10.11.16 at HRDC, University of Lucknow, Lucknow (One Week)
2. Attended Workshop on Research Methodology and Statistical Analysis in Yogic Sciences org. by sports section, BBAU and Academy of Physical education, sports & Yogic sciences held from 22nd aug to 28th aug 2016. (One Week)

Dr. S.K. Sonker

- Attended the 32nd IATLIS National Conference on the theme "LIS Research :Issues and Challenges" organized jointly by the Indian association of teachers of library and information science (IATLIS), and the department of library and information science. Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow on 19-20 December 2016 at BBAU, Lucknow.

International Workshop/Seminar/Conferences

Dr. S.K. Sonker

- Participated in *International conference ISCOM 2016* organized by SVKM,s NMIMS & information and communication department, faculty of humanities and social sciences, khon kaen university, Thailand held on June 10-11-2016.

Invited Speaker /Session Chaired in National / International Conference

Prof. K.L. Mahawar

1. Delivered 04 Lectures, MDS University, Ajmer.

Dr. M.P.Singh

1. Singh, M.P. (2016). Scientometric analysis of collaborative pattern in Indian journal of fisheries. *12th International Conference on Webometrics, Informetrics and Scientometrics (WIS)* organized by COLLNET held at Nancy France

on 15th December 2016.

2. Singh, M.P. (2016). Knowledge generation and scholarly communication an analytical and bibliometric study of core publisher in the Psychology. *12th International Conference on Webometrics, Informetrics and Scientometrics (WIS)* organized by COLLNET held at Nancy France on 15th December 2016.
3. Singh, M.P. (2016). From ownership to access: Leveraging the digital paradigm. *5th International Library and Information Professional Summit (LIPS-2016)* organized by Ambedkar University Delhi in association with Society for Library Professionals and Special Library association Asian Chapter held at New Delhi on 19th -20th May 2016.

Dr. R.K. Choudhary

- Choudhary. R.K. (2017) has co-chairman in the National Seminar on Organizational Development through Knowledge management in Digital India organized by Moti lal Rastogi School of Management Lucknow held on 11th February, 2017.

Dr. Shilpi Verma

- Verma, Shilpi (2017) has delivered a talk on "Science & Technology for specially abled persons" in National Science Day " One day symposium on Science & Technology for specially abled persons" organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 28th Feb 2017
- Verma, Shilpi (2017) has delivered a talk on " Role of Libraries in Higher education: With reference to Vision 2030 in National Seminar Higher Education in India: vision 2030 with special reference to sustainable development goals sponsored by DOE, Govt. of UP, at Maharaja Bijli Pasi Govt. P.G. College, Aashiyana, Lucknow on Jan 28 2017.

Conference/Seminar/Workshop organised

Dr. S.K. Sonker

- Organised National conference on "Transforming Libraries n 21st century" in DLIS, BBAU Lucknow during 30 march 2017.

N.1 Award & Recognition (if any)

- Ø Awarded IATLIS – Prof. S P Narang Reasech Promotion Award – 2016, Conferred by the

IATLIS in the XXXII IATLIS National Conference on December 19th, 2016 in recognition of significant contribution to LIS of Prof. K. L. Mahawar.

N.2 Members of Board/Committee (outside BBAU)

Ø Members of Board/Committee (outside BBAU): Research Committee of LIS of Bundelkhand University, Jhansi.

Research Guidance:

Prof. K.L. Mahawar

- Ph.D. awarded: 01 Awarded; 02 Ongoing; 04 candidates' registration continuation is under process that whether they continue or not?
- M.Phil Awarded: 01 Ongoing.
- M.Lib.I. I. Sc. Dissertation Guided: 07.

Dr. M.P. Singh

- Guided MLISc students for their Dissertation work.
- 03 Ph.D. awarded
- 02 Ph.D. Submitted

Dr. S.K. Sonker

- Guided MLISc students for their Dissertation work.
- 01 Ph.D. awarded
- 01 Ph.D. Submitted

Dr. R.K. Choudhary

- Guided MLISc students for their Dissertation work.
- 04 pursuing M. Phil Degree.
- 02 Ph.D. submitted and 04 pursuing

Dr. Shilpi Verma

- Ph.D. Awarded: 01 Submitted: 01 Ongoing: 03,
- M.Phil Ongoing: 04,
- M.Lib.I. Sc dissertation Guided: 05

Membership in Various Government and Other Bodies

Prof. K.L. Mahawar

1. Life Member of Indian Library Association (ILA)

2. Life Member of Indian Association of Special Libraries and Information Centres (IASLIC)
3. Life Member of Indian Association of Teachers of Library and Information Science (IATLIS)

Dr. M.P. Singh

1. Member, Editorial Board, Journal of Library and Information Management
2. Member, Editorial Board, International journal of Professional Development.
3. Member, Advisory Board, online LIS professionals Reference Service.
4. Life member of the Society for Advancement of Libraries and Information Science (SALIS).
5. Member, Special Library Association - Asian chapter (SLA-Asian Chapter).
6. Life Member of the Indian Association of Special Libraries & Information Centres (IASLIC).
7. Life Member of the Indian Library Association (ILA)
8. Life Member of the Indian Library Association (SALIS)
3. Life Member of the Indian Association of teachers of Libraries & Information Science (IATLIS).

Dr. S.K. Sonker

1. Life Member of the Indian Association of Special Libraries & Information Centers (IASLIC).
2. Life Member of the Indian Association of Teachers of Libraries & Information Science (IATLIS).

Dr. R.K. Choudhary

1. Life Member of Indian Association of Special Libraries & Information Centers (IASLIC)
2. Life Member of Indian Association of Teachers of Library & Information Science (IATLIS).

Dr. Shilpi Verma

1. Life Member of the Indian Association of Special Libraries & Information Centres (IASLIC).
2. Life Member of the Indian Library Association (ILA)
3. Life Member of the Indian Association of teachers of Libraries & Information Science (IATLIS).

SCHOOL FOR LEGAL STUDIES

The School for Legal Studies was established in 1999 to promote research in law and its allied disciplines. As present, the School has two departments and one Centre, such as Department of Human Rights, Department of Law and Centre of Post Graduate Legal Studies, offering B.B.A.L.L.B. (Hon'), LL.M. and Ph.D. Programmes. Our efforts have been to make legal learning socially relevant, technically competent and professionally sound for complete development of the individual personality. The School recognizes the continued paramount importance of the areas like Constitutional Law, Human Rights, Intellectual Property Law, Environmental Law, Corporate and Commercial Law etc. The courses are comprehensive and multidimensional, which has

always been intrinsically connected with the issues of public governance and is of human and social significance. The School has Legal Aid Clinic forum for providing the legal aid services to poor needy people and interface with the common mass, particularly the deprived section of society. The clinical legal education and extension activities 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 realize the preambular commitment of social justice enshrined in our Constitution and the sensitivity to understand the relationship between law and life.

DEPARTMENT OF HUMAN RIGHTS

Introduction

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., LL.M. and BBA LLB (Honors) courses. The total number of students in Ph.D. course on date is 16; LL.M. Course is 30 during the session 2016-17 out of which number of **open** category students is 15 and students belonging to SC/ST category are 15 and in B.B.A. LL.B. (Hon) during session 2016-17 is 43.

In Ph.D. course there is a one semester Pre-Ph.D. Research Course Work for the scholars. Besides Research Methodology as a compulsory paper the scholar has to opt one optional paper which also consists of the review of literature, out of five options running in the Department.

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 human rights and law, 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.

B.B.A. LL.B. (Hon) course consists of ten semesters spanning in five years. The syllabus of B.B.A. LL.B.(H) course is inter-disciplinary in approach. Its objective is to create lawyers professionally competent, technically sound and socially relevant.

Objectives of the Department

The objectives of the Department are:-

- to undertake study of the constitutional, legal, socio-economic and political dynamics of human rights and governance issues in India and the world;
- to recommend remedies to alleviate human rights violations through legal and democratic processes;
- to create lawyers professionally competent, technically sound and socially relevant.

- The academic programmes are designed to analyse the theoretical, empirical and clinical issues concerning law, governance and human rights.

Infrastructural Facilities

- The Department is housed in School for Legal Studies Building.
- The Building is Wi-Fi connected.
- Two Classrooms, one Smart classroom, one legal aid room and one Conference hall.
- Head's Chamber and 06 faculty chambers
- Girls' common room, multipurpose hall, One Computer lab and Library at School level.
- Computers have been provided to all the teachers.

- Three LCD projectors and one Laptop are available for students' classes and conference hall.
- Xerox Machine along with required furniture is also available in the Department.
- Construction of Moot Court is in progress.

Academic Profile (Teaching & Research)

Department has two Professors, one Associate Professor and two Assistant Professors at present. One post of Assistant Professor is vacant and in the process of selection. Faculty Members are drawn from the disciplines of Law, Political Science and Human Rights.

Profile of Faculty Members

Sr. No.	Name	Designation	Qualification	Experience	Specialization
1.	S.K. Bhatnagar	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 11 Sept. 1978	Human Rights; Constitutional Law & Jurisprudence
2.	Priti Saxena	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 18.11.1991	Constitutional Law, Administrative Law and Torts
3.	Preeti Misra	Associate Professor	LL.M., LL.D.	Teaching & Research Since 20 Sept. 1999	Criminal Law, Women & Law, Intellectual Property Law & Human Rights Law
4.	Shashi Kumar	Asst. Professor	M.A(Political Science) Ph.D. in (Political Science)	Teaching & Research Since 19 August 1997	Human Rights, Indian Politics & Law Political Theory
5.	Rashida Ather	Asst. Professor	M.A (Human Rights) Ph.D. (Human Rights)	Teaching & Research Since 20 Nov. 2008	Child and Women Rights, IHL, Human Rights, Refugee Rights
6.	Dr. Rajeev Kumar Singh	Asst. Professor (Contractual)	LLM., Ph.D. UGC-NET		Law
7.	Dr. Ragini Narain	Asst. Professor (Contractual)	LLM., Ph.D. UGC-NET		Law
8.	Mr. Vijay Kumar Bhaskar	Asst. Professor (Contractual)	LL.M. & UGC-NET		Law
9.	Ms. Shweta Trivedi	Asst. Professor (Contractual)	LL.M. & UGC-NET		Law
10.	Mr. Dheerendra Vikram Singh	Asst. Professor (Contractual)	LL.B., LL.M. (UGC-NET)		Law

Sr. No.	Name	Designation	Qualification	Experience	Specialization
1.	Mr. Shubham	Asst. Professor (Contractual)	LL.M. (UGC-NET)		Law
2.	Dr. Pooja Rani (Management)	Asst. Professor (Contractual)	MBA, Ph.D. (UGC-NET)		Management
3.	Mr. Srajan Kumar Singh	Asst. Professor (Contractual)	MBA, (UGC-NET)		Management

Department Level Academic Activities

Internal Quality Assurance Cell

The Department works under three Forums for its academic and extension activities and one for alumni activity:

1. Academic Forum:

The department has an Academic Forum with Prof. Priti Saxena, as its Chairperson with Dr. 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.

2. Legal Aid Clinic:

The Department has a Legal Aid Clinic with Prof. Priti Saxena as Chairperson, Prof. S.K. Bhatnagar, Dr. Rashida Ather as its members and Dr. Preeti Misra as Coordinator. Dr. Rajeev Kumar Singh, Contractual Faculty, Mr. Ajay Alok Avikal Jaiswal and Ms. Shailja Shukla 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. The Clinic has organized the programme in four schools of Aurangabad Jagir Village on Recitation of Preamble of the Indian Constitution to celebrate Constitution Day on 26 Nov, 2015 Lucknow.

3. 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 nooks and corners from the legal experts, D.H.R. teachers and students and at the same time to disseminate the same back to the students for their benefit. The purpose of the wall magazine is to come out with new ideas and theories to improve and to add the knowledge. The contribution to this magazine is presently confined to faculty members, research scholars, and students of the DHR. The matter are displayed in four sections on the Wall Magazine-

- i. **Publication-** The publication of abstracts and Research Papers.
- ii. **Legal Updates-** Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites
- iii. **Students' achievements-** information about students winning and participating in various competitions.
- iv. **Information and Guidance-** information of career prospects and vacancies in the related field.

4. Smriti Latika:

Smriti Latika, a directory which provides a valuable and informative platform for all teachers and students of the department to promote professional links between the department and its alumni. Prof. Priti Saxena is its Patron, and Mr. Rajeev Kumar Singh, Mr. Girijesh Kumar Singh alumni of the department as Editors update the required information, both through print and social media. The Alumni meet of the department is organised on every second Saturday of February each year.

Department Level Academic Activities:

Lectures

Sl. No.	Date	Name with address	Topic
1.	09-08-2016	Prof. Arvind Jasrotia, Head & Dean, Faculty of Law, University of Jammu	Climate Change
2.	01-09-2016	Prof. Afzal Wani, Dean, University School of Law & Legal Studies, G.G.S. Indraprastha University, Delhi	Recent Legal issues
3.	02-09-2016	Prof. Zafar Nomani, Professor, Law Faculty, AMU, Aligarh	Recent issues on Environmental Law
4.	21-09-2016	Prof. Jorge Arturo Cerdio Herran, Professor, Head, Department of Law, Academic Director, Center for Access to Justice and Dean (Law), ITAM University, Mexico	Law and Truth: A Miniaturized Genealogy
5.	30-11-2016	Sr. Advocate Shir H.C. Ganeshia	Importance of Law and Legal Profession
6.	18-02-2017	Prof. U.C. Sankhla, Vice Chancellor, Dr. Ambedkar Law University, Jaipur	Family Law
7.	23-02-2017	Prof. Rattan Singh, Professor, UJLS, Punjab University, Punjab	Research Methodology
8.	29-03-2017	Dr. Vaishali Kolhe, Chairperson, Center for Disability Studies & Action, School of Social Work, Tata Institute of Social Sciences, Mumbai	Disability Rights
9.	30-03-2017	Hon'ble Mr. Justice Deepak Sibbal, Punjab & Harayana High Court, Chandigarh	Disability Rights
10.	30-03-2017	Dr. Pramod Kumar Singh, Assistant Professor, Department of Hindi, Dr. Shakuntla Misra National Rehabilitation University, Lucknow	Disability Rights
11.	30-03-2017	Dr. P.C. Yadav, Assistant Professor of Law, University of Lucknow, Lucknow	Disability Rights
12.	30-03-2017	Prof. Shefali Yadav, Dean & Head, Faculty of Law, Shakuntla Misra National Rehabilitation University, Lucknow	Disability Rights
13.	30-03-2017	Dr. Rakesh Jain, National PG College, Lucknow	Disability Rights

Courses offered/New Courses

Ph.D., LL.M. & BBA LL.B. (H)

Visitors to the Department:

Sl. No.	Date	Name with address
1.	09-08-2016	Prof. Arvind Jasrotia, Head & Dean, Faculty of Law, University of Jammu
2.	01-09-2016	Prof. Afzal Wani, Dean, University School of Law & Legal Studies, G.G.S. Indraprastha University, Delhi
3.	02-09-2016	Prof. Zafar Nomani, Professor, Law Faculty, AMU, Aligarh
4.	21-09-2016	Prof. Jorge Arturo Cerdio Herran, Professor, Head, Department of Law, Academic Director, Center for Access to Justice and Dean (Law), ITAM University, Mexico
5.	30-11-2016	Sr. Advocate Shri H.C. Ganeshia

Sl. No.	Date	Name with address
1.	18-02-2017	Prof. U.C. Sankhla, Vice Chancellor, Dr. Ambedkar Law University, Jaipur
2.	23-02-2017	Prof. Rattan Singh, Director, University Institute of Legal Studies, Punjab University, Chandigarh Punjab
3.	29-03-2017	Dr. Vaishali, Director, Center of Disabilities, Tata Institute of Social Sciences, Mumbai
4.	29-03-2017	Hon'ble Mr. Justice Deepak Sibbal, Judge, Punjab & Harayana High Court, Chandigarh
5.	30-03-2017	Dr. Pramod Kumar Singh, Assistant Professor, Department of Hindi, Dr. Shakuntla Misra National Rehabilitation University, Lucknow
6.	30-03-2017	Dr. P.C. Yadav, Assistant Professor of Law, University of Lucknow, Lucknow
7.	30-03-2017	Prof. Shefali Yadav, Dean & Head, Faculty of Law, Shakuntla Misra National Rehabilitation University, Lucknow.
8.	30-03-2017	Dr. Rakesh Jain, National PG College, Lucknow
9.	30-03-2017	Major B.K. Kaul, Lucknow
10.	30-03-2017	Hon'ble Mr. Justice R.N. Mishra, Judge High Court Allahabad Lucknow Bench.

Accomplishments of Students:

Sl. No.	Name	Post	Year
1.	Ms. Urooz Fatima	Civil Judge Junior Division (UP)	2016
2.	Mr. Rameshwar Dayal	Civil Judge Junior Division (UP)	2016
3.	Mr. Sachin Kumar Dixit	Civil Judge Junior Division (UP)	2016
4.	Mr. Vimlesh Saroj	Civil Judge Junior Division (UP)	2016
5.	Dr. Pradeep Kumar	Asst. Professor Law in BHU, Varanasi	2016
6.	Dr. Kabindra Brijwal	Asst. Professor Law in BHU, Varanasi	2016
7.	Mr. Bhanu Pratap	Asst. Professor Law in Lucknow University	2016
8.	Mr. Baij Nath	Asst. Prosecution Officer (Jammu & Kashmir)	2016
9.	Mr. Siddarth Srivastava	Asst. Prosecution Officer (UP)	2016
10.	Mr. Navneet Tripathi	Asst. Prosecution Officer (UP)	2016
11.	Mr. Lav Lesh Kumar	Asst. Prosecution Officer (UP)	2016
12.	Shishir Jha	Law Officer in Bank of Baroda	2016
13.	Mr. Gaurav Gupta	Qualified JRF NET UGC in Law	2016
14.	Ms. Deepika Mukund	Qualified NET UGC in Law	2016
15.	Mr. Pradeep Kumar Giri	Qualified NET UGC in Law	2016
16.	Mr. Shubham Maurya	Qualified NET UGC in Law	2016
17.	Mr. Vinay Kumar Kashyap	Qualified NET UGC in Law	2016
18.	Mr. Ranjeet Chaudhary	Asst. Prosecution Officer (Bihar)	2017
19.	Mr. Sudhakar Shukla	Assistant Professor, UP Higher Education	Jan 2017
20.	Mr. Pradeep Kumar Pandey	Assistant Professor, UP Higher Education	Jan 2017
21.	Mr. Shashi Kumar	Assistant Professor, UP Higher Education	Jan 2017
22.	Mr. Kamlesh Singh Deou	Civil Judge Bihar	Feb 2017
23.	Mr. Taku Maji	Assistant Professor, Pondichery University	Mar 2017

Faculty wise Supervision of the Ph.D. and M. Phil Students:

Ph.D.

Sl. No.	Name	Father's Name	Guide/ Supervisor	Remarks
1.	Mr. Ravindra Kumar	Shri R.N. Prasad	Dr. Preeti Misra	Submitted on 23/12/16
2.	Mr. Vijay Kr. Bhaskar	Shri Ganga Deen	Dr. Preeti Misra	Submitted on 13/06/16
3.	Mr. Lavlesh Kumar	Shri Jay Prakash	Dr. Shashi Kumar	
4.	Mr. Jagadish Prasad	Shri Inder	Dr. Shashi Kumar	
5.	Mr. Vivek Kumar	Shri Daya Shankar	Prof. Priti Saxena	
6.	Mr. Kamlesh Singh Deou	Shri Chandan Singh Deou	Prof. Priti Saxena	
7.	Munish Swaroop	Narain Swaroop	Prof. S.K. Bhatnagar	
8.	Deependra Nath Pathak	Satyendra Nath Pathak	Prof. S.K. Bhatnagar	
9.	Girijesh Kumar Singh	Ram Lochan Singh	Prof. Priti Saxena	
10.	Preeti Bhasker	Shyam Lal Bhasker	Dr. Preeti Misra	
11.	Taku Maji	Koyang Taku	Dr. Rashida Ather	
12.	Manjari Rawal	Narendra Singh Rawal	Prof. S.K. Bhatnagar	
13.	Pramod Kumar	Lal Chand Prasad	Dr. Rashida Ather	
14.	Manindra Kumar Singh	Shio Mangal Singh	Prof. S.K. Bhatnagar	
15.	Neha Singh	Jitendra Kumar Singh	Prof. S.K. Bhatnagar	
16.	Satyendra Kumar Maurya	Shri Shiv Poojan Maurya	Prof. S.K. Bhatnagar	
17.	Indu Bala	Ishwar Dayal	Dr. Shashi Kumar	
18.	Rajit Ram Sonkar	Jamuna Prasad Sonkar	Dr. Rashida Ather	

LL.M. Dissertations (Equivalent to M. Phil)

Awarded in June 2016

Sl. No	Name of Students	Supervisor	Co-Supervisor
1.	SHISHIR KUMAR	Prof. S.K. Bhatnagar	Dr. Shashi Kumar
2.	ANUJ DUBEY	Prof. Priti Saxena	Prof. S.K. Bhatnagar
3.	AKASH SETH	Dr. Preeti Misra	Dr. Rashida Ather
4.	RAHUL CHAUDHARY	Prof. Priti Saxena	Prof. S.K. Bhatnagar
5.	RAHUL SHUKLA	Prof. Priti Saxena	Dr. Preeti Misra
6.	SHUBHAM	Prof. Priti Saxena	Prof. S.K. Bhatnagar
7.	NEETU SINGH	Dr. Preeti Misra	Prof. Priti Saxena
8.	SHALINI SINGH	Dr. Preeti Misra	Dr. Rashida Ather
9.	VINAY KUMAR KASHYAP	Dr. Rashida Ather	Prof. Priti Saxena
10.	AJAY ALOK AVIKAL JAISWAL	Dr. Preeti Misra	Prof. Priti Saxena
11.	BHUPENDRA MANI TRIPATHI	Dr. Rashida Ather	Prof. Priti Saxena
12.	INDU GAUTAM	Dr. Rashida Ather	Dr. Preeti Misra
13.	DABLOO BHARATI	Prof. S.K. Bhatnagar	Dr. Preeti Misra
14.	CHANDRESH RAO	Dr. Rashida Ather	Dr. Shashi Kumar

Sl. No	Name of Students	Supervisor	Co-Supervisor
1.	MONIKA ANURAGI	Dr. Shashi Kumar	Dr. Rashida Ather
2.	UMANG BANAUDHIA	Prof. S.K. Bhatnagar	Dr. Rashida Ather
3.	RAVI SINGH RANA	Prof. S.K. Bhatnagar	Dr. Shashi Kumar
4.	RANVIJAY	Dr. Shashi Kumar	Prof. S.K. Bhatnagar
5.	UDAY KUMAR	Dr. Shashi Kumar	Dr. Rashida Ather
6.	TARA	Dr. Shashi Kumar	Dr. Preeti Misra
7.	GAJENDRA BAHADUR SRIVASTAVA (Old Course)	Dr. Preeti Misra	Dr. Shashi Kumar

Submitted

Sl. No	Name of Students	Supervisor	Co-Supervisor
1.	Satyam Singh	Prof. Priti Saxena	Prof. S.K. Bhatnagar
2.	Shipra Mishra	Dr. Preeti Misra	Dr. Shashi Kumar
3.	Varun Gupta	Dr. Preeti Misra	Dr. Shashi Kumar
4.	Shalini Singh Tomar	Prof. Priti Saxena	Dr. Rashida Ather
5.	Madan Mohan Shahi	Prof. Priti Saxena	Prof. S.K. Bhatnagar
6.	Subash Chandra Shukla	Dr. Rashida Ather	Prof. Priti Saxena
7.	Shriprakash Yadav	Dr. Rashida Ather	Prof. Priti Saxena
8.	Pawan Bhaskar	Dr. Preeti Misra	Prof. S.K. Bhatnagar
9.	Vineeta Kumari Chowdhary	Prof. S.K. Bhatnagar	Prof. Priti Saxena
10.	Pankaj Kumar	Dr. Rashida Ather	Dr. Shashi Kumar
11.	Priyank Kumar Verma	Prof. S.K. Bhatnagar	Dr. Rashida Ather
12.	Ram Dular Sonkar	Dr. Shashi Kumar	Prof. Priti Saxena
13.	Sateesh Kumar	Prof. S.K. Bhatnagar	Dr. Preeti Misra
14.	Sonu Kumar	Dr. Preeti Misra	Prof. S.K. Bhatnagar
15.	Nivedita Singh	Dr. Shashi Kumar	Prof. Priti Saxena
16.	Ashok Kumar	Dr. Shashi Kumar	Dr. Rashida Ather
17.	Fagulal Urf Ashutosh	Dr. Shashi Kumar	Dr. Preeti Misra
18.	Jaya Chaudhary	Dr. Rashida Ather	Dr. Preeti Misra

Co-curricular/Extra-curricular/conferences event organized by the Departments:

Seminars/Symposiums/Workshop

Sl. No.	Date	Particular	Topic
1.	31-10-2016	Procession & Pledge	Procession & Pledge Against Corruption in University Campus
2.	24-01-2017	Workshop	National Girl Child Day
3.	30-03-2017	National Seminar	Problem, Protection and Perspective of Persons with Disability: Law & Policy

Future Plans of the Department (if any):

- It aims at setting up a Center for Socio-Legal Studies to promote the research, documentation, extension, and consultancy services.
- Department aims to constructively work for ameliorating human rights violations through its Legal Aid Clinic.
- A Legal Educational Hub is proposed by starting a number of legal, vocational, training institutions for students to develop comprehension in law, justice, governance and human rights through:
 - ❑ Legal Language Laboratory
 - ❑ Advocacy/pleading Skill,
 - ❑ Para-legal training,
 - ❑ Legal drafting Skill
 - ❑ Communication Skill
 - ❑ Skill up gradation,
 - ❑ Soft skills
- The Department proposes a Radio Station / Community Radio
- To disseminate legal awareness
- To bring justice at door
- Preparation of teaching material, printing booklets for public distribution, preparing a database of books, reports and monographs on human rights are among the future activities of the Department.
- In order to fulfill the needs of human rights law teaching and research in future, the Department proposes to develop a documentation Center with the requisite study materials.
- The Department proposes to invite eminent academicians and experts on human rights issues to deliver Lectures.
- The Department is very keen to introduce new specialized courses e.g. Intellectual Property Rights, Criminal Law and Studies on Women Empowerment on the availability of faculty members in the coming years.

Academic Activities of the Faculty

1. Awards & recognition

- Prof. Priti Saxena, Judge, Elocution Competition, organized by BBAU on 23-8-2016 during Yad Karo Qurbani, 70 years of Independence as a part of Freedom Struggle Celebrations.
- Prof. Priti Saxena, Guest of Honour in the Valedictory Session in the National Seminar on "Criminal Law: Emerging Dimensions"

organized by Faculty of Law, University of Lucknow, Lucknow on 12th November, 2016.

- Prof. Priti Saxena, Patron in National seminar on "Law and Ethics in Public Domain: Contemporary Issues and Challenges in India" organized by Centre for Professional Legal Research and Learning (Sociomers Foundation) and Department of Law, School for Legal Studies, BBAU, Lucknow on 23rd November 2016
 - Prof. Priti Saxena, Chief Guest on Constitution Day celebrations organized by Department of Legal Studies, Satellite Campus, BBA University, Tikarmafi, Amethi on 26th November, 2016 and Panelist on "Contemporary Issues in Law and Fundamental Duties"
 - Dr. Preeti Misra, Panel Judge in Essay/Poem/Slogan Writing Competition as a part of Freedom Struggle Celebrations held on 19 August 2016 in BBAU, Lucknow.
2. Members of Board/Committee
 - Dr. Rashida Ather **Member**, Editorial Board, Kahar: A Multilingual Magazine for Common People, Foundation for Science and Society, Lucknow
 - Dr. Rashida Ather **Member**, Editorial Board, Journal of Legal Research and Theories (JLRT) (An International Journal), Lucknow
 3. **Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017)**
Nil
 4. **Research Publication (s)**
 - a. **Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any)**
 - Dr. Preeti Misra, "Right to Health and Motor Vehicle Act, 1988" in "Dimensions of Health" (ed.) Rahul Patel and Rohit Misra, New Royal Book Co., Lucknow, 2016, Pp417-429 (ISBN: 978-93-83138-67-8)
 - Dr. Preeti Misra, "Status of Scheduled Tribe in India with Special Reference to Education and Health: An Appraisal" in "Social Exclusion and Inclusion, A Journey from Past to Present" (ed.) R.C. Sobti et al, Jaya Publishing House, Delhi, 2016, Pp 195-213
 - Dr. Preeti Misra, "Stri Hiton ko Sanrakhshit Karte Kanoon" (in Hindi) News Times Post, 1-15 August, 2016, Pp38-40
 - Dr. Shashi Kumar, "Democracy and Freedom in Ambedkar's Political Thoughts: Some Reflections" in Prof. RC Sobti and L.C.Mallaiah (ed.) The Contribution of Babasaheb Ambedkar for Development of Modern India, New Delhi:

Excel in India Pub., 2016.

- Dr. Rajeev Kumar Singh (Contractual), "Bharat Ratna Dr. B. R. Ambedkar's Contribution for Ensuring the Egalitarian Society in Making of the Constitution" (Sole Author) in Book titled "Dr. B.R. Ambedkar: An Ultimate Visionary of the Era," Narendra Pub. House, Edited By Prof. R.C. Sobti, Vice-Chancellor, BBAU Lucknow, 2016, Volume-1, ISBN No: 978-93-84337-30-8.
- Dr. Rajeev Kumar Singh (Contractual), "A Pre and Post Constitutional Appraisal of Marginalized in India with Special Reference to Scheduled Castes and Scheduled Tribes" (Co-Author) in book titled "Social Exclusion and Exclusion: A Journey from Past to Present". Jaya Publishing House Delhi, 2016 ISBN NO. 978-93-86110-22-0, Edited by Prof. R.C. Sobti, Vice-Chancellor, BBAU University, Lucknow.

b. Paper published

- Dr. Preeti Misra, "Right to Education: A Critical Evaluation of the Right of Children to Free and Compulsory Education Act 2009 in the light of 4 A's" in *Bharti Law Review*, Bharti Vidyapeeth Deemed University, New Law College, Pune, Vol. IV Issue 4, April-June, 2016, Pp180-197 (ISSN : 2278-6996) (Co-Author)
- Dr. Rashida Ather Published a paper titled "Maulana Abul Kalam Azad and Education" in *Kahar: A Multilingual Magazine for Common People*, Foundation for Science and Society, Lucknow, Vol. (1), Issue 3-4, July -Dec, 2016, ISSN NO. E-2395-9369.
- Dr. Rashida Ather Published a paper titled "**International Politics of Climate Change: A study of Issues and Challenges**" in *International Journal of Science, Technology and Society*, BBAU, Lucknow Vol. 2, Number 1& 2, December, 2016, ISSNNO. 2395-1605
- Dr. Shashi Kumar published a paper Titled "Political Representation of Women at Grass-root Level in India : A Study with Special Reference Panchayat Raj Institution in Uttar Pradesh" in *Ad Valorem : Journal of Law*, Vol. : 3, Issue 1, January March, 2016. (ISSN : 2348-5485)
- Dr. Shashi Kumar Published the Paper Title "Gender Justice in India with Reference to Constitutioanal Mandate an Judiciary Approaches : An Analytical Studyin Emerging Researchers in Vol. : 3, Issue IIInd, April-June, 2016 (ISSN : 2348-5590).
- Dr. Shashi Kumar Published Indeginous People in South Asia and International Law in J.N. Kaul,

Anupam Jha (ed.) *Shifting Horizon : A South Asia Perspective*, Springer India (International) Publication, 2017 (ISBN : 978-81-322-3722-8).

- Dr. Ragini Narain (Contractual) *Independence of Judiciary and Judicial Accountability in India: Emerging Researcher Research for all* (ISSN 2348-5590) Vol. 4:10-16 (2017)
- Dr. Ragini Narain (Contractual) *A Study of Empowerment of Women in India with Special Reference to Judiciary: AD Valorem Journal of Law* (ISSN 2348-5485) Vol. 4:6-12 (2017)
- Dr. Ragini Narain (Contractual) *Corruption in Judiciary, Judicial Accountability & Good Governance: AD Valorem Journal of Law* (ISSN 2348-5485) Vol. 3:87-91 (2016)
- Dr. Ragini Narain (Contractual) *Misuse of Section 498 A: Danger for Society: Emerging Researcher Research for all* (ISSN 2348-5590) Vol. 3:80-86 (2016)
- Dr. Pooja Rani (Contractual), "Role of Corporate Social Responsibility in Women Entrepreneurship Development". *Emerging Researcher Research for all*, volume 3, issue 4, October 2016, ISSN: 2348-5590.

c. National Conference/Journals/Paper presentation (if any)

- Dr. Shashi Kumar Presented a paper entitled, "Democracy and Freedom in Ambedkar's Political Thought: Some Reflections", in National Seminar on 'The Contribution of Babasaheb Ambedkar for Development of Modern India', organized by 'B B Ambedkar University, Lucknow, held on 13-14th April 2016.
- Dr. Shashi Kumar Presented a paper entitled "The Right to Sanitation and Peoples Health in reference to Uttar Pradesh" at one day Pre-XL Indian Social Science Congress Symposium on 'Peoples Health and Quality of Life in Uttar Pradesh' organised by IASS, King George's Medical University and State Takmeel ut-Tib College & Hospital' on 24th September, 2016.
- Dr. Shashi Kumar Presented a paper entitled, "Ethics, Human Dignity and Human Rights Values: Some Reflections", in National Seminar on 'Law and Ethics in Public Domain: Contemporary Issues & Challenges in India', organized by 'Dept of Law, B. B. Ambedkar University, Lucknow, held on 23rd November 2016.
- Dr. Shashi Kumar Presented a paper entitled, "Right to Health as Human Rights : Critical Analysis of Status of People's Health in Uttar

Pradesh", XL Indian Social Science Congress , organized by 'ISSA at University of Mysore, held on 19-23rd December 2016

- Dr. Shashi Kumar Presented a paper entitled, "Human Rights Movement of Persons with Disability in India: Issues and Concern", in National Seminar on ' Problem of Person with Disability: Issues and Concern', organized by ' Dept of Human Rights , BB Ambedkar University, Lucknow, held on 30th March 2016.
- Dr. Rashida Ather Presented a paper on "**Child Rights in India: Realities and Realization**" in National Seminar organised by All India Rights Organisation (AIRO), Lucknow in association with Babasaheb Bhim Rao Law College, Lucknow on the theme of "**Child Rights and Child Protection: A socio Legal Perspective**" held on 11 November, 2016
- Dr. Rashida Ather Presented a paper on "**Issue of Accessibility and Rights of Disabled Persons in India**" in one day National seminar, organised by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on "**Problem, Protection and Perspective of Persons with Disability: Law and Policy**", held on 30th March, 2017
- Dr. Rashida Ather Presented a paper on "**Social Issues of Surrogacy**" in one day National Seminar organised by Department of Law, School for Legal Studies, BBA University, Lucknow, on "**Surrogacy the Reproductive Technology: Socio legal and Ethical Perspectives**", held 24th March, 2017
- Dr. Rashida Ather Presented a paper on "**Surrogacy and Women's Right to Health**" in one day National Seminar organised by Department of Law, School for Legal Studies, BBA University, Lucknow, on "**Law and Ethics in Public Domain: Contemporary Issues and Challenges in India**", held 23rd November, 2016
- Dr. Rashida Ather Presented a paper on "**Politics as a Profession for Youth in India: Issues and Challenges**" in one day National Seminar organised by Department of Sociology, BBA University, Lucknow on the theme of "**Globalisation and Youth in India: Perspectives, Issues and Challenges**", held on 6-7 March, 2017
- Dr. Rashida Ather Presented a paper on "**Corporate Social Responsibility and Gender Equality at Work Place**" in two days National Seminar organised by Department of Political Science, BBA University, Lucknow on the theme of "**Gender Discrimination in Contemporary India: Issues and Challenges**" held on 11-12 February, 2017
- Dr. Ragini Narain (Contractual) Paper Presented on the Topic "Human Rights and Disabled Persons: Issue and Challenges in India" in One day National Seminar on "Problem, Protection and Perspective of Persons with Disability: Law & Policy organized by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow on 30th March 2017.
- Dr. Ragini Narain (Contractual) Paper Presented on the Topic "Legal Issues of Surrogacy in India" in One day National Seminar on "Surrogacy the Reproductive Technology: Socio-Legal & Ethical Perspective organized by Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow on 24th March 2017.
- Dr. Ragini Narain (Contractual) Paper Presented on the Topic "The Constitutional Provisions for Protection of Child Rights in India" in 11th National Seminar on "Child Rights and Child Protection: A Socio Legal Perspective" organized by All Indian Rights Organization (AIRO) Lucknow on 11th November 2016.
- Mr. Dharendra Vikram Singh (Contractual) Paper Presented in National Seminar on Surrogacy The Reproductive Technology: Social- Legal & Ethical Perspective Organized By Department of Law, BBAU The Paper entitled: Surrogacy and Women's Right to health in India.
- Mr. Dharendra Vikram Singh (Contractual) Paper Presented in National Seminar on Problem, Protection and Perspective of Persons with Disability: Law and Policy, organized by DHR, BBAU on the Paper entitled: Right to education for children with Disabilities.
- Ms. Shweta Trivedi (Contractual) paper presented in National Seminar on Surrogacy the Reproductive Technology: Social- Legal & Ethical Perspective Organized by Department of Law, BBAU on the topic: Surrogacy and Right to Parenthood in India: Issues and Perspective.
- Ms. Shweta Trivedi (Contractual) paper presented in National Seminar on Problem, Protection and Perspective of Persons with Disability: Law and Policy Organized by Department of Human Rights, School for Legal Studies, BBAU on the topic: Disability: Legal and Psychosocial Issues and Challenges in India.

- Dr. Pooja Rani (Contractual) Presented paper on “Issues and Challenges faced by Disabled Persons in India” in national seminar on “Problem, Protection and Perspective of Persons with Disability: Law & Policy, organized by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow on 30th March, 2017.
 - Dr. Pooja Rani (Contractual) Presented paper on “ Major Issues and Challenges of Surrogacy in India, in national seminar on “Surrogacy the Reproductive Technology : Socio-Legal & Ethical Perspective” organized by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow on 24th March, 2017.
 - Mr. Srajan Kumar Singh (Contractual) Presented a Research Paper on the topic “Role of Science and Technology in Fostering Adaptation and Inclusion for Persons with Disability” organized by Department of human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow.
- d. International Conference/Journal/Paper Presentation (if any)**
- Dr. Rashida Ather Co- paper presented on “**Bedil Ki shayari me Izhare Huqooqe Insani**” in an International Seminar on **Bedil** “organised by Bedil Foundation, New Delhi in association with Department of Farsi University of Lucknow, Held on 31st March, 2017
- 5. Participation in Orientation/Refresher Course /Workshop/ Seminar/ Conference (if any)**
- Dr. Preeti Misra, Co-Convenor of Panel ID 351 on the Topic: “Managing Cultural And Linguistic Diversity And Social Inequality” to be held in Dubrovnik, Croatia from 4th to 9th May 2016 by International Union of Anthropological and Ethnological Sciences’s (IUAES) Inter-Congress on the theme “World anthropologies and privatization of knowledge: engaging anthropology in public”
 - Dr. Preeti Misra Organizer of Elocution Competition as a part of “Freedom Struggle Celebrations” held on 23 August 2016 in BBAU, Lucknow
 - Dr. Preeti Misra Co ordinator of Poster Competition on the theme “Clean Campus Green Campus” as a part of “Swachh Bharat Pakhwara” in BBAU on 14 Sept. 2016
 - Dr. Preeti Misra, Co ordinator of workshop on “Waste Management” as a part of “Swachh Bharat Pakhwara” in BBAU on 15 Sept. 2016
 - Dr. Preeti Misra, Director National Seminar on “Child Rights and Child Protection: A Socio-Legal Perspective” organized by Baba Saheb Bhim Rao Ambedkar Law College and All Indian Rights Organization, Lucknow held on 11 Nov. 2016
 - Dr. Preeti Misra, Organizer of Elocution, Painting & Slogan Writing Competition on the occasion of National Girl Child Day , 24 January 2017 in Dept. of Human Rights, BBAU, Lucknow.
 - Dr. Rashida Ather Participation in one week Workshop on “Be Bold for Change: An Awareness Workshop for Ensuring Safety of Women” organised by Committee of Basic Facilities for Women, BBAU, Lucknow held on March 3rd to 9th , 2017.
 - Dr. Rashida Ather Participation in a one day workshop titled “Inculcating Leadership in Higher Education Through Digital learning, Assessment & Marking” organised by IQAC, University of Lucknow on 10th March, 2017.
 - Dr. Rashida Ather Organizing Secretary in one week Workshop on " Be Bold for Change : An Awareness Workshop for Ensuring Safety of Women" organized by Committee for Basic Facility for Women, BBAU, Lucknow held on March 3-9, 2017.
 - Dr. Rashida Ather Organizing Secretary in one week Workshop on, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on "Problem, Protection, and Perspective of Person with Disability : Law and Policy", held on 30th March, 2017.
 - Dr. Rajeev Kumar Singh (Contractual) actively participated in the One Day Human Rights Awareness cum Training Programme held on 25th March, 2017 at Dr. RML National Law University, Lucknow.
 - Dr. Rajeev Kumar Singh (Contractual) Participated and successfully completed Three Week Research Methodology Course from 05th January to 28th January, 2017 and obtained Grade- A, organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar Central University, Lucknow.
 - Mr. Dharendra Vikram Singh participated One Week Workshop On Be Bold For Change: An Awareness Workshop For Ensuring Safety Of Women - Organized by Committee of basic Facilities for Women, BBAU, Lucknow on 3-9 March 2017.
 - Ms. Shweta Trivedi participated One Week

- Workshop On Be Bold For Change: An Awareness Workshop For Ensuring Safety Of Women – Organized by Committee of basic Facilities for Women, BBAU, Lucknow on 3-9 March 2017.
- Mr. Srajan Kumar Singh (Contractual) Participated in Annual Conclave on “Employment Generation – Strategies and Action Agenda” organised by Lucknow Management Association, Lucknow.
 - Mr. Srajan Kumar Singh (Contractual) Participated in National Seminar on “Surrogacy the reproductive Technology: Socio Legal & Ethical Perspective” organized by Department of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on 24-03-2017.
6. Invited Speaker/Session Chaired in National/ International Conferences details (if any)
- Dr. Preeti Misra **Chaired a Session in National Seminar** on “Rights of Child and the Future of India” held in Amity University, Uttar Pradesh, Lucknow Campus on **26 September 2016**
 - Dr. Preeti Misra **Chaired a Session in National Seminar** on “Law and Ethics in Public Domain: Contemporary Issues and Challenges in India” Organized by Centre for Professional Legal Research and Learning (Sociomers Foundation) and Dept. of Law, School For Legal Studies, BBAU on **23 Nov. 2016**
 - Dr. Preeti Misra **Chaired a Session** in National Seminar on “Surrogacy, the Reproductive Technology: Socio-Legal & Ethical Perspectives” Organized by Dept. of Law, School For Legal Studies, BBAU on **24 March 2017**
 - Dr. Preeti Misra **Chaired a Plenary Session** in National Seminar on “Problem, Protection and Perspective of Persons With Disability: Law and Policy” Organized by Dept. of Human Rights, School For Legal Studies, BBAU on **30 March 2017**
 - Dr. Preeti Misra Special lecture on “Combating Violence against Women in India; Legal Measures” in Faculty of Law, Lucknow University, 26 August 2016
 - Dr. Preeti Misra In Legal Awareness Program for Women Organized by National P.G. College, Lucknow and Sponsored by National Commission for Women, New Delhi on 07 Sept. 2016 in Shri Ram Vilas Smarak Janta Inter Collge, Vill- Nasipur, Block- Siddhour, District - Barabanki
 - Dr. Preeti Misra In Legal Awareness Program for Women Organized by National P.G. College, Lucknow and Sponsored by National Commission for Women, New Delhi on 17 Sept. 2016 in Maharana Pratap Inter College, Barethi, Block- Dewa, District – Barabanki
 - Dr. Preeti Misra In Legal Awareness Program for Women Organized by National P.G. College, Lucknow and Sponsored by National Commission for Women, New Delhi on 23 Sept. 2016 in Shahjade Singh mahavidyalay, Vill- Atrauli, Block- Bharawan, District- Hardoi
 - Dr. Preeti Misra In Legal Awareness Program for Women Organized by National P.G. College, Lucknow and Sponsored by National Commission for Women, New Delhi on 27 Sept. 2016 in Government Girls Inter College, Block – Sandila, Distrct- Hardoi
 - Dr. Preeti Misra In Amity Law School, Amity University, Lucknow Campus on the occasion of International Women’s Day 8th march 2017.
 - Dr. Shashi Kumar delivered a “Expert Lecture” in Three Week Research Methodology Course (RMC-2017), organized by ‘ Department of Information Technology, B B Ambedkar University, Lucknow, held on 5-28th January 2017
 - Dr. Shashi Kumar chaired a Session a Technical Session in National Seminar on ‘ Problem of Person with Disability: Issues and Concern’, organized by ‘ Dept of Human Rights , B B Ambedkar University, Lucknow, held on 30th March 2016
 - Dr. Rashida Ather Lecture delivered on “**Introduction to Research Methodology**” in a Three Weeks Research Metrology Course organized by the department of formation Technology, BBAU, Lucknow from 05th January to 28th January, 2017.
 - Dr. Rashida Ather Chaired a session in one day National Seminar organised by Department of Law, School for Legal Studies, BBA University, Lucknow, on “Surrogacy the Reproductive Technology: Socio legal and Ethical Perspectives”, held 24th March, 2017.
 - Dr. Rashida Ather Chaired a session in one day National seminar, organised by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on “Problem, Protection and Perspective of Persons with Disability: Law and Policy”, held on held 30th March, 2017.

7. Research Guidance

Sl. No.	Name	Title	Supervisor	Status
1.	Baij Nath	Rehabilitation of The Internally Displaced Persons: A Socio-Legal Study With Special Reference To Kashmiri Displaced Persons	Dr. Preeti Misra	Awarded
2.	Mukesh Bharti	Socio-Legal Study of Sexual Minorities With Reference To Indian Criminal Justice System In Human Rights Perspective	Dr. Preeti Misra	Awarded
3.	Vikash Kumar Upadhyay	A Legal Study of Emerging Dimensions of Land Acquisition Laws In India	Dr. Preeti Misra	Awarded
4.	Neetu	Problems & Perspectives of Surrogacy: A Legal Study With Special Reference To Reproductive Tourism	Prof. Priti Saxena	Awarded
5.	Vijay Kumar Bhaskar	Withdrawal from Prosecution And Victim Rights: A Comparative Study of India, USA And UK	Dr. Preeti Misra	Submitted on 13/06/2016
6.	Ravindra Kumar	Legal Framework and Policies With Regard To Educational Development of Children: A Critical Evaluation	Dr. Preeti Misra	Submitted on 23/12/2016

8. Membership/Fellowship of Professional/Academic Bodies (if any)

- Dr. Preeti Misra Life member of Indian Society of Criminology (ISC), Chennai (**Membership No. 1324**)
- Dr. Preeti Misra Life member of Indian Society of Victimology (ISC), Chennai
- Dr. Preeti Misra Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay(**Membership ID 292**)
- Dr. Preeti Misra Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (**Membership No. L85**)
- Dr. Preeti Misra Life member of Vidhi Bharti Parishad, New Delhi, (**Membership No. 185**).
- Dr. Preeti Misra **Ordinary member** of Indian Law Institute, New Delhi, (**Membership No. O 4089**)
- Dr. Preeti Misra **Associate member** of Indian Society of International Law. New Delhi, (**Membership No. A45**)
- Dr. Preeti Misra Honorary Member, *Naina Dayal Foundation* NGO (Registered), organising

awareness and sensitization programmes on HIV/AIDS and Human Rights issues.

- Dr. Preeti Misra Associate Editor of The Social Ion (**An International Refereed Journal**), Published by Pt. Govind Mohan Misra Smriti Sansthan, Lucknow
- Dr. Preeti Misra Editor of on line Journal Findings in Research-Journal of AIRO-NDF, published by Naina Dayal Foundation, Lucknow ISSN 2349-0284.
- Dr. Shashi Kumar Executive Councilor, Member in Indian Social Science Academy, Allahabad.
- Dr. Rashida Ather Life Member, Indian association for Social Sciences and Health.
- Dr. Rashida Ather Life Member, All India Rights Organisation (AIRO), Lucknow
- Dr. Rashida Ather Life Member, Indian Academy of Social Sciences, Allahabad
- Dr. Rashida Ather Member of Institutional Ethics committee for stem cell research and therapy, Department of Stem cell and regenerative medicine, Sushma Hospital, Lucknow

DEPARTMENT OF LAW

Introduction of the Department

The Department of Law started from Session 2008-09 within the School for Legal Studies offering four-Semester LL.M 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 and Bio-technology, Information Technology Law, ADR and Arbitration Law, Cyber Laws, International Trade Law etc. Further constant efforts are made to develop a taste amongst the students in the current areas of national international issues relating to climate change and disarmament (nuclear weapons) are deliberated in Seminars and Conferences with the objective to sharpen their argument and develop legal reasoning.

Objective

- To evolve and impart comprehensive legal education and to achieve excellence.
- To produce able, competent and humane, Teachers, lawyers, social activist, judicial officers, legal adviser in governmental and non-governmental organization.
- To promote advance studies and research in all branches of law
- To inculcate cultural, legal and ethical values with a view to foster the rule of law and the objective enshrined in the constitution of India.
- To empower the citizen through legal awareness by making them aware of their rights and duties.

The department is going to open different Centre's of excellence in area of Law and Governance, Environmental Law, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

Academic Profile (Teaching and Research)

Department has one Associate Professor and three Assistant Professors at present. Faculty members are having different specialization in Laws and thus enriching the inter-disciplinary, comprehensive and multidimensional curriculum and research programme.

Faculty Details

Name	Designation	Qualification	Area of Specialization
Prof. Sudarshan Verma	Head, Professor	LL.M., Ph.D. (Kumaun University, Nainital)	Constitutional Law, Law of Torts, Administrative Law, Women and Law.
Ms. Sufia Ahmed	Assistant Professor	LL.M. , Ph.D (NET-JRF)	Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.
Dr. Anis Ahmad	Assistant Professor	LL.M. , Ph.D (NET)	Environmental Law, Jurisprudence, Intellectual Property Law.
Dr. Pradeep Kumar	Assistant Professor	LL.M. , Ph.D (NET)	Criminal Law, Administrative Law Intellectual Property Law,.
Dr. Mujibur Rehman	Assistant Professor	LL.M. , Ph.D (NET)	Criminal Law, Human Rights, Cyber Laws, Administrative Law

Departmental Level Academic Activities

- i) **STUDENT'S ACADEMIC FORUM:** Department of Law, School for Legal Studies BBAU, Lucknow initiated Law Student's Academic Forum in the year 2012.

The forum aimed 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 of 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*.

Detail Activities in the Session 2016-17

Discussion and Debate Programmes were organized by Students Academic forum of the department on the following dates and topics:

1. Celebration of **World Earth Day**, 22 April, 2016
2. Organized a Mini-Seminar on the topic "**Importance of Wetlands and Sustainable Development**" on 02 Feb, 2017 on occasion of World Wetlands Day.
3. Organized a Mini Seminar on the topic "**Democracy and Electoral Politics: with reference to upcoming election in U.P.**" on 06 February 2017.

- ii). **Community Legal Literacy and Consultancy/ Mediation Cell (CLLCM):** The Department has established a **Community Legal Literacy and Consultancy/ Mediation Cell (CLLCM)** in the Deptt. 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 was 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 judgments, and articles on various socio-legal issues. The observations made by the judges in various cases are placed which keep students updated

Courses Offered:

1. LL.M. (Two Year Course)
2. Ph.D.

Visitors of the Department

1. Prof. Philippe Cullet, Professor of International and Environmental Law and Development of Centre at the School of Oriental and African Studies- University of Landon.
2. by Prof. S.D. Sharma, Professor of Law, Dean, Faculty of Law, Kumaun University Nainital, Campus Almora
3. Prof. R.N. Choudhary former Head & Dean, Department of Law, Gorakhpur University, Gorakhpur.
4. Prof. Sudhir Kumar, Professor, DES- Multidisciplinary Research Centre, Punjab University, Chandigarh.

Accomplishment of the Students

- **One student Peshkar Kumar has been appointed in U.P. Government in 2016**
- **One Student Manu Ji Upadhyay has been selected CBI Inspector in 2016**
- **Nine (09) Students have been appointed as Judicial Officers in Uttar Pradesh and Bihar. In 2016-17**
 - ❑ Harkiran Kaur:
 - ❑ Nitisha Singh
 - ❑ Sawan Kumar Vikas
 - ❑ Vijay Bhan
 - ❑ Avinash Chandra Gautam
 - ❑ Prafull Kumar Chaudhry
 - ❑ Lallan Ji
 - ❑ Balwant Bharti
 - ❑ Shailesh Kumar Maurya

Two (02) Student have been appointed as Assistant Public Prosecutor (APO).

- Satish Shukla
- Rajiv Kumar
- More than 10 Students are Advocates in Various High Courts
- More than 15 students are pursuing Ph.D. from BBAU, BHU, Allahabad University, and Delhi University etc.

Faculty wise Supervision of the Ph.D./LL.M.

i). Prof. Sudarshan Verma

Ph.D. 04

LL.M. Dissertation supervised: 04

ii). Dr. Sufiya Ahmed

Ph.D. 03

LL.M. Dissertation supervised: 04

iii). Dr. Anis Ahmad

Ph.D. 03

LL.M. Dissertation supervised: 04

iv). Dr. Pradeep Kumar

Ph.D. 03

LL.M. Dissertation supervised: 05

Co-curricular/ Extra-curricular/ conferences event organized by the Department

i) Lectures organized by the Department:

1. Prof. R.N. Choudhary former Head & Dean, Department of Law, Gorakhpur University, Gorakhpur 27 May 2016
2. Prof. S.D. Sharma, Professor of Law, Kumanun University Nainital, Campus Almora, 01 September 2016.
3. Prof. Sudhir Kumar, Professor, DES-Multidisciplinary Research Centre, Punjab University, Chandigarh, 06 February 2017.

ii) Seminar organized by the Department

- a. Organized a National Seminar on "Law and Ethics in Public Domain: Contemporary Issues & Challenges in India" on 23rd November 2016.
- b. Organized a National Seminar on "Surrogacy,

the Reproductive Technology: Socio-Legal & Ethical Perspectives" on 24th March 2017.

Future plans of the Department, if any

1. The department has proposed to start 2 years LL.M. (Evening Course) for professionals.
2. The department is going to open different Centre's of excellence in area of Law and Governance, Center for Sustainable Development, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

Academic Details/activities of the Faculty of your Department under the following heads:

Academic Details/activities of Prof. (Dr.) Sudarshan Verma

Research Publication (s)

Book Chapter:

1. Published a Chapter titled "A Souvenir of the Codification of Independence and the Seminal Role of Dr. Ambedkar" in a book "Dr. B.R. Ambedkar an Ultimate Visionary of the Era", First Edition-2016, Publication- Narendra Publication House, Delhi. (Co-author-Prof. Priti Saxena)
2. Published a Chapter titled, "Social Exclusion of Scheduled Castes, Inclusive Measures and its Implications" in a book, "Social Exclusion and Inclusion: A Journey from Past to Present", First Edition-2016 Publication- Jaya Publishing House, Delhi. (Co-author-Prof. R.C. Sobti)
3. Published a Chapter titled, "Ambekar's View on Women," in a book Original Thoughts and speeches of Babasaheb Dr. B.R. Ambedkar, Publication- Jaya Publishing House. First Edition-2017 Publication- Jaya Publishing House, Delhi.

Edited Reference Books

1. Prof. Sudarshan Verma, Books name- Dr. B.R. Ambedkar an Ultimate Visionary of the Era, First Edition-2016, Publication- Narendra Publication House, Delhi. (Second Author)
2. Prof. Sudarshan Verma, Books name- Social Exclusion and Inclusion: A Journey from Past to Present, First Edition-2016 Publication- Jaya Publishing House, Delhi. (Fourth Author)

3. प्रो० सुदर्शन वर्मा, शिक्षा के संदर्भ में: बाबासाहेब भीमराव अम्बेडकर का दृष्टिकोण शिक्षकों एवं शिक्षकों एवं शिक्षाविदों के लिए संदेश, प्रथम संस्करण, 2016, प्रकाशक: जया पब्लिशिंग हाउस, दिल्ली। (Third Author)
4. Prof. Sudarshan Verma, Books name- Original Thoughts and speeches of Babasaheb Dr. B.R. Ambedkar, Publication- Jaya Publishing House. First Edition-2017 Publication- Jaya Publishing House, Delhi. (Fifth Author)

National Conference/Journals/Paper Presentation

1. Presented a Paper on "**Law and Ethics in Public Domain**" in one day National Seminar on 23rd November 2016 on Law and Ethics in Public Domain: Contemporary Issues & Challenges in India organised by the Department of Law, School for Legal Studies, BBAU, Lucknow.
2. Presented a Paper on "**Right to Health of Surrogate Mother and Child: Issues and Challenges**" in one day National Seminar on 24th March 2017 on Surrogacy the Reproductive Technology: Socio-legal ethical Perspective, organised by the Department of Law, School for Legal Studies, BBAU, Lucknow.
3. Presented a Paper on "Right to Differentially Able Persons: Some Socio-Legal Challenges" in National Seminar on 30th March 2017 on Problems, Protection and Perspective of Persons with Disability: Law & Policy organised by the Dept. of Human Rights, School for Legal Studies, BBAU.

Research Guidance

- i). Ph. D. Submitted and Awarded in 2016-2017
 - 1 Ms. Shakuntala Devi,
 - 2 Mr Pankaj Kumar Rawat, on Extra judicial Killing By Police Personals and Military Forces.
 - 3 Mr. Sateyendra Kumar, worked on Conservation of Ground Water: Law and Policies in India

Thesis Submitted 2016-2017

1. Mr. Brijendra Singh Panwar worked on Legal Regime for Combating Corruption : A Comparative Study of U.K., USA, and India
2. Raj Kumar Paricheta working on A Constitutional and Legal Study of Judicial Accountability in India with Special Reference

to the Judicial Standards and Accountability Bill, 2010

- i) Membership/Fellowship of Professional/Academic Bodies
 - Life Member Indian Association for Social Sciences and Health (IASSH)
 - **Member Academic Council** of B.B.A. University, Lucknow since 8-4-2009 – till date
 - **Dean Student Welfare (Women)**, B.B.A. University Lucknow
 - **Member Building Committee**, B.B.A. University Lucknow in capacity of dsw (w)
 - **Member**, Library Committee, B.B.A. University, Lucknow
 - **Member, Internal Complaint** B.B.A. University, Lucknow Till September 2016
 - **Member SC/ST Advisory Committee**, B.B.A. University Lucknow
 - **Member School Board**, School for Legal Studies, B.B.A. University, Lucknow since 4-5-2009 to till date.
 - **Chairperson** Board of Post Graduate studies, Deptt. Of Law in B.B.A. University Lucknow
 - **Chairperson** Department Research Committee, Deptt. Of Law in B.B.A. University Lucknow
 - Chairperson Admission Committee of the Deptt of Law, B.B.A. University Lucknow
 - Member Admission Committee of the CPGLS, B.B.A. University Lucknow
 - Member Screening Committee for CAS, B.B.A. University Lucknow
 - Member of Committee for Statutory Amendment, B.B.A. University Lucknow
 - Various other Committees of the University, B.B.A. University Lucknow

Academic Details/activities of Dr. Sufiya Ahmed

Research Publication

1. Published a Paper Title "Regulating Conception : A Medico-Legal Analysis of Assisted Reproductive Technology" in International

Journal of Innovative Social Science and Humanities Research, Vol. (4), No. 1, January-March, 2017 (ISSN : 2349-1876) (Print)/ISSN:2454-1826 (Online)

Session Chaired/Co-Chaired

1. Chaired a Session in one day National Seminar on 11th November, 2016 on "Child Rights and Child Protection : A Socio-Legal Perspective" organised by All India Rights Organisation and Baba Saheb Bhimrao Ambedkar Law College, Lucknow.
2. Chaired a Session in one day National Seminar on 23rd November, 2016 on "Law and Ethics in Public Domain" organized by Department of Law, School for Legal Studies, BBAU, Lucknow.
3. Chaired a Session in one day National Seminar on 24th March, 2017 on "Surrogacy, the Reproductive Technology : Socio-Legal An Ethical Perspective, organized by Department of Law, School for Legal Studies, BBAU, Lucknow.
4. Chaired a Session in one day National Seminar on 30th March, 2017 on "Problem, Protection and Persepective of Person with Disability : Law and Policy, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow.

Lecture Delivered

1. Lecture delivered on "Awareness Lecture on Rights on Women in Law" in November 2016 in the Sanghmithra Girls Hostel, BBAU, Lucknow.
2. Lecture delivered on Copyright, Fair use of an Plagiarism in the 3 weeks Research Methadology Course, (RNC -2017) from January 5, 2017 to January 28, 20-17 organized by Department of Information Technology, BBAU, Lucknow.

Membership of Academic Bodies

1. Life Member All India Rights Association, Lucknow
2. Member, Editorial Committe, Azad Academy Journal, Lucknow

National Conference/Journals/Paper Presentation (if any)

1. Presented a paper on "**Inter-Country Adoption: Special Reference to India**" in one day national seminar on 11th November 2016 on Child Rights and Child Protection: A Socio-Legal Perspective organized by All India Rights Organisation and Babasaheb Bhimrao Ambedkar law college,

Lucknow.

2. Presented a Paper on "**Surrogacy in India: Ethical issues and challenges**" in one day National Seminar on 23rd November 2016 on Law and Ethics in Public Domain: Contemporary Issues & challenges in India organised by the department of Law, school for Legal Studies, BBAU, Lucknow.
3. Presented a Paper on "**Surrogacy and Assisted Reproductive Technology: An Ethical Legal Analysis**" in one day National Seminar on 24th March 2017 on Surrogacy the Reproductive Technology: Socio-legal ethical Perspective, organised by the department of Law, school for Legal Studies, BBAU, Lucknow.
4. Presented a Paper on "**Mentally Disabled People: Protection in Law**" in National Seminar on 30th March 2016 on Problems, Protection and Perspective of Persons with Disability: Law & Policy organised by the Dept. of Human Rights, School for legal Studies, BBAU.

Research Guidance (if any)

1. 03 Three research scholars have been enrolled under my supervision.
2. 03 LL.M. Dissertation supervised
Google Scholar Profile (if available) : <https://scholar.google.co.in/citations?hl=en&imq=Sufiya+Ahmed&user=KDaqVJcAAAAJ>

Academic Details/activities of Dr. Anis Ahmad

Research Publication (s)

Paper Publication:

1. Badruddin & Anis Ahmad, "Human Rights and Empowerment of Person with Disabilities: A Re-examination of Law Judicial Trends in India, XVI *MD University Law Journal* (2016) ISSN 2230 - 746X.
2. Anis Ahmad, "Importance of Clinical Legal Education in India: A Revisit" Vol.XLIII Issue No.04 *Indian Bar Review, New Delhi, (Oct-Dec, 2016)*.
3. अनीस अहमद, "मानवीय अधिकार के रूप में जल की उपलब्धता में महिलाओं की भूमिका: एक सहजीवी सम्बन्ध" निर्णयन, (2017) राजभाषा पत्रिका, बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ

National Conference/Journals/Paper Presentation

1. Co-organizer of the Workshop on 'Implementing the Right to Sanitation in Uttar Pradesh' jointly organized by the Water Supply and Sanitation Collaborative Council (WSSCC), Centre for Policy Research (CPR), Environmental Law Research Society and Babasaheb Bhimrao Ambedkar University Lucknow, on August 11, 2016.
2. Presented paper on "Role of National Commission for Protection of Child Rights: A critical Assessment" in National Seminar on Child Rights and Child Protection: A Socio-Legal Perspective on 11th Nov,2016 organized by All Indian Rights Organization in Association with Baba Saheb Bhim Rao Ambedkar Law College, Lucknow .
3. Presented paper on "Environmental Ethics and Sustainable Development: Some Reflections in Contemporary context" in one day National Seminar " Law and Ethics in Public Domain: Contemporary Issues & Challenges in India" 23rd Nov 2015 organized by Department of Law, SLS,BBAU, in Association with Sociomers Foundation, Lucknow,
4. Presented a paper on " Role of Women and Human Rights to Water in India: An Analysis in the context of Sustainable Development Agenda 2030" in Two days National Seminar on Gender Discrimination in Contemporary India: Issues & Challenges" 11-12, Feb, 2107 organized by Department of Political Science, BBAU, Lucknow.
5. Presented paper on " Impact of Globalization on Health and Well-being of Youth in India: An Analysis in the context of Sustainable Development Agenda 2030" in two days **National Seminar** on " Globalization and Youth in India: Perspectives, Issues and Challenges" 06-07 March, 2017 organized by Department of Sociology , SAS,BBAU, Lucknow.
6. Presented paper on "Surrogacy Bill 2016: A Critical Analysis" in one day National Seminar "Surrogacy the Reproductive Technology : Socio-Legal & Ethical Perspective" 24th March 2017 organized by Department of Law , SLS,BBAU, Lucknow,
7. Presented a paper on " Protection and Promotion of the Rights of Persons with Disabilities in India: An Analysis in the context of and Sustainable Development Goals" in one day National

Seminar on Problem, Protection and Perspective of Persons with Disability: Law and Policy on 30th March, 2107 organized by Department of Human Rights, SLS,BBAU, Lucknow.

Lecture delivered/ Session Chaired in National and International Conference Details

1. Lecture delivered on "Research Scenario in India: Need for Reform" Research Methodology Course/ workshop 17th January 2017 organized by the by Department of Information Technology, BBAU, Lucknow.
2. Co. Chair one session in National Seminar on "Globalization and Youth in India: Perspectives, Issues and Challenges" 06-07 March, 2017 organized by Department of Sociology, SAS, BBAU, Lucknow.

Research Guidance

Three research scholars have been enrolled under my supervision.

LL.M. Dissertation supervised: 02

Membership/Fellowship of Professional/Academic Bodies

- Life Member All India Law Teachers Congress, New Delhi
- Member Advisory Board CURE (Clean up & Recycles for Environment) NGO based in Jaipur (Rajasthan).
- Warden(Maintenance) , Siddhartha Boys Hostel,B.B.A. University Lucknow
- Member Admission Committee of the Deptt of Law, B.B.A. University Lucknow
- Member Admission Committee of the CPGLS, B.B.A. University Lucknow
- Various other Committees of the University, B.B.A. University Lucknow

Academic Details/activities of Dr. Pradeep Kumar

National Conference/Journals/Paper Presentation

1. Presented paper on "The Effect of Naxalism on Child Rights" "Child Rights and Child Protection: A Socio-Legal Perspective" One day National Seminar on 11th November 2016" Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow.
2. Presented paper on "Protection of Geographical Indications with Special Reference to India" Law and Ethics in Public Domain: Contemporary Issues & Challenges in India. One day National Seminar on 23rd November 2016" Department of

Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow.

3. Presented paper on "Youth Delinquency and its Psychological Treatment " "Globalisation and Youth in India. Two days National Seminar on 6-7 March 2017" Department of Sociology, Babasaheb Bhimrao Ambedkar, University, Lucknow.
4. Presented paper on "The Socio-Legal Challenges of Surrogacy" "Surrogacy the Reproductive Technology: Socio-Legal & Ethical Perspective." One day National Seminar on 24th March 2017" Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow.
5. Presented paper on "Right to Education for Persons with Disabilities in India: A Legal Study" "Problem, Protection and Perspective of Persons with Disability: Law & Policy." One day National Seminar on 30th March 2017 Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow..

Research Guidance

1. 03 research scholars have been enrolled
2. 03 LL.M. Dissertation supervised

Membership/Fellowship of Professional/Academic Bodies (if any)

1. Life Member All India Law Teacher's Congress

Academic Details/activities of Dr. Mujibur Rehman

National Conference/Journals/Paper Presentation

1. Presented paper on "Honour killings in India: Some reflection on legal issues" in National Seminar on " Law and Ethics in Public Domain: Contemporary Issues & Challenges in India" 23rd Nov 2016 organized by Department of Law, SLS,BBAU, in Association with Sociomers Foundation, Lucknow,
2. Presented paper on "Surrogacy and Women's Right to Health in India: Issues & Perspective" in one day National Seminar "Surrogacy the Reproductive Technology : Socio-Legal & Ethical Perspective" 24th March 2017 organized by Department of Law , SLS,BBAU, Lucknow
3. Presented a paper on " Problems and causes of Social recognition of the rights of disabled persons : A Legal Study" in one day National Seminar on Problem, Protection and Perspective

of Persons with Disability: Law and Policy on 30th March, 2107 organized by Department of Human Rights, SLS,BBAU, Lucknow.

Dr. Sufiya Ahmad

Research Publication

1. Published a paper titled "Regulating Conception : A Medico-Legal Analysis of Assisted Reproductive Technology" in International Journal of Innovative Social Science & Humanities Research, Vol. (4) : No. 1, Jan-Mar, 2017 ISSN : 2349-1876 (Print) | ISSN : 2454-1826 (Online)

Session chaired/co-chaired

1. Chaired a Session in one day national seminar on 11th November 2016 on Child Rights and Child Protection : A Socio-Legal Perspective organised by AI India Rights Organisation and Babasaheb Bhimrao Ambedkar Law College, Lucknow.
2. Chaired a session in the one day National Seminar on 23rd November 2016 on Law & Ethics in Public Domain organised by Department of Law, School for Legal Studies, BBAU.
3. Chaired a session in the one day National Seminar on 24th March 2017 on Surrogacy, the Reproductive Technology : Socio-Legal & Ethical Perspective organised by Department of Law, School for Legal Studies, BBAU.
4. Chaired a session in the one day National Seminar on 30th March 2017 on Problem, Protection and perspective of Persons with Disability : Law & Policy organized by Department of Human Rights, School for Legal Studies, BBAU.

Lecture Delivered

1. Lecture delivered on "Awareness Lecture on Rights of Women in Law" in November 2016 in the Sanghmitra Girls Hostel, BBAU, Lucknow.
2. Lecture delivered on Copyright, Fair use and Plagiarism in the 3 Weeks Research Methodology Course (RMC-2017) from January 5, 2017 to January 28, 2017 organized by the Department of Information Technology, BBAU, Lucknow.

Membership of Academic Bodies

1. Life Member All India Rights Organization, Lucknow
2. Member, Editorial Committee, Azad Academy Journal

SCHOOL FOR MANAGEMENT STUDIES

The school for Management Studies (SMS) started in the university in the year 2010. The School endeavors to produce professionally competent and socially sensitive managers to contribute to fulfill the managerial needs at regional, national and global levels. There are innumerable management departments, schools and institutes that impart management education, and their emphasis is on providing mainly professional skills and training. However, this School aspires to provide quality professional skills along with social sensitivity to the students so that they could succeed professionally and also contribute to the development of the marginalized

sections of the society. The professional competence of academicians and their value added moorings enable students which would facilitate their career growth, job satisfaction and social fulfillment. Currently, the School has Department of Rural Management which offers two –year MBA in Rural Management, MBA in Human Resource, Marketing Management, Media business Management and Ph.D. and M.Phil Programs. More departments and courses would be added to the School in the coming years with an emphasis on quality professional education and noble valuation moorings.

DEPARTMENT OF RURAL MANAGEMENT

The Department of Rural Management under School for Management Studies (SMS) was established in the year 2010. The main objective of the School is to produce Socially, Culturally and Economically sensitive leaders in the field of Management and particularly in the world of Rural Management. India still being the largest agriculture based economy needs high skilled manpower to cater to the needs of farmers, agro based industries, NGOs, and other rural financial sectors. The School is bestowed with rich legacy of successful 8 years. Contemporary Doctoral, Postgraduate and Undergraduate courses pertaining to Business administration are run in this department. The various courses offered in the department are Ph.D., M.Phil, and MBA under various disciplines, BBA, B.Com (Hons.). The thrust of the program is focused on quality teaching and research in management sphere. The objective of the department has always been to create a niche in management education. The teaching pedagogy is at par with best practices comprising of Case studies, Presentations, Industry Interaction, Projects etc. enabled with Audio-visual and field-based studies. The department has well experienced faculty with expertise in different aspects of business studies. The department regularly conducts curricular and extracurricular activities. Management Quiz, Extempore, Management Skits, Management Games, Cultural and Sports events are conducted for multifaceted development of young managers being groomed in department.

Citation Index of the Department: 5.15

Department Level Academic Activities: Teaching, Research, Extension and Development

Courses offered/New Courses: MBA (Rural Management), BBA, B.Com (H), MBA (HR, MKTG, Finance), M.Phil. , Ph.D.

Visitors to the Department: Renowned Professors from Different Universities.

Accomplishments of Students:

1. Two students have won first Prize in Business quiz Competition Organised by NIPM, Lucknow championship.
2. Students have participated in inter university co-curricular activities and won medals.
3. First PhD student of the Department is appointed as Asst. Professor, Central University of Jammu
4. Two other PhD students of the Department are teaching as Contractual /guest faculty in Management subjects in Department of Human Rights of BBAU and other Private university.
5. Campus Placement for MBA students was successfully done in May, June and July.2017.
6. Several other MBA Students of The Department got placement in Public sector banks as POs.
7. Students participated in sports activities organised by the University ad won medals.

Students of MBA programmes are undergoing internship at reputed organisations.

Faculty wise Supervision of the Ph.D. and M.Phil. Student:

Sr. No.	Faculty Name	No. of Ph.D. Students	No. of M.Phil Students
1.	Dr. M.S. Khan	6	9
2.	Dr. Kushendra Mishra	6	8
3.	Dr. Abhilash Babu	4	6
4.	Dr. Taruna	4	6
5.	Dr. Ramesh Chaturvedi	2	3

Co-curricular/Extra-Co-curricular/conferences event organised by the Department:

- 15th Days National Workshop on Research Methodology 11th Jan-25th Jan 2017.

Future plans of the Department, if any:

- Publication of Management Journal
- Proposed Research Project from ICSSR
- Workshop on SPSS and Research Methodology.

Academic details/activities of the Faculty of your Department under the following Heads:

- **Award & Recognition(if any):** One (Best Professor in Rural Management to Dr.M.S.Khan)
- **Members of Board/Committee (outside BBAU):** Dr. M.S. Khan DRC/ BPGS at Jauhar University Rampur.
- **Details of the Project Sanctioned/Executed (During 01.04.2016 to 31.03.2017):** One Research Methodology Workshop by ICSSR, New Delhi

Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any).

Sr. No.	Faculty Name	Book Chapter
4.	Dr. Ramesh kumar Chaturvedi	1. Review of Demonetization in India: A Study on Media based reports; (2017) Modernisation in Society Upcoming Trends, Sera Book Publication., Gujrat, ISBN-978-1-73035-617-9, 2017

Paper Published (Journal)

1. Dr.M.S.Khan	<ol style="list-style-type: none"> 1. Siddiqui A.Urooj & Khan, M.S. (2017). An exploratory Study on Effects of Demographic Factors on Consumer Satisfaction and its Determinants in E-Retailing. Management Studies and Economic Systems (MSES). Vol.3(3).159-171. Winter 2017. ISSN:2408-9583 1. Siddiqui A.Urooj & Khan, M.S. (2017). An Empirical Study on Determinants of Purchasing Behavior in Online Retailing. Imperial Journal of Interdisciplinary Research (IJIR). Vol.3(5).883-892. e-ISSN:2454-1362 2. Siddiqui A.Urooj & Khan, M.S. (2017). Perceived benefits of E-Retailing and Impact of Demography: An Empirical Study on Gen-Y Customers in Lucknow. Gurukul Business Review (GBR). Vol.13(1).73-84. p-ISSN:0973-1466, e-ISSN:0972-9262 3. Siddiqui A.Urooj & Khan, M.S. (2017). Antecedents of E-Satisfaction in Online Retailing: An Empirical Study. Management Dynamics. Vol.16(2).13-28. p-ISSN:0972-5067 4. Rastogi Ekta & Khan M.S. (2017). Role & Challenges of Green Marketing and its effect on Consumer Buying Behavior focusing Retail Outlets with special Reference to Lucknow, India. Amity Management Review. Vol.5 (1).41-46. p-ISSN:2230-7230 5. Khan M.S. & Zaheer Azmee (2017) A Study of Celebrity Endorsement of Event Managementship on Pre-Purchase Evaluation in India and its Impact on Sales. International Journal of Commerce and Management Research. Vol.3 (1).14-17. p-ISSN: 2455-1627 6. Rastogi Ekta & Khan M.S. (2017). A Study of New Age Challenges for Green Marketing Practices in India. National Journal of Advanced Research. Vol.3(1).05-07. p-ISSN:2455-216X
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Dr. Kushendra Mishra	1. Pushkar Sudhakar, Brijesh Kumar Yadav & Dr. Mishra Kushendra (2017): An Analytical study of promotion of Self Help Groups in India by Active Role of Microfinance (RRBs), International Journal of Scientific Research and Education, vol1.5, No.7, ISSN: 2321-7545.
Dr. Abhilash Babu	<ol style="list-style-type: none"> 2017. Community Participation or Manufactured Consent?: Strategies for implementation of drinking water project, "Jalanidhi" in Kerala (India) International Journal Of Rural Management,(SAGE). 2017. Why Do Developmental Projects Fail? Explaining the Unintended Consequences of Participatory Development Project in Kerala, India, in, Balan P.P et al, Marginalization and Deprivation: Studies on Multiple Vulnerabilities, Kerala Institute of Local Administration, Thrissur. 2017. Notes on flexible specialization and feminisation of labour, Indian Journal of commerce & management studies, July 2017 2017. Politics of decentralised governance: The case of participatory rural drinking water supply in Kerala, Researchers world, July 2017 2017, From Technocracy to Free Market?: Reforms in Rural Drinking Water Sector in India, International Journal of Applied Research
Dr. Taruna	1. "A study on foreign direct investment: Post-liberalization impact of FDI on Indian economy" published in International Journal of Academic Research and Development 2017;(1) : 116-123 (January 2017) ISSN 2441-971F:5.22

National Conference/ Paper Presentation (if any)

Faculty Name	Title
1. Dr.M.S.Khan	<ol style="list-style-type: none"> Khan M.S. (2017, May). A Study of Green Marketing Strategies that influence the New Millennium at an Annual Conference at National Institute of Personnel Management -U.P. Chapter. Khan M.S. (2017, March). Role of Goods & Service Tax (GST) Act in Attracting Foreign Direct Investment (FDI) at a National Seminar on Goods & Service Tax: Issues & Challenges at KMCUAF University, Lucknow. Khan M.S. (2017, March). A Study of Impact of GST on Indian Economy at a National Seminar on Goods & Service Tax: Issues & Challenges at KMCUAF University, Lucknow. Khan M.S. (2017, February). Corporate Social Responsibility (CSR): An Emerging Mechanism for Sustainable Socio-Economic Development at a Three Days 17th International Business Horizon INBUSH ERA World Summit at Amity University Noida, Uttar Pradesh.
3. Dr. Taruna	<ol style="list-style-type: none"> Presented paper in National Seminar on Managerial Effectiveness through Managing Expression and Actions: Issues, Challenges, and presented paper titled "Role of Communication in Effectiveness of Management" organized by Department of Commerce, Sri JNPG College on 19 April 2017. Presented paper in National Seminar on Problem, Protection and Perspective of Persons with Disability: Law & Policy and presented paper titled "Disability: Legal Rights and Policies under the Indian Constitution" organized by school for legal studies, BBAU Lucknow on 30 March 2017. Presented paper in National Seminar on Innovative Business Practices for Contemporary Growth & Sustainable Development and Presented paper titled "The Role of Business Growth in Sustainable Development from the perspective of 21st Century growth critique" organized by Raj School of Management & Sciences on 26-27 February 2017. Presented paper in Seminar on Higher Education in India: Vision 2030 with reference to Sustainable Development Goals and presented paper titled "Present Education System in India: A Comparative Study of Uttar Pradesh and Its Neighbour States" organized by Maharaja Bijli Pasi Govt. P.G. College, Lucknow on 28 January 2017. Presented Paper Titled "Intellectual Property rights in Agriculture Impact, Issues & Challenges" at National symposium on IRRS in Agricultural Research, 30-31 Aug 2017 organised by BBAU & UP council of Agricultural research, Lucknow (UP). Presented Paper titled "Disability: Legal Rights & Policies under the Indian Constitution at National seminar on problem, protection and prospective of person with Disability: Law & Policy, 30 March 2017 organized by School for Legal Studies, BBAU Lucknow.

International Conference /Paper Presentation (if any)

Faculty Name	Title
1. Dr. Kushendra Mishra	1. Make in India Campaign: Government Initiatives towards Inclusive Growth And Development, Amity University, Lucknow Campus. 2. Make in India: An Ambitious Economic Reform Campaign, Aligarh Muslim [A Central] University, Aligarh 3. Self Help Groups- A Tool for Women Empowerment, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications

Participation in orientation/Refresher Course/Workshop/Seminar/Conference (if any):

Sr. No.	Faculty Name	Orientation/Refresher Course/Workshop/Seminar/Conference
1.	Dr. Ramesh Chaturvedi	Refresher Course
2.	Dr. Taruna	National Workshop

Invited Speaker/Session Chaired in National/International Conferences details (if any):

Sr. No.	Faculty Name	Details
1.	Dr. M.S. Khan	1. Delivered a lecture on Research Process Models & Scientific Methods as Resource Person during 3 weeks Research Methodology course (RMC2017) at Deptt. of Information Technology, Babasaheb Bhimrao Ambedkar University(A Central University),Lucknow from 5-28 January'2017 2. Delivered a lecture on Criteria of Good Research as Resource Person during 3 weeks Research Methodology course (RMC2017) at Deptt. of Information Technology, Babasaheb Bhimrao Ambedkar University(A Central University),Lucknow from 5-28 January'2017
2.	Dr. Taruna	1. Delivered lecture at orientation Programme July 2017 at Integral University

Research Guidance (if any): Two Ph.D. awarded in the Department

Membership/Fellowship of Professional/Academic Bodies (if any):

Sr. No.	Name of Association
1.	Indian Commerce Association
2.	All India Accounting Association

1. Google Scholar Profile (if available):

1. Dr. MS Khan
2. Dr. Kushendra Mishra
3. Dr. Ramesh Chaturvedi

SCHOOL FOR PHYSICAL SCIENCES (SPS)

The School for physical sciences came into existence in 2010 to promote interdisciplinary studies and research in the areas of basic and applied sciences. The school aims at giving its students updated knowledge and imparts research skills in the developing areas of Sciences. At present the School for Physical Sciences has four departments i.e., Department of Applied Chemistry, Department of Applied Physics, Department of Applied Mathematics and Department of Applied Statistics which offer M.Sc. and Ph.D Programmes in respective areas.

DEPARTMENT OF APPLIED CHEMISTRY

With an idea to nurturing a scientific field for understanding basic chemical properties of molecules and for producing new materials with controlled functions; BBAU established Department of Applied Chemistry under the aegis of school for physical sciences in the year 2010. Admission to the full time Postgraduate courses in Applied Chemistry and Polymer chemistry and Ph. D. programme are conducted through National Level entrance test. The department has six permanent faculties and one INSPIRE faculty. All the faculty members have teaching and research experience and are experts in different areas of their fields. Faculty members have UGC, DST sponsored major research projects. Few faculties have consultancy projects of sugar and allied industry. They also have a good number of national and international research publications. More details can be read in Faculty profile. The DAC visualizes being a centre of excellence in the field of Chemical Sciences for its total commitment in teaching and research in basic and applied aspects of chemistry for betterment of quality in life, environment and society.

Courses Offered

S. No.	Name of Course	Duration of Course	Intake	Eligibility Criteria
1.	M.Sc. (Applied Chemistry)	02 Years	60	B.Sc. (Chemistry as main subject) with 50% marks (45% for SC/ST/PH) from recognized University

S. No.	Name of Course	Duration of Course	Intake	Eligibility Criteria
2.	M.Sc. (Polymer Chemistry)	02 Years	20	B.Sc. (Chemistry as main subject) with 50% marks (45% for SC/ST/PH) from recognized University
3.	Ph.D (Applied Chemistry)	As per Ph.D Ordinance		As per Ph.D Ordinance

DEPARTMENT OF APPLIED STATISTICS

The department was established in 2010 to teach Post Graduation (P.G.) classes under the department of Applied Mathematics & Statistics. The department of Applied Statistics as an independent department came into existence in March, 2012 vide Letter No. 2862/BBAU/12 under the headship of Dr. Surinder Kumar. The department has grown rapidly since its establishment. The department has started its M.Phil. Programme from the academic session 2014-15. Our vision is to provide the tools for making informed decisions and also to nurture the fundamental aspects of decision making. We are therefore, aiming to create a novel system of knowledge by investigating and understanding the fundamentals of decision making and implementing the knowledge for the welfare of society.

- To contribute to India and the World through excellence in statistical education and research; to serve as a valuable resource for industry and society; and remain a source of pride for all Indians.
- To generate new knowledge by engaging in cutting-edge research and to promote academic growth by offering postgraduate and doctoral programmes.
- To identify regional and global needs, based on an informed perception of Indian , in the areas of specialization upon which the department can concentrate.

Our Educational goal is:

- Strengthen fundamental aspects of applied and theoretical Statics.
- Promote original and innovative ideas among students as well as research scholars.
- Organize discussions, special lectures, industrial trips and other such activities for the better understanding of Statistical research.
- Enhance leadership qualities and team work among students.

Courses Offered

S. No.	Name of Course	Duration of Course	Intake	Eligibility Criteria
1.	M.Sc. (Applied Statistics)	02 Years	40	Graduate Degree with 50% marks (45% for SC/ST/PH Candidates) in statistics or Applied Statistics.
2.	M.Sc. (M.Phil in Statistics)	As per UGC regulations	20	Post graduate degree with 55% marks (50% or equivalent letter grade for SC/ST/PH) in Statistics
3.	Ph.D (Applied Statistics)	As per Ph.D Ordinance		As per Ph.D Ordinance

DEPARTMENT OF APPLIED MATHEMATICS

The Department of Applied Mathematics came into existence in March 2012 as a result of the bifurcation of the Department of Applied Mathematics and Statistics, which was established in July 2010 as a part of the School for Physical Sciences of Babasaheb Bhimrao Ambedkar University, Lucknow. It is running a Postgraduate programme in Applied Mathematics with an intake 40 students per year. The Department has also started Ph.D. programme with effect from July 2012. The research areas include Fluid Mechanics, Numerical Analysis, Mathematical Modelling, Differential Equations. The students for these programmes are admitted on the basis of all India entrance test.

The Department is striving to achieve excellence in teaching and research, and produce the best Mathematicians in the country.

Courses Offered

S. No.	Name of Course	Duration of Course	Intake	Eligibility Criteria
1.	M.Sc. (Applied Mathematics)	02 Years	40	Graduation (B.Sc. with one subject as Mathematics) with 50% marks (45% for SC/ST/PH) from recognized University
3.	Ph.D. (Applied Mathematics)	As per As per Ph.D.		As per Ph.D. Ordinance

DEPARTMENT OF APPLIED PHYSICS

The Department of Applied Physics in the university was set up in the year 2010; this was started with the guest faculty and the coordinator in-charge. In this year overwhelming response was found from the students. However, due to limitation of the physical infrastructure many students were not enrolled in spite of good response from various states of the country. Department of Applied Physics is trying to attract a few International students for their research activities, after the issuance of guidelines from university for international students. Presently 22 students are pursuing Ph.D. in the field of condensed matter physics, radiation physics, nano science and biophysics. Our students are qualifying competitive exams and securing admissions to reputed institutions like IITs, IISC. 12 students have qualified UGC-NET exam and 08 students have qualified GATE exam in the department within such a short time of its inception. A good laboratory is going to be equipped in the department for the M.Sc. students. We have a good laboratory for the synthesis of nano materials and their applications as various types of sensors other advanced applications. Computational and Nanooptoelectronics laboratories are equipped well. Indian Environmental Radiation Monitoring network (IERMON) has been installed with the help of BARC. Four faculty members have UGC and DST sponsored major research projects. Faculties are working with the nano material science research, sensors, molecular modeling, theoretical physics and applied optics.

Courses Offered

S. No.	Name of Course	Duration of Course	Intake	Eligibility Criteria
1.	M.Sc. (Applied Physics)	02 Years	40	Graduation recognized University {with 50% marks (45% for SC/ST /PH)}
2.	M.Phil. in (Applied Physics)	As per UGC regulations	15	Post Graduate Degree with 55% marks (50% for SC/ST/PH) in Physics from recognized University
3.	M.Sc. (Nuclear Medicine Technology)	02 Years	15	Graduate with 50% marks (45% for SC/ST/PH) from recognized University
4.	Ph.D. (Applied Physics)	As per Ph.D. Ordinance		As per Ph.D. Ordinance

DEPARTMENT OF APPLIED CHEMISTRY

Introduction

Prof. Kaman Singh (Head)

Brief introduction of the Department: Currently the department offers two years Postgraduate programme in Applied Chemistry for which candidates are selected through National Level entrance test. The department also offers Ph.D.

programme. The department has also started M.Sc. in Polymer Chemistry in 2014 as the first batch for session 2014-2016

Infrastructural facilities available in the Department:
The Applied 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).

Faculty details:

S. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. Kaman Singh	Head Professor	M. Sc.; Ph. D. National Sugar Institute, Kanpur	Physical Chemistry, Advance Surface Chemistry
2.	Dr. Gajanan Pandey	Associate Professor	M. Sc.; Ph. D. B.H.U.	Materials chemistry, Coordination chemistry, Environmental chemistry
3.	Dr. Jyoti Pandey	Assistant Professor	M. Sc.; Ph. D. (CDRI- JNU, Lucknow)	Organic Synthesis, Medicinal Chemistry, Heterocyclic and Carbohydrate Chemistry
4.	Dr. Shailesh Kumar	Assistant Professor	M. Sc.; Ph. D. (CDRI- JNU, Lucknow)	Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of compounds of medicinal value
5.	Dr. Preeti Gupta	Assistant Professor	M. Sc.; Ph. D. (IIT Kanpur)	Carbohydrate Chemistry and synthesis of Glycosidase Inhibitors, Medicinal Chemistry, Steroidal Hybrids and mimics
6.	Dr. Jawahar Lal Jat	Assistant Professor	M. Sc., Ph. D. (Synthetic Organic Chemistry), M. L. Sukhadia University, Udaipur (Raj.), India,	Development of new synthetic methodology, Green and sustainable synthetic chemistry, Asymmetric catalysis, Heterocyclic synthesis, Metal mediated Organic synthesis and Medicinal Chemistry.
7.	Dr. Alok Kumar Singh	(DST-INSPIRE Faculty)	M. Sc., Ph. D.	Synthetic Inorganic Chemistry, Surface- confined materials, Photocatalyst, Sensors, Molecular Logic Gates and Circuits, Electrochromic, Mechanochromic, Photochromic and Photoswitchable smart molecules

- E. Citation index of the Department: **h-index: 35, i10-index: 34**
- F. **Department Level Academic Activities:** Nil
- G. **Courses offered/New Courses:** M. Sc. Applied Chemistry, M.Sc. Polymer Chemistry, M.Phil in Chemistry, Ph.D Chemistry
- H. **Visitors to the Department:** Prof. Gurmeet Singh, Prof. V. K. Tandon, Prof. Man Singh, Prof. H.P. Tiwari, Prof. R.D. Kaushik and several others
- I. Accomplishments of students: **01-NET (JRF), 04-Govt. Jobs and 02-Ph.D**
- J. Faculty wise supervision of the Ph.D and M.Phil. students

Ph.D students

S. No.	Name	Guide Supervisor
1	Satya Prakash Gupta	Prof. Kaman Singh
2	Ajay Kumar	
3	Ashok Kumar	
4	Sandhya Singh	Dr. Gajanan Pandey
5	Gaurav Hitkari	
6	Azad Kumar	
7	Ranjana Bisht	
8	Jagrati Chaturvedi	
9	Gulam Abbas	Dr. Jyoti Pandey
10	Abhishek Verma	
11	Deepak Kumar	
12	Manoj Kumar Shrivash	
13	Akhilesh Kumar Shukla	Dr. Shailesh Kumar
14	Reena Patel	
15	Ram Subhawan Verma	
16	Sumit Kumar	
17	Balakishan Bhukya	

M.Phil. students

S. No.	Name	M.Phil Project Supervisor
1	Farhat Habib	Dr. Preeti Gupta
2	Jannatun zia	Dr. Jyoti Pandey
3	Rijwan	Dr. Shailesh Kumar
4	Mukesh Kumar	Dr. Alok Kumar Singh

- K. Co-curricular/Extra-curricular/conferences event organized by the Department: Nil
- L. Future Plans of the Department, if any: **The Department is applying for SAP (UGC) & DST-FIST Programm.**
- M. Research projects
- | | | |
|--------------------|---|-----|
| Prof. Kaman Singh | : | Nil |
| Dr. Gajanan Pandey | : | Nil |
| Dr. Jyoti Pandey | : | Nil |
| Dr. Shailesh Kumar | : | Nil |

Dr. Preeti Gupta

DST-Inspire Faculty Award Project [IFA-13, CH 110]- An Approach towards Novel Steroidmimetics-Design and Synthesis of Structurally Diverse Steroid-Sugar Hybrids and Azasteroids

Dr. Jawahar Lal Jat

- (1) DST-SERB YOUNG SCIENTIST Grant
- (2) UGC BSR Grant

Dr. Alok Kumar Singh (DST-INSPIRE Faculty)

DST-INSPIRE Faculty Award Project, "Surface-confined, redox-active dinuclear metal polypyridyl complexes for multistate near-infrared electrochromism and photocatalytic activities" (Rs. 35,00,000 /-)

- N. Academic details/ activities of the faculty of your department under the following heads:

Prof. Kaman Singh:

1. Award & Recognition (if any): **INSA International Bilateral Exchange program-2016**
2. Members of Board/committee (outside BBAU):
 - (i): Member-BOS of Food Processing and Food Technology Program of University of Lucknow.
 - (ii): Member-RDC-Dr. RML Awadh University, Faizabad U.P.
 - (iii): Member-BOS-Jauhar University, Rampur, U.P.
 - (iv): Member-Indian National committee of ICUMSA
 - (v): Associate Editor-ICUMSA.
3. Details of the Project Sanctioned/ Executed

(during 01.04.2016 to 31.03.2017):**Nil**

4. Research publication (s): **08**
 - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any):**Nil**
 - b. Paper published:**08**
 - c. National Conference/ Journals/ Paper presentation (if any):
 - d. International conference/ Journal/ Paper presentation (if any):
 5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) : **Delivered several lectures in ASC at University of Lucknow.**
 6. Invited speaker/ session chaired in national/ international conference details (if any):
 - i. Chaired a session of Invited Speakers in Chemical Sciences in 104th Indian Science Congress Association at S.V. University, Tirupati, January 3-7, 2017.
 - ii. Delivered an invited talk at ISCA-2017
 - iii. Delivered an invited talk on Fullerene at JNPG College, Lucknow-2017.
 - iv. Delivered a lecture in the Inspired Internship Science Camp-2017 (DST) at Dr. M.C. Saxena Group of Colleges, Lucknow.
 - v. Delivered a lecture on *Chemical Elements: Alphabets of Our Chemical Word* during Inspire Science Camp of DST on 11th January 2017 at Ambalika Institute of Management and Technology, Lucknow.
 - vi. Chaired a session of invited speakers at International Conference on Updates in Cancer Prevention and Research-2017, organised by BBAU, Lucknow.
 - vii. Delivered an invited talk in a National Conference on Science and Technology for National Development held at Department of Chemistry, GKV, Haridwar on November 20-22, 2016.
 - viii. Chaired a session of invited speakers in a National Conference on Science and Technology for National Development held at Department of Chemistry, GKV, Haridwar on November 20-22, 2016.
 - ix. Delivered a lecture in Orientation Course, organised by HRDC, University of Lucknow in 2016 and 2017.
 - x. Delivered a talk on Effect of Ultrasonics on Morphology of precipitated calcium carbonate (PCC) for controlling scale formation in cane sugar processing: Laboratory scale experiment at 74th Annual Convention of STAI-2017, held at New Delhi from July 28-30, 2016.
 - xi. Chaired a session of Invited Speakers in National Conference on Recent Advances and Innovations in Chemical and Materials Science (RAICMS), held at JNPG College, 2017.
 7. Research guidance (if any) : **02 Awarded 02 Pre-Submission 01 Registered**
 8. Membership/ fellowship of professional/ academic bodies (if any):
 - (i). Member-ISCA, ICS, USI, ITS, STAI, ICUMSA, MRSI
 9. Google scholar profile (if available):
 10. Any Other remarkable information : **Active participation in Science Outreach Program sponsored by CNR Rao Education Foundation, Bengaluru, held at Gangolihat, Uttarakhand since 2014.**
- Dr. Gajanan Pandey:**
1. Award & Recognition (if any): **Nil**
 2. Members of Board/committee (outside BBAU) : **Member AC, CIEPT Lucknow**
 3. Details of the Project Sanctioned/ Executed (during 01.04.2016 to 31.03.2017) : **Nil**
- 4. Research publication (s)**
- (i) Communicated Papers**
1. Photocatalytic degradation of Thymol blue under visible light by the novel photocatalyst Titania/ PAni/GO nanocomposites , Azad Kumar and **Gajanan Pandey**, Advance Science letter, **2017**.
 2. Preparation and Photocatalytic activity of Co:La:TiO₂ nanocomposites for the degradation of Methyl Blue in Visible light, Azad Kumar and **Gajanan Pandey**, Journal of materials engineering, **2017**, (OMICS publication).
 3. Synthesis, characterization, effect of temperature

on band gap energy of molybdenum oxide nano rods and their antibacterial activity, Azad Kumar and Gajanan Pandey, American Journal of Applied and Industrial Chemistry, 2017, (Science Publication)

4. Effect of annealing temperature on structural, optical and photocatalytic properties of α -Fe₂O₃ nanostructures, S. Singh, G. Hitkari, Gajanan Pandey, Inorganic & Nanometal Chemistry, 2017 (under review)
 5. Visible light photocatalytic degradation of methyl orange using ZnO, ZnO/ZnS and ZnO/ZnS/ α -Fe₂O₃ nanocomposites, G. Hitkari, S. Singh, Gajanan Pandey, Transactions of Nonferrous Metals Society of China, 2017 (under review)
- (ii) Accepted (for publication) Papers
1. Structural, Optical and Photocatalytic Study of ZnO And ZnO-ZnS Synthesized by Chemical Method, G. Hitkari, S. Singh, Gajanan Pandey, Nanostructures & Nano-Objects, 2017 (Accepted, in Press).
 2. Synthesis of La:Co:TiO₂ Nanocomposite and Photocatalytic Degradation of Tartaric Acid in Water at Various Parameters, Azad Kumar and Gajanan Pandey, American Journal of nano research and Applications, 2017 (Accepted).
 3. Photodegradation of Methyl Orange in Aqueous Solution by the Visible Light Active Co:La:TiO₂ Nanocomposite, Azad Kumar and Gajanan Pandey, Chemical Sciences Journal, 2017, (OMICS Publication) (Accepted for publication).

(iii) Paper published

1. Photocatalytic degradation of Eriochrome Black-T by the Ni:TiO₂ Nanocomposites, Azad Kumar and Gajanan Pandey, Desalination and Water Treatment, 2017, 71, 406-419.
2. Photocatalytic Degradation of Citric Acid in Wastewater in Presence of Visible Light by La:Ni:TiO₂ Nanocomposite, Azad Kumar and Gajanan Pandey, Advances in Material chemistry, 2017, 1(2), 62-69.
3. Photocatalytic activity of Co:TiO₂ nanocomposites and their application in photodegradation of acetic acid, Azad Kumar, Gajanan Pandey, Chemical Science Transaction, 2017 6(3), 1378.
4. Synthesis and characterization of cadmium

doped nickel ferrite (Ni_{0.6}Cd_{0.4}Fe₂O₄) nanoparticles and its optical properties, S. Singh, G. Hitkari, Gajanan Pandey, International Journal of Scientific and Engineering Research, 2017, 8, 1630-1635.

5. Synthesis, characterization and visible light degradation of organic dye by chemically synthesized ZnO/gFe₂O₃ nanocomposite, S. Singh, G. Hitkari, Gajanan Pandey, International Journal of Advance Research in Science Engineering and Technology, 2017, 4, 3966-3970.
 6. Synthesis, characterization and visible light degradation of organic dye by chemically synthesized ZnO/gFe₂O₃ nanocomposite, G. Hitkari, S. Singh, Gajanan Pandey, International Journal of Advance Research in Science Engineering and Technology, 2017 4, 3960-3965.
 7. Nucleation temperature-controlled synthesis and in vitro toxicity evaluation of L-glycyl-L-histidyl-L-methyl-L-glutamate Mn:ZnS quantum dots for intracellular imaging, V. Pandey, Gajanan Pandey, V. K. Tripathi, S. Yadav and M.K.R. Mudiam, **Luminescence**, 2016, 31, 341-347.
- b. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any) Accepted (for publication) Papers

Book chapter entitled "Nanoparticles and their application in environmental wastewater management", Gajanan Pandey, Gaurav Hitkari and Sandhya Singh, 2017 in the book entitled "Emerging & Eco-Friendly Approaches for Waste Management" to be published by the "Springer, Singapore 189721"

- c. National Conference/ Journals/ Paper presentation (if any)
- d. International conference/ Journal/ Paper presentation (if any)
5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) : Nil
6. Invited speaker/ session chaired in national/ international conference details (if any) **Invited Speaker: National Conference on "Energy and Environment: Threats and Remedies", Organized by Department of Allied Sciences, Rustamji Institute of Technology, BSF Academy, Tekanpur, Gwalior, May 5-6, 2016.**

Session Chaired: International Conference on

“Updates in Cancer Prevention and Research” and Satellite conference on “Translational Pharmaceutical Research: Trends and Implications, organized by Babasaheb Bhimrao Ambedkar University, Lucknow, February 14-20, 2017.

7. Research guidance (if any): **01 Ph.D. awarded (Mr. Vivek Pandey)**
8. Membership/ fellowship of professional/ academic bodies (if any):
9. Google scholar profile (if available)
10. Any Other remarkable information

Dr. Jyoti Pandey:

1. Award & Recognition (if any) : **Nil**
2. Members of Board/committee (outside BBAU) : **Nil**
3. Details of the Project Sanctioned/ Executed (during 01.04.2016 to 31.03.2017) : **Nil**
4. Research publication (s)
 - a. Book (s) /Book chapter (s) authored/ edited book/ monograph(s) (if any): **01**
 - i) Biochar based organic soil amendment technology: Boon in Agricultural Management, (2016) Technological Innovation in Agriculture and Rural Development, Editors: Hemlata Pant, M.K.Singh, M. Pati, B. Chaudhary, published by Society of biological sciences and rural development at Vigyan Parisad, Allahabad pp 273-277 (ISBN no. 978-81-923494-6-6)
 - b. Paper published: **04**
 - i) Mane, V., Pandey, L, Ayyagari, N., Dev, C., Kale, R., Namboothiri, I. N. N. *Synthesis of hydrazinoheterocycles from morita-baylis-hillman adducts of nitroalkenes with azodicarboxylates*, **Org. Biomol. Chem.** Vol. **14**, **2016**, pp **2427-38**.
 - ii) Abhishek Verma, Jyoti Pandey, Sheila Srivastava, *Kinetic and mechanistic study of oxidation of L-alanine by acidic solution of Chloramine-T in presence of chloro-complex of Ir (III) as homogeneous catalyst*, **Cana. Chem. Trans.**, Vol. **4**, **2016**, pp 1-16.
 - iii) Abhishek Verma, Jyoti Pandey, Reena Patel, Sheila Srivastava, *Kinetic and thermodynamic study for the oxidation of Leucine by perchloric acid solution of Chloramine-T in presence of Ir (III) in its nano concentration range as homogeneous catalyst*, **World J. Pharmacy**

Pharmaceut. Sci., Vol. **5**, **2016**, pp 687-700.

- iv) Manoj Kumar Shrivash, Kuruba Adeppa, Rohit Singh, Jyoti Pandey, Krishna Misra *A Novel, Efficient and Multigram Scale Synthesis of S-Alkyl thiocarbamates via Newman Kwart Rearrangement* **Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.** Vol. **87**, **2017**, pp 189-193
 - c. National Conference/ Journals/ Paper presentation (if any): **01**
 - i) Oral presentation on the topic “Biochar technology: A boon for agriculture in Himalayan region” in the 86th Annual Session of the Academy organized by NASI, India.
 - d. International conference/ Journal/ Paper presentation (if any): **01**
 - i) Poster presentation on the topic “Immunotherapy: A promising strategy to cure cancer in International conference on updates in cancer prevention and research (ICUCPR-2017) from 14-16 Feb 2017 held at BBAU, Lucknow.
- 5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) : Nil**
 - 6. Invited speaker/ session chaired in national/ international conference details (if any): 03**
 - i) Invited lecture in Rashtriya Karyasahala "Development of Educational E-materials in Hindi" organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai at Vigyan Parisad, Allahabad., Nov. 12-14, 2016.
 - ii) Invited lecture on the topic “Biochar: An Organic Soil Amendment Technology” in the National Symposium on Natural Resource management for sustainable agriculture and rural development organized by Society of biological sciences and rural development at Vigyan Parisad, Allahabad, Nov. 05-06, 2016.
 - iii) Session chaired in international conference on updates in cancer prevention and research (ICUCPR-2017) from 14-16 Feb 2017 held at BBAU, Lucknow.
 7. Research guidance (if any) : **04 Ph. D. and 01 M. Phil** students are pursuing their research work
 8. Membership/ fellowship of professional/

academic bodies: Society of biological sciences and rural development at Vigyan Parisad, Allahabad

9. Google scholar profile : h-index: 16, i10-index: 18
10. Any Other remarkable information : **NA**

Dr. Shailesh Kumar

1. Award & Recognition (if any): **Nil**
2. Members of Board/committee (outside BBAU) : **Nil**
3. Details of the Project Sanctioned/ Executed (during 01.04.2016 to 31.03.2017) : **Nil**
4. Research publication (s)
 - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any) : **Nil**
 - b. Paper published: **03**

Reena Patel, Shailesh Kumar, Abhishek Verma, Sheila Srivastava Mechanistic Investigation on Pd (II) Catalyzed Oxidation of Paracetamol by Potassium Bromate (KBrO₃) in Presence of HClO₄ Acid Medium: A Kinetic Model *International Advanced Research Journal in Science, Engineering and Technology* Vol. 4, Issue 7, 2017, 277-284

Shailesh Kumar, Devdutt C and Devi Prasad Sahu

Synthesis and Antimicrobial Activity of Novel 3,7-Disubstituted 2H-1-Benzopyran-2-Ones *Med Chem.*; Volume 7(4): 857-864 (2017)

Reena Patel, Shailesh Kumar, Abhishek Verma, Sheila Srivastava *Kinetic and thermodynamic properties of pharmaceutical drug (Gabapentin) by potassium bromate (KBrO₃) in presence of micro amount of Ir(III) chloride as catalyst in acidic medium* *The Chemistry International*, July 2016, 3(2) (2017) 158-164

- c. National Conference/ Journals/ Paper presentation (if any)
- d. International conference/ Journal/ Paper presentation (if any) : **02**
5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) : **01**
6. Invited speaker/ session chaired in national/ international conference details (if any) : **Nil**
7. Research guidance (if any) : **04 Ph. D. and 01 M. Phil students are pursuing their research work**
8. Membership/ fellowship of professional/

academic bodies (if any) : **Nil**

9. Google scholar profile (if available) : **Citations: 85 h-index: 5, i10-index: 4**
10. Any Other remarkable information

Dr. Preeti Gupta:

1. Award & Recognition (if any): Nil
2. Members of Board/committee (outside BBAU) : Nil
3. Details of the Project Sanctioned/ Executed (during 01.04.2016 to 31.03.2017) : Nil
4. Research publication (s)
 - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any) : Nil
 - b. Paper published: Nil
 - c. National Conference/ Journals/ Paper presentation (if any) : **01**

National Conference on "New Vistas in Chemical Research" organized by Department of Chemistry, The IIS University, Jaipur on 18-19 th January, 2017.

Oral Presentation- Sugar-fused 1,2,3-Triazoles: Synthesis and Biological Activities.

- d. International conference/ Journal/ Paper presentation (if any) : **01**

International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017), organized by Babasaheb Bhimrao Ambedkar University, Lucknow from 14-16 th February, 2017.

Presented Poster-Carbon Nanotubes: An Application in Cancer Diagnosis and Therapy.

5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) : **01**
- Attended Orientation Programme at University of Lucknow, UGC-Human Resource Development Centre, Lucknow from 1 st -31 st December 2016.
6. Invited speaker/ session chaired in national/ international conference details (if any) : **Nil**
7. Research guidance (if any) : **Nil**
8. Membership/ fellowship of professional/ academic bodies (if any) : **Nil**
9. Google scholar profile (if available) :
10. Any Other remarkable information : **Nil**

8/9/2017

preeti gupta - Google Scholar Citations

**preeti gupta**

Department of Applied Chemistry, School for
Physical Sciences, Babasaheb Bhimrao
Ambedkar University
Organic Chemistry

Google Scholar

Citation indices	All	Since 2012
Citations	85	80
h-index	5	5
i10-index	3	3

Title 1–8	Cited by	Year
Ceric ammonium nitrate-catalyzed azidation of 1, 2-anhydro sugars: application in the synthesis of structurally diverse sugar-derived morpholine 1, 2, 3-triazoles and 1, 4-oxazin-2-ones YS Reddy, AP John Pal, P Gupta, AA Ansari, YD Vankar The Journal of organic chemistry 76 (15), 5972-5984	35	2011
Synthesis of 2-Nitroglycals from Glycals Using the Tetrabutylammonium Nitrate–Trifluoroacetic Anhydride–Triethylamine Reagent System and Base-Catalyzed Ferrier Rearrangement of Acetylated 2-Nitroglycals S Dharuman, P Gupta, PK Kancharla, YD Vankar The Journal of organic chemistry 78 (17), 8442-8450	14	2013
HClO₄·SiO₂ catalysed synthesis of alkyl 3-deoxy-hex-2-enopyranosides from 2-hydroxy glucal ester: application in the synthesis of a cis-fused bicyclic ether and a 4-amino-C-glucoside P Gupta, N Kumari, A Agarwal, YD Vankar Organic & biomolecular chemistry 6 (21), 3948-3956	14	2008
(3S, 4R, 5R)-3-(2-Hydroxyethyl) piperidine-3, 4, 5-triol as an isofagomine analogue: synthesis and glycosidase inhibition study P Gupta, S Dharuman, YD Vankar Tetrahedron: Asymmetry 21 (24), 2906-2972	8	2010
Synthesis of Fused Oxa-Aza Spiro Sugars from D-Glucose-Derived δ-Lactone as Glycosidase Inhibitors AP John Pal, P Gupta, Y Suman Reddy, YD Vankar European Journal of Organic Chemistry 2010 (36), 6957-6966	6	2010
Asymmetric assembly of steroidal tetracyclic skeletons P Gupta, G Panda European Journal of Organic Chemistry 2014 (36), 8004-8019	4	2014
Facile Aza-Claisen Rearrangement of Glycals: Application in the Synthesis of 1-Deoxy-L-imosugars P Gupta, YD Vankar European Journal of Organic Chemistry 2009 (12), 1925-1933	4	2009
Targeting progesterone metabolism in breast cancer with l-proline derived new 14-azasteroids J Singh, R Singh, P Gupta, S Rai, A Ganesh, P Badrinarayan, GN Sastry, ... Bioorganic & Medicinal Chemistry 25 (16), 4452-4463		2017

Dates and citation counts are estimated and are determined automatically by a computer program.

https://scholar.google.com/citations?hl=en&user=VFaoqgUAAAAJ&btnA=1&authorid=18292000532884516169&view_op=list_works&gmla=AJsN-F7IE... 1/1

Dr. Jawahar Lal Jat:

1. Award & Recognition (if any): **Nil**
2. Members of Board/committee (outside BBAU): **Nil**
3. Details of the Project Sanctioned/ Executed (during 01.04.2016 to 31.03.2017))

S. No.	Funding Agency	Amount	Year
1.	DST-SERB	27.50 Lac	2016-2018
2.	UGC-BSR	10.0 Lac	2017-2018

4. Research publication (s)
 - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any) : **Nil**
 - b. Paper published: (i) Unprotected Aziridines: A Synthetic Overview, Shekh Sabir, Ganesh Kumar, and Jawahar L. Jat*, Asian J. Org. Chem. 2017, 6, 782 - 793. (I.F. 2.79)
 - c. National Conference/ Journals/ Paper presentation (if any) : Nil
 - d. International conference/ Journal/ Paper presentation (if any): **(i) Presented a poster in International conference on updates in cancer Prevention and Research (ICUCPR-2017) from 14-16 Feb 2017 held at BBAU, Lucknow.**
5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any): **(i) Participated in Orientation Course from 15/5/2017 to 11/5/2017 (HRDC-ASC, BHU)**
6. Invited speaker/ session chaired in national/ international conference details (if any): **(i) Invited Speaker in international conference on recent trends in Chemical Science, Govt. Eng. College, Bikaner, Rajasthan (12-13 Jan. 2017)**
7. Research guidance (if any) : **Nil**

	M. Sc.	M. Phil.	Ph. D.
Currently Working	00	01	00
Project Submitted	06	00	00

8. Membership/ fellowship of professional/ academic bodies (if any) : **Nil**
9. Google scholar profile (if available):
h-index: 9, i10-index: 9
10. Any Other remarkable information: **Nil**

Dr. Alok Kumar Singh (DST-INSPIRE Faculty):

1. Award & Recognition (if any): DST-INSPIRE Faculty Award
2. Members of Board/committee (outside BBAU): Nil
3. Details of the Project Sanctioned/ Executed (during 01.04.2015 to 31.03.2016)):

DST-INSPIRE Faculty Award Project, "Surface-confined, redox-active dinuclear metal polypyridyl complexes for multistate near-infrared electrochromism and photocatalytic activities" (Rs. 35,00,000 /-)

4. Research publication (s)
 - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any): Nil
 - b. Paper published: **03**
 - (I) Molecular sensors confined on SiO_x substrates, V. Singh P. C. Mondal, **A. K. Singh**, M. Zharnikov, *Coord. Chem. Rev.*, 2017, 330, 144-163. (ISSN: 0010-8545) Impact factor = 12.994
 - (II) Pyridyl substituted 4-(1,3-Dioxo-1H,3H-benzo[de]isoquinolin-2-ylmethyl)-benzamides with aggregation enhanced emission and multistimuli-responsive properties, A. K. Srivastava, ‡ **A. K. Singh**, ‡ N. Kumari, Richa Yadav, A. Gulino, A. Speghini, R. Nagarajan, L. Mishra, *J. Lumin.*, 2017, 182, 274-282 (‡These authors contributed equally to this work) (ISSN: 0022-2313) *Impact factor* = 2.693
 - (III) A smart switchable module for detection of multiple-ions *via* turn-on dual-optical readout and their cell-imaging studies, A. Rai, ‡ **A. K. Singh**, ‡ A. K. Sonkar, A. Prakash, J. K. Roy, R. Nagarajan* and Lallan Mishra*, *Dalton Trans.*, 2016, 45, 8272-8277 (‡These authors contributed equally to this work) *Impact factor* = 4.177
 - c. National Conference/ Journals/ Paper presentation (if any): **01**
 - (I) Attended & Poster presentation in the National Conference on "Recent Advances and Innovations in Chemical and Materials Science (RAICMS-2017)" organized by Sri Jai Narain (PG) College, Lucknow, 23rd-24th February, 2017.

"A smart switchable module.....*via* dual-optical readout", **Alok Kumar Singh**

d. International conference/ Journal/ Paper presentation (if any): **02**

(I) Attended & Poster presentation in the International Conference on “Updates in Cancer Prevention and Research (ICUCPR-2017)” organized by Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, 14th-16th February **2017**.

*“A multi-stimuli driven “smart probe”.....in water via dual optical readout”, **Alok Kumar Singh***

(II) Attended & Poster presentation in the International Conference on “Structure and Dynamics of Biomolecules” organized by D.D.U. Gorakhpur University, Gorakhpur, January 27-28, **2017**.

*“Multiple-ion driven smart switchable module.....for logic operations via resettable optical readout”, **Alok Kumar Singh***

5. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any): **03**

(I) Attended & Poster presentation in the International Conference on “Updates in Cancer Prevention and Research (ICUCPR-2017)” organized by Babasaheb Bhimrao Ambedkar

University (A Central University), Lucknow, 14th-16th February, **2017**.

(II) Attended & Poster presentation in the International Conference on “Structure and Dynamics of Biomolecules” organized by D.D.U. Gorakhpur University, Gorakhpur, 27th-28th January, **2017**

(III) Attended & Poster presentation in the National Conference on “Recent Advances and Innovations in Chemical and Materials Science (RAICMS-2017)” organized by Sri Jai Narain (PG) College, Lucknow, 23rd-24th February, **2017**.

6. Invited speaker/ session chaired in national/ international conference details (if any):

Nil

7. Research guidance (if any):

	M. Sc.	M. Phil.	Ph. D.
Currently Working	00	01	00
Project Submitted	06	00	00

8. Membership/ fellowship of professional/ academic bodies (if any): Nil

9. Google scholar profile (if available)

10. Any Other remarkable information: Nil

DEPARTMENT OF APPLIED STATISTICS

Introduction

The department was established in 2010 to teach Post Graduation (P.G.) classes under the department of Applied Mathematics and Statistics. The department of Applied Statistics as an independent department came into existence in March, 2012 vide Letter No. 2862/BBAU/12 under the leadership of Dr. Surinder Kumar. The department has grown rapidly since its establishment. The department has started its M.Phil. programme from the academic session 2014-15.

Objective

In the present era of globalization, privatization and liberalization both the public and private sector organizations are phasing and increasingly complex and challenging environment. Under such conditions, their survival and growth depend on the capacity to gather, analyze, disseminate, implement, evaluate policy and making decisions. This thrust needs P.G., M.Phil. and Ph.D. programmes to provide students of high caliber for the various governmental and private agencies to use statistical techniques in every aspect of logistic and statistical approach.

Infrastructure facilities of the department

The department is providing high class teaching and research facilities to its students. Presently, the department has five faculty members (one Associate Professor and four Assistant Professors).

Vision

To contribute to the nation and the World through excellence in statistical education and research; to serve as a valuable resource for industry and society; and remain a source of pride for all Indians.

Mission

To generate new knowledge by engaging in cutting-edge research and to promote academic growth by offering state-of-the-art postgraduate and doctoral programmes.

To identify, based on an informed perception of Indian, regional and global needs, areas of

specialization upon which the department can concentrate.

To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.

To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Values

- Academic integrity and accountability.
- Respect and tolerance for the views of every individual.
- Attention to issues of national relevance as well as of global concern.
- Appreciation of intellectual excellence and creativity.
- An unfettered spirit of exploration, rationality and enterprise.

Achievements

- The Department has organized one National Workshop during 14 – 15 March 2013 on various topics of Statistics.
- The Department has organized one National conference during 16 – 17 March 2013 on various topics of Statistics.
- Our faculty members have represented the University in various national and international conferences.
- The faculty members of the department have also acted as resource persons in various prestigious national institutions.

Courses Offered by the Department

P.G. Courses (2010 onwards)	M. Sc. Applied Statistics
New Course (2014 onwards)	M. Phil. Statistics
Doctorate Courses (2012 onward)	Ph.D. Applied Statistics

Faculty Detail

Sr. No.	Name	Designation	Qualification	Area of Specialization
1	Dr. Surinder Kumar	Associate Professor & Head	Ph.D. (Statistics)	Sequential Testing, Multivariate Techniques, Reliability
2	Dr. Rahul Varshney	Assistant Professor	Ph.D. (Statistics), CSIR SRF (Mathematical Sciences)	Mathematical Programming and Sampling Theory
3	Dr. Amit Kumar Misra	Assistant Professor	Ph.D. (Statistics), CSIR NET-JRF (Mathematical Sciences)	Stochastic Orders, Reliability Theory and Applied Probability
4	Dr. Akanksha Gupta	Assistant Professor	UGC NET-JRF Ph.D. (BHU)	Bayesian Statistics Biostatistics
5.	Dr. Varun Kumar Kashyap	Assistant Professor	Ph.D. (Lucknow University)	Predictive Modelling, Drug Designing and Quantitative & Qualitative Analysis

Department Level Academic Activities

Seminar, Lectures and other activities (in figure) during the year

Seminar/conference participated by faculty		Seminar/conference/Lectures organized by Department		Research Paper presented by faculty		Research Paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
10	06	02		12	6	04	04	NIL

Academic Activities of the faculty

Dr. Surinder Kumar

- Books published: Recent Advances in Applied Statistics and its Applications, Lambert Academic Publishing, ISBN No. 978-3-659-95755-0
- Book(s) chapter: Sequential for the parameter of a family of Lifetime distributions, Chapter 14, Interface between statics mathematics and allied sciences, pp. 123, ISBN No. 978-93-81361-115-5.
- Article/paper in journals [only published and accepted articles/papers]-40
- Lectures delivered-08
- Paper presented in seminars/conferences/workshops etc-10
- Session chaired at seminars/conferences/workshops etc.-05

Research Guidance

(Under the supervision of Dr. Surinder Kumar)

- Mr. Okendro Singh, 2009, presently working as Associate Professor (Ag. Statistics) College of

Agriculture, Central Ag. Univ. Iroisemba-795004, Imphal, Manipur.

- Mr. Naresh Chandra, 2011, presently working as Associate Professor, Deptt. of Mathematics & Statistics, Banasthali University, Rajasthan.
- Mr. Mukesh Kumar, 2016, presently working as Assistant Professor, Deptt. of Statistics, Mahila Maha Vidyalaya, Banaras Hindu University (BHU).
- Mr. Arun Kumar, 2017, presently working as Govt. Teacher, UP.
- Nazia Wahid, (Thesis Submitted) 2017
- Mayank Vaish, (Thesis Submitted) 2017
- Abhay Partap Singh, (Thesis Submitted) 2017

Dr. Rahul Varshney

- Article/paper in journals [only published and accepted articles/papers]- 13
- Lectures delivered- 04
- Workshops Attended - 03
- Visiting Scholar to other Institutes: 01

- Research Guidance - presently one candidate pursuing Ph.D.

Dr. Amit Kumar Misra

- Article/paper in journals [only published and accepted articles/papers]- 13

- Lectures delivered-20

- Workshops Attended -03

- Research Guidance - presently two candidates pursuing Ph.D.

Students Placement

S.No.	Name of the Student	Batch	Course	Achievement
1.	Pooja Verma	2014-15	Ph.D.	Qualified ISS examination, 2015
2.	Mukesh Kumar	2012-13	Ph.D.	Selected as Assistant Professor in BHU,2016
3.	Shivam Shukla	2014-15	M.Phil.	Working in IIM, Lucknow as Teaching Assistant
4.	Arun Kumar	2012-13	Ph.D.	Selected as junior high school teacher
5.	Arvind Linda	2011-12	M.Sc.	Working as P.O. in Dena Bank
6.	AbhilashTripathi	2011-12	M.Sc.	Working as clerk in Bank of India
7.	Sumit Kumar	2010-11	M.Sc.	Working as Statistical Assistant in DSSB
8.	Sachin Mishra	2010-11	M.Sc.	Working as Postal Assistant in Post Office
9.	Nazia Naqvi	2012-13	Ph.D.	Working in SMNRU, Lucknow as Guest Faculty
10.	Shashank Baghel	2014-15	M.Phil.	Selected as Statistical Assistant (B) Govt. of NCT of Delhi
11.	RohiniPokhrel	2011-12	M.Sc.	Selected as Statistical Assistant (B) Govt. of NCT of Delhi
12.	Anurag Bajpai	2011-12	M.Sc.	Working as JRF in DIPR
13.	Shahban	2011-12	M.Sc.	Working in IIM as Teaching Assistant
14.	Chandraketu Singh	2011-12	M.Sc.	Selected for Ph.D. programme in IIT, Dhanbad
15.	Priyanka Pandey	2015-16	M.Sc.	Qualified ISS examination, 2016
16.	Anand Srivastava	2012-13	M.Sc.	Junior Assistant in ministry of U.P. under commission of Person Disability
17.	Nitesh Agarwal	2012-13	M.Sc.	Clerk in Canara bank
18.	Yashwant Singh	2012-13	M.Sc.	Statistical officer (U.P. Govt.)
19.	Saumya Gupta	2012-13	M.Sc.	Statistical officer (U.P. Govt.)
20.	SapnaMaurya	2010-11	M.Sc.	RajaswaLekhpal
21.	Priyanka Sahu	2014-16	M.Sc.	Statition cum Assistant Professor in Saroj Institute of Technology & Management.
22.	Shivani Mishra	2013-15	M.Sc.	Administrative Officer in National Insurance Co-operative Ltd.
23.	MayankVaish	2013-14	Ph.D.	Selecte as Guest Faculty in Babasaheb Bhimrao Ambedkr University, Lucknow
24.	AbhayPratap Pandey	2013-14	Ph.D.	Selected as Assistant Professor in Amity University

DEPARTMENT OF APPLIED PHYSICS

The Department of Applied Physics in the university was set up in the year 2010; this was started with the guest faculty and the coordinator in-charge. In this year overwhelming response was found from the students. However, due to limitation of the physical infrastructure many students were not enrolled in spite of good response from various states of the country. Department of Applied Physics is trying to attract a few International students for their research activities, after the issuance of guidelines from university for international students. Presently 22 students are pursuing Ph.D. in the field of condensed matter physics, radiation physics, nanoscience and biophysics. 31 students are enrolled in M.Sc.-III semester students and Enrolled in 04 student in M.sc. (Nuclear Medicine) & 06 Students enrolled in M.Phil. Programme. And 01 PDF Faculty 01 inspire Faculty

Our students are qualifying competitive exams and securing admissions to reputed institutions like IITs, IISc. Seventeen students have qualified UGC-NET exam and 08 students got RGNF and 05 Students have qualified GATE exam in the department within such a short time of its inception. A good laboratory is going to be equipped in the department for the M.Sc. students. We have a standard laboratory for the synthesis of nanomaterials and their applications as various types of sensors. Computational laboratory and Nano-optoelectronics Laboratory are equipped well. Indian Environmental Radiation Monitoring network (IERMON) has been installed with the help of BARC. Four faculty members have UGC and DST sponsored major research projects. Faculties are working with the nano/material science research, sensors, molecular modeling, theoretical physics and applied optic

Introduction of the Department

1	Citation Index of the Department	:	Dr. B.C. Yadav: 12.0(C.I _{avg}) and 1.5 (IF _{avg}) Dr. Devesh Kumar: 41.9(C.I _{avg}) and 6.8 (IF _{avg}) Dr. Ramesh Chandra: 21.9(C.I _{avg}) and 3.74 (IF _{avg}) Dr. A.K. Yadav: 3.8(C.I _{avg}) and 1.3 (IF _{avg}) Dr. K.B. Thapa
	Department Level Academic Activities	:	Hindi Pakhwara celebration and essay event on this event
	Courses offered/New Courses	:	M.Sc. (Applied Physics) M. Sc. (Nuclear Medicine) M. Phil (Physics) Ph.D. (Applied Physics)
	Faculty (including guest /contract/inspired)		Faculty 06 Inspire 01 Guest Faculty 00
	Vacant faculty positions in the department		Professor 01
2	No. of Ph.D. students enrolled		21 JRF: 03; RGNF: 04; Inspire Fellow: 01
	No. of Ph.D. degree awarded		08
	No. of Post-Doctorates (current)		01
	Latest syllabus revision date(course wise)		2012 made syllabus at par with CSIR-NET syllabus. 2013 Three new optional Paper included
3	Conferences /workshops/other events organized in the department in the last three years.		Conference 01 (Nov. 2013) Workshop 01 (July 2014)

4	Achievements of the students (includes Job/placement, NET, JRF, GATE, Awards etc). Job/Placement			National -PDF 02 Enrolled for PhD in IITs and other National Institutions 09 Enrolled for PhD in aboard 03 Teaching/ Government Jobs 27 06	
5	Co-curricular/Extra-curricular/conferences event organized by the Department			LUSCON	
	Research projects of the Department			03	
6	Awards and recognition received by faculty (last 5 years)			: 06	
	Faculty who have attended Natl./ Intl. Seminars (last 5 years)				
			Name	National	International
			BCY	14	10
			DK	13	14
			RC	05	04
			AKY	07	05
			DS	01	02
			KBT	05	00
	Number of national/international seminars organized (last 5 years)			03 (International)	
7	Achievements of the faculties (faculty wise) in the last three years (Publication reprints with impact factor, awards, recognitions, inspired fellowship, patents, conferences/ workshops attended etc.).				
(i)	Dr. B. C. Yadav	2013-2014	2014-2015	2015-2016	Total Impact Factor: 221.0
	Publication	18	14	19	Total Citation: 1740
	Conference/ Workshop attended	6	6	15	H - index : 24 I10 - index : 57
	Books/Book Chapter	---	---	03	
(ii)	Dr. Devesh Kumar	2013-2014	2014-2015	2015-2016	Total Impact Factor: 622.6
	Publication	7	8	7	Total Citation: 5389
	Conference/ Workshop attended	1	1	2	H - index : 40 I10 - index : 68
	Books/Book Chapter	---	---	01	
(iii)	Dr. Ramesh Chandra	2013-2014	2014-2015	2015-2016	Total Impact Factor: 45
	Publication	2	---	1	Total Citation: 468
	Conference/ Workshop attended	1	1	1	H - index : 11 I10 - index : 11
	Books/Book Chapter	---	---	---	

(iv)	Dr. Anil Kumar Yadav	2013-2014	2014-2015	2015-2016	Total Impact Factor: 15.3 Total Citation: 42
	Publication	3	---	2	H - index : 3
	Conference/ Workshop attended	2	01	2	I10 - index : 3
	Books/Book Chapter	---	---	---	
(v)	Dr.Devendra Singh	2013-2014	2014-2015	2015-2016	Total Impact Factor: 18.59 Total Citation: 13
	Publication	---	2	3	H - index : 02
	Conference/ Workshop attended	1	2	2	I10 - index : 00
	Books/Book Chapter	---	---	---	
(vi)	Dr. K. B. Thapa	2013-2014	2014-2015	2015-2016	Total Citation: 309
	Publication	---	---	---	H - index : 10
	Conference/ Workshop attended	---		2	I10 - index : 10
	Books/Book Chapter	---	---	--	Total Impact Factor : 27
h-index, total impact factor, citation of the department (Since 2012)					
Total Citation: 7961					
H - index : 90					
I10 - index : 149					

Invited Speaker/Session Chaired in National/International Conferences details of the 5 Years

- International Conference on Nanoscience and Health, Department of Physics, **Banaras Hindu University**, 27 Feb. - 01 March 2014, Varanasi, U.P., India.
- National Conference On "EMERGING TRENDS IN NANOSCIENCE AND NANOTECHNOLOGY" on 23 - 24 December 2014, Department of Physics, Arts, Sci. and Comm. College, Ozar (Mig), **Nasik**, MH, (India).
- DST-RFBR Project meeting at Metallopolymer Lab, Institute of Problems on Chemical Physics

Chernogoloka, Moscow Region, Russia. 25th July -7th August 2014.

- "International Conference on Materials Technologies and Exhibitions (ICMTE-2014), Institute of Materials, **Kuala Lumpur**, Malaysia. 13-16th May, 2014.

Session Chair

- INTERNATIONAL WORKSHOP: Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation, January 16-17, 2015, **B A B A S A H E B BHIMRAO AMBEDKAR UNIVERSITY** (A Central University) Vidya Vihar, Raebareli Road, Lucknow-226025, U.P., India.

- National Conference On “EMERGING TRENDS IN NANOSCIENCE AND NANOTECHNOLOGY” On 23 – 24 December 2014, Department of Physics, Arts, Sci. and Comm. College, Ozar (Mig), Nasik, MH, (India).
- International Symposium on Role of Dendrimers in Nano drug delivery, June 14-15, 2014, CDRI New Campus, Lucknow-26021, U.P., India.
- 2nd Lucknow Science Congress, 27-28 March 2014, Babasaheb Bhimrao Ambedkar University, Lucknow-26025, U.P., India.
- International Conference on Advancements of Science & Technology: Health and Social Issues, Feb. 18-19, 2014, Babasaheb Bhimrao Ambedkar University, Lucknow-26025, U.P., India.
- Dr. Y.K. Mishra, Assistant Professor, University of Kiel, Germany
- Dr. G.C. Dubey, Retd. Scientist ‘G’, Solid State Physics Laboratory, Lucknow Road, Delhi, India
- Dr. Prabhat K. Dwivedi, Nanoscience Center, IIT Kanpur, U.P., India
- Prof. Sahdev, IIT Kanpur
- Dr. Rajesh K. Yadav, KRICT, South Korea
- Prof. Suman B. Beri, Department of Physics, Punjab University, Chandigarh
- Dr. O.P Panday, School of Physics and material Science Thapar University
- Dr. G.N. Sastry, Indian Institute of Chemical Technology, Hyderabad, INDIA
- Prof. O.N. Srivastava, Department of Physics, BHU
- Prof. K. Madhukar Osmania University, Hyderabad
- Dr. Manmeet Kaur, BARC, Mumbai
- Prof. M.S. Yadav, Kurukshetra University
- Prof. J.K. Goswamy Punjab Technical University
- Dr. Amritanshu shukla RG University Chandigarh

Research Guidance

Name	Designation	Qualification	Experience	Specialization
Dr. Devesh Kumar	Head & Associate Professor	Ph.D.	Teaching - 05 years Research - 13 yrs	Theoretical modelling using ab initio method
Dr. B.C. Yadav	Associate Professor	Ph.D.	Teaching - 20 years Research - 13 yrs	a) Material Science b) Thin/thick film Sensors c) Nanoscience & Nanotechnology
Dr. Ramesh Chandra	Assistant Professor	Ph.D.	Teaching-06 years Research - 10 yrs	a) Nuclear Structure b) Double beta decay
Dr. Anil Kumar Yadav	Assistant Professor	Ph.D.	Teaching-more than 06 years Research - 05 yrs	a) Material Science b) Nanoscience c) Ultrasonics d) Theoretical modeling
Mr. Devendra Singh	Assistant Professor	Ph.D. Pursuing	Teaching - 04 yrs	a) Applied Optics b) Theoretical modelling
Dr. Khem B. Thapa	Assistant Professor	Ph.D.	Research- 08 year	a) Material Science b) Applied optic

Membership/Fellowship of Professional/ Academic Bodies

1. **Dr. Devesh Kumar**

- The World Association of Theoretical and Computational Chemists (WATOC)
- Society of Biological Inorganic Chemistry (SBIC)
- Indian Biophysics Society (IBS)
- National Academy of Science

2. **Dr. B.C. Yadav**

1. Indian Science Congress Association (**ISCA**)
2. Optical Society of India (**OSI**)
3. Materials Research Society of India (**MRSI**)
4. National Academy of Science ,Allahabad

3. **Dr. A.K. Yadav**

- Ultrasonic society of India
- Materials Research society of India
- ISCA

DEPARTMENT OF APPLIED MATHEMATICS

D. Introduction of the Department: The Department of Applied Mathematics 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. It is running a Postgraduate programme in Applied Mathematics with an intake of 40 students per year. Further, the Department has been running Ph.D. programme with effect from July 2012. The research areas include; Fluid Mechanics, Numerical Analysis, Mathematical Modeling, Differential Equations and Cryptography. The students for these programmes are admitted on the basis of all India entrance test.

E. Citation Index of the Department:

Prof. B S Bhaduria: 1351 (Citations), 22 (h-index), 51(i-10 index)

Dr. Brajesh Kumar Singh: 211 (Citations), 8 (h-index), 5(i-10 index)

F. Department Level Academic Activities: Organized National Conference on MATHEMATICAL TECHNIQUES IN ENGINEERING & TECHNOLOGY (MTET-2016) (Convener-Dr Brajesh Kumar Singh) during March 30-31, 2016.

G. Courses offered/New Courses: (i) M.Sc. in Applied Mathematics (ii) Ph.D. in Applied Mathematics

H. Visitors to the schools, if any:

1. Prof. R. C. Mittal, Department of Mathematics IIT Roorakee on 12.05.2017
2. Prof. K.R. Pardashani, Department of Mathematics, MANIT Bhopal on 12.05.2017
3. Prof. R. K. Mohanty, South Asian University, New Delhi on 27.05.2017
4. Prof. P.G. Siddheshwar, Department of Mathematics, Bangalore University, Bangalore

5. Prof. Naseem Ahmad, Department of Mathematics, Jamia Millia Islamia, New Delhi

I. Accomplishments of Students:

- Mr. Mahendra, M.Sc., batch 2014-16, qualified GATE in Feb. 2017.
- Ms. Mansi Rathore M.Sc. batch 2013-15 (Selected as Bank PO in State Bank of India in 2017)

J. Faculty wise Supervision of the Ph. D and M. Phil Student/ Dissertation and thesis submission/Degree awarded

S.N.	Name of Ph.D. student	Supervisor	Year of Awarded /submission
1.	Mr. Manoj Kumar Singh	Prof. B S Bhaduria	2017 (Submitted)

K. Co-curricular/Extra-curricular/conferences event organized by the Department:

- Organized National Conference on Mathematical Techniques in Engineering and Technology on March 30, 2016.

L. Future Plans of the Department, if any:

- To establish the Department as a Teaching and Research Centre in the Lucknow city and train the students in Mathematics

M. Research projects: NIL

N. Academic details/activities of the Faculty of your Department under the following heads:

1. Award & Recognition (if any):

- Honoured by the then Governor of UP, Shri B L Joshi in May 2014 along with a research grant of Rs.1,00,000/- for publishing research in high impact factor journals.

2. Members of Board/Committee (outside BBAU):

- **Editorial Board member** of Advanced Nanoscience and Technology: An International Journal (ANTJ) Wireilla Scientific Publications, Australia, since August 2013.
- **Editorial Board member** of International Journal of Physical Research, Science Publishing Corporation, Germany, since March, 2014.
- **Member of Board of Studies** at Department of Mathematics, Ram Swarup Memorial University, Deva Road, Lucknow since 2014.
- **Member, Board of Studies** of Mathematics at DIT University, Dehra Dun, since March, 2014.

3. Details of the Project Sanctioned/Executed (during 01.04.2016 to 31.03.2017): NIL**4. Research Publication (s)**

- Book(s) Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any): NIL
- Paper published : 27
- National Conference/Journals/Paper presentation (if any): 04
- International Conference/Journal/Paper Presentation (if any): 03

5. Participation in Orientation/Refresher Course/ Workshop/Seminar/Conference (if any): NIL**6. Invited Speaker/Session Chaird in National/ International Conferences details (if any):**

05

7. Research Guidance (if any): Mr. Manoj Kumar Singh has submitted his Ph.D. thesis in June 2017 under the supervision of Prof. B S Bhadauria**8. Membership/Fellowship of Professional/ Academic Bodies (if any):Nil****9. Google Scholar Profile (if available):****Google Scholar Citations****Prof. B. S. Bhadauria**

Professor(Full) and Head, Department of Applied Mathematics, School for Physical Sciences, BBA University, Lucknow

Linear and nonlinear thermal Instability, Convection in porous media, Numerical Methods, Mathematical Modeling, Nanofluids

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Citation indices	All	Since 2012
Citations	1351	1120
h-index	22	19
i10-index	51	46

Title1-148	Cited by	Year
Natural convection in a nanofluid saturated rotating porous layer: a nonlinear study BS Bhadauria, S Agarwal Transport in Porous Media 87 (2), 585-602	65	2011
Time-periodic heating of Rayleigh-Benard convection BS Bhadauria, PK Bhatia PhysicaScripta 66 (1), 59	56	2002
Thermal instability of a nanofluid saturating a rotating anisotropic porous medium S Agarwal, BS Bhadauria, PG Siddheshwar Special Topics & Reviews in Porous Media: An International Journal 2 (1)	53	2011
Convective transport in a nanofluid saturated porous layer with thermal non equilibrium model BS Bhadauria, S Agarwal Transport in porous media 88 (1), 107-131	49	2011

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Double-diffusive convection in a saturated anisotropic porous layer with internal heat source BS Bhadauria Transport in porous media 92 (2), 299-320	46	2012
Thermal Modulation of Raleigh-Benard Convection in a Sparsely Packed Porous Medium BS Bhadauria Journal of Porous Media 10 (2)	36	2007
Non-linear convective transport in a binary nanofluid saturated porous layer S Agarwal, NC Sacheti, P Chandran, BS Bhadauria, AK Singh Transport in Porous media 93 (1), 29-49	34	2012
Time-periodic heating of Rayleigh-Benard convection in a vertical magnetic field BS Bhadauria Physica Scripta 73 (3), 296	33	2006
Natural convection in a rotating anisotropic porous layer with internal heat generation BS Bhadauria, A Kumar, J Kumar, NC Sacheti, P Chandran Transport in porous media 90 (2), 687-705	31	2011
Natural convection in a nanofluid saturated rotating porous layer with thermal non-equilibrium model S Agarwal, BS Bhadauria Transport in porous media 90 (2), 627-654	30	2011
Magneto-double diffusive convection in an electrically conducting-fluid-saturated porous medium with temperature modulation of the boundaries BS Bhadauria, AK Srivastava International Journal of Heat and Mass Transfer 53 (11), 2530-2538	30	2010
Double diffusive convection in a porous medium with modulated temperature on the boundaries BS Bhadauria Transport in porous media 70 (2), 191-211	30	2007
Combined effect of temperature modulation and magnetic field on the onset of convection in an electrically conducting-fluid-saturated porous medium BS Bhadauria Journal of Heat Transfer 130 (5), 052601	28	2008
Heat transport in an anisotropic porous medium saturated with variable viscosity liquid under temperature modulation BS Bhadauria, P Kiran Transport in porous media 100 (2), 279-295	27	2013
Study of heat transport by stationary magneto-convection in a Newtonian liquid under temperature or gravity modulation using Ginzburg-Landau model PG Siddheshwar, BS Bhadauria, P Mishra, AK Srivastava International Journal of Non-Linear Mechanics 47 (5), 418-425	25	2012
An analytical study of nonlinear double-diffusive convection in a porous medium under temperature/gravity modulation PG Siddheshwar, BS Bhadauria, A Srivastava Transport in porous media 91 (2), 585-604	25	2012
Nonlinear two-dimensional convection in a nanofluid saturated porous medium BS Bhadauria, S Agarwal, A Kumar Transport in porous media 90 (2), 605-625	24	2011

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Onset of Darcy-convection in a magnetic-fluid-saturated porous medium subject to temperature modulation of the boundaries BS Bhadauria, A Sherani Transport in Porous Media 73 (3), 349-368	24	2008
Convection in Hele-Shaw cell with parametric excitation BS Bhadauria, PK Bhatia, L Debnath International Journal of Non-Linear Mechanics 40 (4), 475-484	24	2005
Effect of modulation on thermal convection instability PK Bhatia, BS Bhadauria Zeitschrift für Naturforschung A 55 (11-12), 957-966	24	2000
Fluid convection in a rotating porous layer under modulated temperature on the boundaries BS Bhadauria Transport in porous media 67 (2), 297-315	23	2007
Synchronous and asynchronous boundary temperature modulations of Bénard-Darcy convection PG Siddheshwar, BS Bhadauria, OP Suthar International Journal of Non-Linear Mechanics 49, 84-89	22	2013
Effects of time-periodic thermal boundary conditions and internal heating on heat transport in a porous medium BS Bhadauria, I Hashim, PG Siddheshwar Transport in porous media 97 (2), 185-200	22	2013
Nonlinear Thermal Instability in a Rotating Viscous Fluid Layer Under Temperature/Gravity Modulation BS Bhadauria, PG Siddheshwar, OP Suthar ASME J Heat Transfer 134 (10), 102502 (9)	21	2012
Weakly non-linear analysis of Rayleigh-Bénard convection with time periodic heating BS Bhadauria, PK Bhatia, L Debnath International Journal of Non-Linear Mechanics 44 (1), 58-65	21	2009
Linear and nonlinear double-diffusive convection in a saturated anisotropic porous layer with Soret effect and internal heat source AA Altawallbeh, BS Bhadauria, I Hashim International Journal of Heat and Mass Transfer 59, 103-111	19	2013
Study of heat transport in a porous medium under G-jitter and internal heating effects BS Bhadauria, I Hashim, PG Siddheshwar Transport in porous media 96 (1), 21-37	19	2013
Finite difference formulae for unequal sub-intervals using Lagrange's interpolation formula AK Singh, BS Bhadauria Int. J. Math. Anal 3 (17), 815	19	2009
Chaotic and oscillatory magneto-convection in a binary viscoelastic fluid under G-jitter BS Bhadauria, P Kiran International Journal of Heat and Mass Transfer 84, 610-624	18	2015
Weakly Nonlinear Stability Analysis of Temperature/Gravity-Modulated Stationary Rayleigh-Bénard Convection in a Rotating Porous Medium BS Bhadauria, PG Siddheshwar, J Kumar, OP Suthar Transport in porous media 92 (3), 633-647	18	2012

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Effect of thermal modulation on the onset of centrifugally driven convection in a rotating vertical porous layer placed far away from the axis of rotation BS Bhadauria, OP Suthar Journal of Porous Media 12 (3)	18	2009
Double diffusive convection in a porous layer saturated with viscoelastic fluid using a thermal non-equilibrium model A Kumar, BS Bhadauria Physics of Fluids 23 (5), 054101	17	2011
Non-linear two dimensional double diffusive convection in a rotating porous layer saturated by a viscoelastic fluid A Kumar, BS Bhadauria Transport in Porous Media 87 (1), 229-250	17	2011
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Effect of temperature modulation on the onset of Darcy convection in a rotating porous medium BS Bhadauria Journal of Porous Media 11 (4)	17	2008
Weak non-linear oscillatory convection in a viscoelastic fluid layer under gravity modulation BS Bhadauria, P Kiran International Journal of Non-Linear Mechanics 65, 133-140	16	2014
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Effect of internal-heating on weakly non-linear stability analysis of Rayleigh-Bénard convection under g-jitter BS Bhadauria, I Hashim, PG Siddheshwar International Journal of Non-Linear Mechanics 54, 35-42	16	2013
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Effect of low-frequency modulation on thermal convection instability PK Bhatia, BS Bhadauria Zeitschrift für Naturforschung A 56 (6-7), 509-522	14	2001

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Convective heat transport by longitudinal rolls in dilute Nanoliquids S Agarwal, BS Bhadauria Journal of Nanofluids 3 (4), 380-390	13	2014
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Temperature modulation of double diffusive convection in a horizontal fluid layer BS Bhadauria Zeitschrift für Naturforschung A 61 (7-8), 335-344	10	2006
Effect of rotational speed modulation on heat transport in a fluid layer with temperature dependent viscosity and internal heat source BS Bhadauria, P Kiran Ain Shams Engineering Journal 5 (4), 1287-1297	9	2014
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Transient free convective flow of a nanofluid in a vertical channel NC Sacheti, P Chandran, AK Singh, BS Bhadauria International Journal of Energy & Technology 4 (32), 1-7	7	2012
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A study on the onset of thermally modulated Darcy-Bénard convection OP Suthar, PG Siddheshwar, BS Bhadauria Journal of Engineering Mathematics 101 (1), 175-188	4	2016
Weak Nonlinear Double Diffusive Magneto-Convection in a Newtonian Liquid under Gravity Modulation. BS Bhadauria, P Kiran Journal of Applied Fluid Mechanics 8 (4)	4	2015
A local nonlinear stability analysis of modulated double diffusive stationary convection in a couple stress liquid BS Bhadauria, PG Siddheshwar, AK Singh, VK Gupta Journal of Applied Fluid Mechanics 8 (1), 15-26	4	2015

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Flow patterns in linear state of Rayleigh-Bénard convection in a rotating nanofluid layer S Agarwal, BS Bhadauria Applied Nanoscience 4 (8), 935-941	4	2014
Gravity modulation of thermal instability in a viscoelastic fluid saturated anisotropic porous medium BS Bhadauria, AK Srivastava, NC Sacheti, P Chandran Zeitschrift für Naturforschung A 67 (1-2), 1-9	4	2012
Linear stability of solutal convection in a mushy layer subjected to gravity modulation AK Srivastava, BS Bhadauria	4	2010
Effect of modulation on Rayleigh-Benard convection-II BS Bhadauria Zeitschrift für Naturforschung A 58 (2-3), 176-182	4	2003
Thermal modulation of Rayleigh-Benard convection BS Bhadauria Zeitschrift für Naturforschung. A, A Journal of physical sciences 57 (9-10 ...	4	2002
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Effect of g-jitter on the onset of thermosolutal viscoelastic convection in the absence of local thermal equilibrium OP Suthar, BS Bhadauria, A Khan Special Topics & Reviews in Porous Media: An International Journal 3 (3)	3	2012
Chaotic Convection in a Viscoelastic Fluid Saturated Porous Medium with a Heat Source BS Bhadauria Journal of Applied Mathematics 2016	2	2016
Thermal instability of a nanofluid layer under local thermal non-equilibrium S Agarwal, BS Bhadauria Nano Convergence 2 (1), 6	2	2015
Chaotic convection on rotating fluid layer VK Gupta, BS Bhadauria, I Hashim, J Jawdat, AK Singh Alexandria Engineering Journal	2	2015
On onset of chaotic convection in couple-stress fluids JM Jawdat, I Hashim, BS Bhadauria, S Momani Mathematical Modelling and Analysis 19 (3), 359-370	2	2014
WEAK NONLINEAR STABILITY ANALYSIS OF RAYLEIGH- BENARD CONVECTION IN A ROTATING NANOFLUID LAYER S Agarwal, BS Bhadauria Nanomechanics Science and Technology: An International Journal 4 (3)	2	2013
Onset of double diffusive convection in a thermally modulated fluid-saturated porous medium BS Bhadauria, A Sherani Zeitschrift für Naturforschung A 63 (5-6), 291-300	2	2008

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Stability and Bifurcation Analysis of A Harvested Predator-Prey Model MK Singh, BS Bhadauria Mathematical Sciences international Research Journal ISSN, 2278-8697	2	
Qualitative analysis of a Leslie-Gower predator-prey system with nonlinear harvesting in predator. MK Singh, BS Bhadauria, BK Singh International Journal of Engineering Mathematics	1	2016
Bifurcation analysis of modified Leslie-Gower predator-prey model with double Allee effect MK Singh, BS Bhadauria, BK Singh Ain Shams Engineering Journal	1	2016
Throughflow and rotational effects on oscillatory convection with modulation. P Kiran, BS Bhadauria Nonlinear Studies 23 (3)	1	2016
Weakly nonlinear oscillatory convection in a rotating fluid layer under temperature modulation P Kiran, BS Bhadauria Journal of Heat Transfer 138, 051702(1-10)	1	2016
Developing buoyancy driven flow of a nanofluid in a vertical channel subject to heat flux NC Sacheti, P Chandran, AK Singh, BS Bhadauria Int. J. Engg Mathematics	1	2014
Study of heat and mass transport in temperature-dependent-viscous fluid under gravity modulation BS Bhadauria, P Kiran Malaya Journal of Matematik,, 33-48	1	2013
On the linear stability analysis of double diffusive convection in a viscoelastic fluid saturated porous layer with cross diffusion effects and internal heat source AA Altawallbeh, I Hashim, BS Bhadauria AIP Conference Proceedings 1830 (1), 020008		2017
Stability analysis, chaos control of a fractional order chaotic chemical reactor system and its function projective synchronization with parametric uncertainties VK Yadav, S Das, BS Bhadauria, AK Singh, M Srivastava Chinese Journal of Physics 55, 594-605		2017
Throughflow and G-jitter effects on chaotic convection in an anisotropic porous medium BS Bhadauria, A Singh Ain Shams Engineering Journal		2017
Oscillatory magneto-convection under magnetic field modulation P Kiran, BS Bhadauria, Y Narasimhulu Alexandria Engineering Journal		2017
Qualitative Analysis of an Additional Food Provided Predator-Prey Model in the Presence of Allee Effect MK Singh, BS Bhadauria International Journal of Applied and Computational Mathematics, 1-23		2017

Title1-148	Cited by	Year
THROUGHFLOW EFFECT ON WEAKLY NONLINEAR OSCILLATORY CONVECTION IN A VISCOELASTIC FLUID SATURATING POROUS MEDIUM UNDER TEMPERATURE MODULATION BS Bhadauria Journal of Porous Media 20 (6)		2017
Influence of Heat Sources and Thermal Boundary Conditions on Natural Convective Currents in a Trapezoidal Porous Cavity NC Sacheti, P Chandran, AK Singh, BS Bhadauria Indian Journal of Industrial and Applied Mathematics 8 (1), 1-13		2017
Stability analysis and internal heating effect on oscillatory convection in a viscoelastic fluid saturated porous medium under gravity modulation BS Bhadauria, MK Singh, A Singh, BK Singh, P Kiran International Journal of Applied Mechanics and Engineering 21 (4), 785-803		2016
Onset of Convection in Porous Medium Saturated by Viscoelastic Nanofluid: More Realistic Result. A Srivastava, BS Bhadauria Journal of Applied Fluid Mechanics 9 (6)		2016
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025 INDIA

Cryptography & Numerical Analysis

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SCHOOL FOR EDUCATION

Brief Description of the School:

The School of Education has established to address the felt need of the country in the 21st Century in relation to empowerment of teachers in the context of current trend of skills shortage and unemployment. While efforts are under the way to implement programmes ranging from Certificate to Diploma and P.G. Diploma, Bachelor, Master and Ph.D. in the discipline of education from all stages (nursery, elementary, secondary, senior secondary, college and university including technical and vocational). As per

the guidelines of the University Grants Commission, six centers are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of Education. Again the primary reference point for designing and delivering the programmes are at par with the needs and demands of the Industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula (CPDTETEC) has already started M.A Education Programme under Innovative Course.

DEPARTMENT OF EDUCATION

Introduction of the Department:

Department of Education has the objective of training teachers for secondary schools as well as academicians committed to the cause of education in its various forms. Department of Education has adopted Ambedkar's integrated system of education through which education, cultural sensitivity and service can be provided to motley of communities that vary from one another. If education is the vehicle of change, then the need for having adequately trained personnel becomes urgent. Department of Education offers B. Ed., M. A. in Education and research programme leading to Ph.D. It has an active research cell. The institute has been a committed participant in the ongoing debate on New Education Policy. Through its Extension Services Wing, it also realizes the value of follow-up programmes for providing opportunities for in-service training in the recognition of school courses, improvement of school programmes, new methods and techniques, etc. for the teachers of secondary schools in various districts of Utter Pradesh. The students of this institute are provided with a very serious, adequate, guided and supervised field practice teaching in the schools of Lucknow district. The Department has a well-equipped Audio-Visual Unit to facilitate quality improvement and mobilization in the teaching-learning process.

Short term and long term goals

Short term goals

1. Designing highly employable Innovative Programmes

2. Developing Curriculum for School Education
3. Practicing Pedagogical Innovations
4. Promoting Action Research
5. Community Outreach

Long term goals

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

Citation index of the department

NA

Department Level Academic Activities

Micro teaching, simulated teaching, internship, Practice teaching, Field studies, Dissertation, Educational tour, Seminar, workshop, symposium etc.

Courses offered

B.Ed., M.A. Education and Ph.D.

Visitors of the Department:

1. Prof. Anil Shukla (Head and Dean, Dept. of Education, Lucknow University)
2. Prof. U.C. Vashist (Dept. of Education, Lucknow University)
3. Dr. K.M. Bhandarkar (Chairman Council for Teacher Education (CTE))
4. Prof. K.P. Pandey (Former V.C. Mahatma Gandhi Kashi Vidyapeeth)
5. Prof. Saroj Sharma, Guru Govind Singh Indraprasth University, Sector-16, Dwarika, New Delhi

Accomplishments of Students:

NA

Faculty wise Supervision of the Ph.D.:

Dr. Harishankar Singh (Head & Associate Professor)

1. Meena Vishweshwar Rakshe, Research Scholar
2. Gopal Singh, Research Scholar

Co - Curricula/ Extra - curricular/ conferences event organized by the Department:

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 etc.

Future Plan

The department is planning to launch M.Ed. Course in order to produce good teacher educators for the society and the country.

Research project:

Nil

Academic Details/ Activities of the Faculty:**1. Dr. Harishankar Singh, Associate Professor**

<i>Details of Research Publication</i>			
Book	Edited Book	Book Chapter	Paper Published
02	01	04	02

<i>Details of National/ International Conferences</i>		
Paper Presented in National/ International Conferences	Participation in Orientation/ Refresher Course/ Workshop/ Seminar/ Conference	Invited Speaker/ Session Chaired in National/ International Conferences
05 National Level	01 Workshop as Resource Person	01 Session Chaired in National Level

<i>Research Guidance</i>
03 Ph. D. Scholars enrolled

<i>Membership/ Fellowship of Professional/ Academic Bodies</i>
<ol style="list-style-type: none"> 1. All India Association for Educational Research (AIAER) 2. Council for Teacher Education (CTE) 3. Global Educational Research Association (GERA)

2. Dr. Victoria Susan Ijjina, Assistant Professor

<i>Details of Research Publication</i>		
Book/ Edited Book	Book Chapter	Paper Published
01	08	02

Details of National/ International Conferences

Paper Presented in National/ International Conferences/Seminar	Participation in Orientation/ Refresher Course/ Workshop/ Seminar/ Conference	Invited Speaker/ Session Chaired in National/ International Conferences
04 - International 04 - National	01- Workshop as Resource Person 01- Orientation Course	03 - Session Chaired in International Conferences 02 - Session Chaired at National Conferences

Membership/ Fellowship of Professional/ Academic Bodies

- All India Association for Educational Research (AIAER)
- Indian Association of Teacher Educators (IATE)

1. Dr. Shanu Singh, Assistant Professor*Details of Research Publication*

Book/ Edited Book	Book Chapter	Paper Published
01	01	01

Details of National/ International Conferences

Paper Presented in National/ International Conferences/Seminar	Participation in Orientation/ Refresher Course/ Workshop/ Seminar/ Conference	Invited Speaker/ Session Chaired in National/ International Conferences
04 - National	04	01 - Session Chaired at National Conferences

Membership/ Fellowship of Professional/ Academic Bodies

- Tabeer Foundation - An NGO for Academic promotion)
- Inner Wheel Club 'VIDUSHI' - An NGO working towards upliftment of schools unprivileged & Children

2. Dr. Sangeeta Chauhan, Assistant Professor*Details of Research Publication*

Book/ Edited Book	Book Chapter	Paper Published
0	02	01

Details of National/ International Conferences

Paper Presented in National/ International Conferences/Seminar	Participation in Orientation/ Refresher Course/ Workshop/ Seminar/ Conference	Invited Speaker/ Session Chaired in National/ International Conferences
02 National Conferences 14 National Seminar	01- Workshop 01- Summer School Refresher Course, UGC-HRDC, Lko	04 - Session Chaired in National Seminar

Membership/ Fellowship of Professional/ Academic Bodies

- All India Association for Educational Research (AIAER)
- Indian Association of Teacher Educators (IATE)
- Association of Indian University (AIU)

3. Dr. Rajesh Ekka, Assistant Professor

<i>Details of Research Publication</i>		
Book/ Edited Book	Book Chapter	Paper Published
02	02	02

<i>Details of National/International Conferences</i>		
Paper Presented in National/ International Conferences/Seminar	Participation in Orientation/ Refresher Course/Workshop/ Seminar/ Conference	Invited Speaker/ Session Chaired in National/ International Conferences
02 - National	-	01 - Session Chaired at National Conferences

<i>Membership/ Fellowship of Professional/ Academic Bodies</i>
1. All India Association for Educational Research (AIAER) 2. Indian Association of Teacher Educators (IATE)

भाषा एवं साहित्य विद्यापीठ

परिचय :

भाषा एवं साहित्य विद्यापीठ के अन्तर्गत हिन्दी विभाग संचालित है।

संकायाध्यक्ष:- प्रो० रिपु सूदन सिंह

विद्यापीठ का संक्षिप्त विवरण

21वीं सदी में देश में रोजगार परक पाठ्यक्रमों के प्रति विद्यार्थियों के अधिक रुझान एवं भाषा एवं साहित्य के प्रति बढ़ती उदासीनता को ध्यान में रखते हुए भाषा एवं साहित्य को बढ़ावा देने हेतु विश्वविद्यालय में भाषा एवं साहित्य विद्यापीठ की स्थापना की गयी। इसमें देश में प्रचलित विभिन्न भाषाओं के विद्यार्थियों को पढ़ने का अवसर मिलेगा तथा पत्रकारिता आदि के क्षेत्र में रोजगार के अवसर प्राप्त होंगे। भाषा एवं साहित्य के अध्ययन द्वारा तुलनात्मक साहित्य के अध्ययन के मार्ग खुलेंगे जिससे विभिन्न देशों और राज्यों की भाषाओं बोलियों के अध्ययन द्वारा विभिन्न संस्कृतियों और उसके साहित्य को जानने समझने के अवसर उपलब्ध हो सकेंगे। इसके अलावा लेखन के क्षेत्र में विभिन्न सरकारी व गैर सरकारी संस्थाओं में नौकरी के पर्याप्त अवसर भी प्राप्त होंगे। भारत सरकार एवं राज्य सरकारों के अन्तर्गत संचालित विभिन्न संस्थानों में भी भाषा एवं साहित्य को बढ़ावा देने का कार्य किया जाना है।

हिन्दी विभाग

परिचय : वर्तमान समाज तथा संस्कृति की चुनौतियों और रोजगार की संभावनाओं को भारतीय ही नहीं वरन् वैश्विक परिप्रेक्ष्य को ध्यान में रखते हुए बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय में स्नातकोत्तर हिन्दी पाठ्यक्रम जुलाई 2013 से आरम्भ किया गया। यह विश्वविद्यालय अपने अध्ययन, अध्यापन और शोध की दृष्टि से एक अन्तर्राष्ट्रीय मानक रखता है। समाज, सभ्यता तथा रोजगार के नये-नये पहलुओं को ध्यान में रखते हुए विश्वविद्यालय ने हिन्दी साहित्य स्नातकोत्तर पाठ्यक्रम को वर्तमान नये ढंग से निर्मित किया है। यह पाठ्यक्रम वर्तमान समाज में विद्यार्थियों को न केवल अपने ही देश में बल्कि समूचे विश्व में रोजगार की संभावना उपलब्ध कराता है। विश्वविद्यालय का इस बात पर जोर रहा है कि हिन्दी में स्नातकोत्तर अध्ययन करते समय विद्यार्थी को ज्ञान-विज्ञान के दूसरे अनुशासनों की भी इतनी जानकारी मिल चुकी हो कि वे साहित्य व मानव सभ्यता के सम्बन्धों को ठीक-ठीक पहचान सकें और उनमें रचना एवं अनुसंधान की मौलिक प्रतिभा का विकास हो सके। स्नातकोत्तर-हिन्दी की अवधि 4 छमाही (दो वर्ष) है और इसमें 40 छात्रों के अध्ययन की सुविधा है।

समन्वयक— डॉ० शिल्पी वर्मा

विभागीय शैक्षणिक क्रियाकलाप

1. विभाग में 30 छात्रों ने अध्ययन हेतु आवेदन किया जिसमें से

15 छात्र काउन्सिलिंग में आए और शुल्क जमा किया परन्तु दो छात्र अध्ययन हेतु नहीं आ सके।

2. विभाग में स्ववित्तपोषित पाठ्यक्रम के अन्तर्गत संचालित हिन्दी पत्रकारिता में स्नातकोत्तर डिप्लोमा के अध्ययन हेतु कुल 05 छात्रों ने आवेदन किया जिसमें से 02 छात्रों ने प्रवेश लिया।
3. हिन्दी विभाग ने अपना एक ब्लाग (hindivibhagbbau.blogspot.in) एवं अपना एक फेस-बुक एकाउन्ट तैयार किया है जिस पर विभागीय गतिविधियां एवं सूचनाएं प्रसारित की जा रही हैं। फेस-बुक एकाउन्ट से विश्व स्तर के 60 विद्वान जुड़ चुके हैं और आगे भी जुड़ने का प्रयास कर रहे हैं इससे विश्वविद्यालय के आचार्यों, छात्रों एवं बुद्धीजीवियों को जोड़ने की योजना है। विभिन्न प्रकाशन एवं पत्रिकाओं को भी इससे जोड़ा गया है।

पाठ्यक्रमों की पेशकश/नये पाठ्यक्रम

हिन्दी विभाग में एम० ए० हिन्दी नियमित पाठ्यक्रम के रूप में एवं हिन्दी पत्रकारिता में स्नातकोत्तर डिप्लोमा (स्ववित्त पोषित) एक वर्षीय पाठ्यक्रम संचालित किये जा रहे हैं।

छात्र/छात्राओं की उपलब्धियाँ

विभाग में अध्ययनरत छात्रा सुश्री दीक्षा ने सिंह जनवरी 2017 में विश्वविद्यालय अनुदान आयोग द्वारा आयोजित राष्ट्रीय पात्रता परीक्षा नेट (जे.आर.एफ) एवं विभाग की पूर्व छात्रा सुश्री अनीता ने यू.जी.सी. नेट उत्तीर्ण किया।

शिक्षकों द्वारा निर्देशित कार्य

हिन्दी विभाग में संचालित पाठ्यक्रमों हेतु विश्वविद्यालय अनुदान आयोग द्वारा 4 पद सहायक आचार्य, 2 पद उपाचार्य एवं 1 पद आचार्य के सृजित किये गये हैं जिनकी नियुक्ति प्रक्रिया विश्वविद्यालय स्तर पर चल रही है।

उक्त पाठ्यक्रमों के पाठन हेतु हिन्दी विभाग में 05 अतिथि सहायक आचार्यों की नियुक्ति की गयी जिनके कुशल निर्देशन में पठन-पाठन का कार्य विधिवत चल रहा है।

विभाग द्वारा आयोजित संगोष्ठी/गतिविधियाँ

1. दिनांक 09 अप्रैल, 2016 हिन्दी विभाग द्वारा राहुल सांकृत्यायन की 123वीं जन्म शती के उपलक्ष्य में "21वीं सदी में 22वीं सदी के लेखक : राहुल सांकृत्यायन" विषय पर एक विचार गोष्ठी का आयोजन किया गया, जिसमें वर्तमान समय में राहुल सांकृत्यायन के विचार और उनकी विश्व-दृष्टि को ध्यान में रखते हुए उनके साहित्य की प्रासंगिकता और महत्व पर चर्चा की गयी।

2. हिन्दी विभाग द्वारा अम्बेडकर अध्ययन विद्यापीठ के सभागार में महान कथाकार, साहित्य शिल्पी, विश्व साहित्य के धरोहर मुंशी प्रेमचन्द की 136वीं जयन्ती के उपलक्ष्य में आयोजित जयन्ती समारोह सप्ताह के दौरान दिनांक 06 अगस्त, 2016 को विषय "21वीं सदी में प्रेमचन्द" पर एक विचारोत्तेजक विचार गोष्ठी का आयोजन किया गया।
3. हिन्दी विभाग द्वारा आचार्य हजारी प्रसाद द्विवेदी की 109वीं जयन्ती के उपलक्ष्य में दिनांक-19 अगस्त 2016 को 'आचार्य हजारी प्रसाद द्विवेदी की अन्तरदृष्टि और 21वीं सदी' विषयक एक विचार-गोष्ठी का आयोजन किया गया।
4. हिन्दी विभाग द्वारा दिनांक-18 नवम्बर 2016 को एक काव्य-गोष्ठी का आयोजन किया गया जिसमें कवि श्री शमीम अब्बास, ठाणे, महाराष्ट्र एवं श्री लक्ष्मण दुबे, मुम्बई, महाराष्ट्र उपस्थित रहे।
5. हिन्दी विभाग, बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ के अम्बेडकर अध्ययन विद्यापीठ के सभागार में अन्तर्राष्ट्रीय मातृभाषा दिवस के अवसर पर दिनांक 21 फरवरी, 2017 को "भारत के विकास में मातृभाषा का योगदान" विषय पर एक विचारोत्तेजक विचार गोष्ठी का आयोजन किया गया।
6. दिनांक 08 मार्च, 2017 को अन्तर्राष्ट्रीय महिला दिवस के अवसर पर हिन्दी विभाग की समन्वयक डॉ० शिल्पी वर्मा द्वारा ग्राम तोंदेखेडा, रजनी खण्ड, लखनऊ की मलिन बस्तियों में जागरूकता अभियान के तहत उनको स्वास्थ्य, स्वच्छता एवं शिक्षा के प्रति जागरूक करने का कार्य किया गया।
7. विभाग द्वारा दिनांक 22 मार्च 2017 को "इक्कीसवीं सदी में हिन्दी पत्रकारिता के समक्ष चुनौतियाँ : भाषा एवं साहित्य का द्वन्द्व" विषय पर एक दिवसीय राष्ट्रीय संगोष्ठी का आयोजन पर्यावरण विज्ञान विद्यापीठ के सभागार में हुआ। यह एक दिवसीय राष्ट्रीय संगोष्ठी चार चरणों में सम्पन्न हुई—

उद्घाटन सत्र

प्रथम सत्र : हिन्दी पत्रकारिता का वर्तमान परिदृश्य एवं जनसंचार माध्यम में हिन्दी की भूमिका

द्वितीय सत्र : कॉरपोरेट की दुनिया और हिन्दी इलेक्ट्रॉनिक मीडिया का बदलता स्वरूप : भाषा एवं साहित्य का द्वन्द्व

समापन सत्र

राष्ट्रीय संगोष्ठी के विषय—

1. हिन्दी पत्रकारिता का वर्तमान परिदृश्य एवं जनसंचार माध्यम

में हिन्दी की भूमिका

- हिन्दी पत्रकारिता : उद्भव एवं विकास
- 21वीं सदी की हिन्दी पत्रकारिता : चुनौतियाँ और मुद्दे
- पत्रकारिता : मिशनरीकरण के दौर से मुनाफे के दौर तक
- राजनीतिक शक्तियों का पत्रकारिता पर बढ़ता दबाव
- पत्रकारिता और नियंत्रण
- 2. कॉरपोरेट की दुनिया और हिन्दी इलेक्ट्रॉनिक मीडिया का बदलता स्वरूप : भाषा एवं साहित्य का द्वन्द्व
- पूँजीवाद और जन सरोकार : इलेक्ट्रॉनिक मीडिया
- इलेक्ट्रॉनिक मीडिया में विज्ञापन संस्कृति का दबाव
- प्रस्तुतीकरण के नए रूप
- मीडिया में विनिवेश की नयी संस्कृति
- सामाजिक / राजनीतिक मुद्दे और मीडिया
- इलेक्ट्रॉनिक मीडिया और स्वनियमन

विभाग की भावी योजनाएँ :

- अन्तर्राष्ट्रीय गांधी अध्ययन केन्द्र विकसित करना
- मीडिया लैब खोलने का प्रस्ताव
- विभागीय पुस्तकालय को समृद्ध करना
- विभागीय प्रकाशन का प्रस्ताव
- विभाग में देवनागरी लिपि खोलने का प्रस्ताव
- विभागीय ब्लाग को अद्यतन बनाना और उसे जारी रखना
- हिन्दी भाषा और उच्चारण विज्ञान पर आधारित प्रयोगशाला का निर्माण
- प्रवासी साहित्य का अध्ययन-अध्यापन
- विदेशी विश्वविद्यालयों में अध्ययनरत हिन्दी विषय के विद्यार्थियों तथा हिन्दी विभाग के विद्यार्थियों का विदेशी विश्वविद्यालयों में भाषिक अध्ययन हेतु पारस्परिक आदान-प्रदान
- उत्तर आधुनिक विमर्शों पर अन्तरराष्ट्रीय संगोष्ठियों का आयोजन
- अन्तरराष्ट्रीय स्तर तथा अहिन्दी भाषी क्षेत्रों में हिन्दी के प्रचार-प्रसार एवं सौहार्द हेतु तुलनात्मक शोध को बढ़ावा देना
- प्रत्येक दो वर्ष में पाठ्यक्रम नवीनीकरण

ANNUAL REPORT OF UNIVERSITY INSTITUTE OF ENGINEERING TECHNOLOGY (SESSION 2017-2018)

The **University Institute of Engineering and Technology** (UIET) at Babasaheb Bhimrao Ambedkar University (A Central University) was established in the year 2013 under the guidance of **Dr. Devesh Kumar** as the Director and Mr. Devendra Singh as Co-ordinator of UIET and provided an outstanding academic environment complemented by excellence in Teaching. In the year of 2016 **Prof. Vipin Saxena** has been appointed as the Director of UIET and he has given new and innovative amplitude to the UIET. Since 5th June 2017 **Prof. Kaman Singh** has been appointed as Coordinator of the CET. Recently in 62nd Academic Council meeting held on 1st Sept 2017, its earlier name UIET has been restored. Director, designation is also restored. Director will also be dean of the UIET. 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 Department are to 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	Duration	No. of Seats
B.Tech.	04 Years	30
M.Tech.	02 Years	30

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	Duration	No. of Seats
B.Tech.	04 Years	30

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 to hydrology. This department is student-oriented and multi-faceted research prone and is dedicated to work together to build a sustainable future through the development of civil infrastructure and betterment of global environment.

Laboratory facilities include the Laboratories of Structure analysis, Hydraulics, Building material & construction, Geo informatics, Environmental, CADD etc. 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 interdisciplinary 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	Duration	No. of Seats
B.Tech.	04 Years	30

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	Duration	No. of Seats
B.Tech.	04 Years	30
M.Tech.	02 Years	30

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 Jet Colour 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	Duration	No. of Seats
B.Tech.	04 Years	30

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. Vipin Saxena 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 the Department 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.

GAUTAM BUDDHA CENTRAL LIBRARY

1.0 Brief Note of the Library

The 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 Gautam Buddha.



Figure 1: Gautam Buddha Central Library

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, training and research programs. During the period, the Library was opened for 291 days 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. It 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 47695 documents

and it provides access to 9442 full-text online journals.

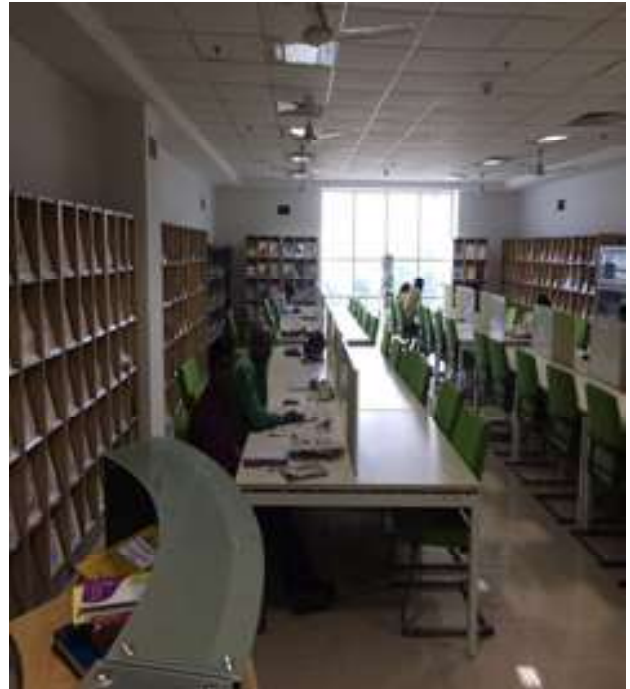


Figure 2: Periodical Section

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 new Library building consists of an area of 7917 sq.m.

1.2 Opening Hours

The Library remains open on each working day from 8:00 AM to 8:00 PM for its readers. On Saturday, it opens from 9:30 AM to 6:00 PM. The reading rooms of the Library open 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 period, the section procured 1627 books including 426 in Hindi through spending Rs. 866233.00.

1.3.1.1 Procedure for Book Purchase: The following procedure has been adopted for procurement of books for the Library.

- **Through Recommendation:** Recommendation forms duly filled by the university fraternity with signature by the 50% the faculty of the Department are forwarded by the concerned Head of the Department to the Library.
- **Through Book Exhibition:** Book Exhibitions have been organized by the University time to time. Faculty, Research Scholar and Students select the books during the Exhibition. The lists of selected book send to the Department by the Library for completing recommendation formalities.



Figure 3: Selection of books in a Book exhibition

1.3.2 Technical Section: After the acquisition of the documents, the technical processing work i.e. classification and cataloging for easy retrieval of the documents is done by technical section. The classification of documents has been carried out by using DDC 23rd edition.

1.3.3 Circulation section: The section provides membership to the students, faculty and other staff of the University. The books are issued to the Library users according to their privileges on all the working days. The section has enrolled 2523 members of the library in 2016-17. The details of membership are given below:

Table 1: Membership of the Library

Serial No.	Type of Membership	Male	Female	Total
1	U.G. Students	423	292	715
2	P.G. Students	767	820	1587
3	Ph.D. Students	65	32	97
4	Faculty	84	27	111
5	Non-Teaching	10	0	10
6	Guest Faculty	01	02	03
Grand Total		1350	1173	2523

Table 2: Borrowing Privileges

Category	Privileges	No. of Days
Faculty	8	One Semester
Group "A" Officials	3	30
Research Scholars	4	15
PG/UG Students	2	15
Others	2	15

Table 3: Books issued

S. No.	Items	Total
1	Book issued during the year 2016-17	21126
2	Users consulted the Library	83592
3	Overdue Charges collected	Rs. 41029.00
4	Total Membership as on 31/03/2017	2523



Figure 4: Students in the Reading Section

1.3.4 Periodical section: In the section, new periodical publications, newspapers, and magazines have been added. The section subscribed 46 journals, 53 magazines and 24 newspapers for the year 2016-17 through spending Rs. 114960.00. The section has a seating capacity of 50 students at a time where they have offline access to various journals, reports, faculty publication, magazines, and newspapers, etc. During

the period, 5238 users visited in the section.

1.3.5 Cyber Section: Cyber section has a total number of 25 computers with the facility of access to the internet. 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 2016-17, 7731 students visited in the section.



Figure 5: Students Accessing e-Resources at Cyber 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 of 256 Ph.D. thesis and 877 dissertations are available in this section of various departments of the University.

2.0 Facilities and services available in the Library: Following facilities and services are available in the Library for its user community:

2.1 Remote Access System: The Library has 'RemoteXs' system. It is an online tool to access all the subscribed online resources including online journals and databases remotely i.e. from home, out of BBAU Campus and out of India through the Internet. In this system, all the full-text online resources of BBAU have been accessed at single window platform through <http://bbau.remotexs.in> portal using your User ID/Email and password. In this system, more than 600 users have been registered by the Library in the RemoteXs system.

2.2 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.

2.3 Circulation: The issue and return of the documents service are provided to the users from the circulation counter of the Library.

2.4 Document Delivery Service (DDS): Library provided a hard/soft copy of articles which is requested by the users under DDS.

2.5 Hindi Prakosth: The Library also extended its services in the form of 'Hindi Prakosth' by which use of Hindi collection of books are encouraged.

2.6 Email Alert: The Library is used an email i.e. centrallibrary.bbau@gmail.com to provide alert services such as overdue of books, etc. to the users.

2.7 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.

2.8 Reference service: The reference service is provided to students, faculty & other users for locating of required documents and consultation of various digital resources of the library.

2.9 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.

2.10 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. More than 750 users consulted this facility during the year.

2.11 New Arrival: Library has been providing new arrival facility for display of the newly acquired documents.

2.12 Faculty Publication: This service dedicated to the faculty of the University, where they can display their research publications. More than 50 Articles including Book Chapters have displayed in the section during the year.

2.13 Plagiarism checking: The Library is a member of 'Shodhganga' project of INFLIBNET. Under this project, the plagiarism checking software (i.e. Urkund) facility has been provided to the Central Library. The Library has been checked plagiarism for e-thesis and e-articles of the University fraternity. During the year, 256 documents are uploaded in Urkund for checking the plagiarism.

2.14 Information Literacy Program: Under information literacy program, training on effective use of e-Resources has been organized by the Library for Ph.D. students of the University. The Library organised

three trainings on **Effective use of e-Resources** for Ph.D. Scholars of the University on 23rd, 27th and 28th February 2017 and 102 Research Scholars were trained.

2.15 Library Automation: The Library partially 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 47000 books have migrated to this software. Now, users can access Library catalog through the WebOPAC from the web address <http://library.bbau.ac.in> or <http://14.139.228.238/>. The Library has been working on fully automation of the library in-house activities.

2.16 Website of the Gautam Buddha Central Library: A new Website of the Gautam Buddha Central Library has been developed which is launched by Hon'ble Member of Parliament Shri Shiv Prasad Shukla on 10th

January 2017. 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/> or library.bbau.ac.in. After launch of the website, within three months (i.e. January to March 2017) 5160 users used the website. In view of the popularity of smartphones among students and faculty, the Library has also developed its *Website for Mobile Phone Users* which is linked with the Library website.

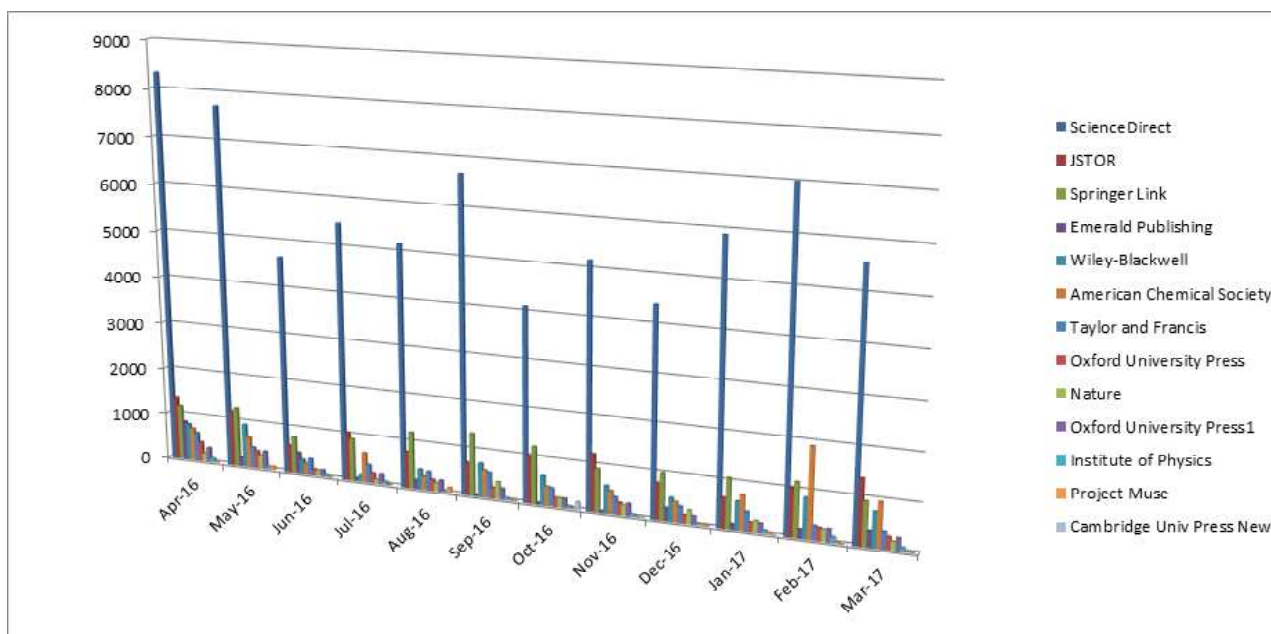
2.17 Use of e-Resources: The usage of e-Resources has been obtained from InfiStats of INFLIBNET. The data shows that during the period, 127884 documents/articles have download from various e-resources provided by INFLIBNET under e-ShodhSindhu consortium.



Figure 6: Library Website

Table 4: Usage of e-Resources

Resource/Months	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Total
Science Direct	8320	7708	4653	5478	5151	6676	4110	5164	4398	5886	6995	5576	70115
JSTOR	1364	1193	588	1031	777	717	1006	1217	781	644	1021	1383	11722
Springer Link	1178	1276	786	905	1208	1343	1219	920	996	1065	1153	932	12981
Emerald Publishing	840	186	458	63	190	27	35	42	281	118	198	347	2785
Wiley-Blackwell	788	930	322	145	432	728	630	589	500	602	851	753	7270
American Chemical Society	704	661	244	635	290	588	410	493	430	746	1905	950	8056
Taylor and Francis	618	445	360	387	402	546	387	365	349	421	304	366	4950
Oxford University Press	413	378	138	213	243	244	190	264	181	208	275	273	3020
Nature	176	285	126	89	181	368	197	225	294	252	254	191	2638
Oxford University Press 1	308	388	138	213	248	244	197	264	181	208	275	273	2937
Institute of Physics	90	69	51	67	38	52	53	60	42	79	125	95	821
Project Muse	24	72	6	11	114	17	16	11	43	22	23	8	367
Cambridge Univ. Press New						11	160	41	10	0	0	0	222
Grand Total													127884

**Figure 7: Usage of e-Resources**

3.0 Books and Journals

3.1 **Books:** The details of books available in the Library are given in the following table.

Table 5 : Books

S. No.	Items	Total
1	Total Number of Books as on 31/03/2017	47695
2	Books Purchased during the year 2016-17	1201
3	वर्ष 2016-17 के दौरान खरीदी गयी हिन्दी पुस्तकों की संख्या	426

3.2 Journals: The details of databases, online journals and print magazines/periodicals have been given below.

3.2.1 Online E-resources: The library provides access to 2 Bibliographic databases and 14 Full-text databases in various areas like Science, Social Science, Arts & Humanities, Engineering, Law, etc. to the University fraternity through E-ShodhSindhu. The access of approximately following 9442 full-text e-journals has been provided to the users.

Table 6: Bibliographic Database

S. No	Name of the Bibliographic Database
1	Institute for Studies in Industrial Development (ISID) Database
2	JGate Plus (JCCC)

Table 7: Full-Text Online Databases

S. No.	E-resources	No of Full-Text Journals
1	American Chemical Society	49
2	Cambridge University Press	224
3	Economic & Political Weekly	1
4	Emerald Univ. Collection	133
5	Institute of Physics	46
6	JSTOR	3071
7	Manupatra	-
8	Nature	1
9	Oxford University Press	262
10	Project Muse	648
11	ScienceDirect (10 Subject Collection)	1274
12	Springer Link	1739
13	Taylor and Francis	1079
14	Wiley Blackwell Publishing	915
Total Full-Text Journals		9442

3.2.2 Print Journals: The Library has been subscribed 46 print journals and 36 journals have been received through gift.

Table 8 : Print Journals

S. No.	Items	National	International	Total
1	Print Journals	46	-	46
	Expenditure			Rs. 114960.00
2	Gifted Print Journals	36		36
3	Visitors in the periodical section			5238

3.2.3 Newspapers, Magazines and Reports

Table 9 : Newspapers, Magazines and Reports

S. No.	Items	Language			Total
		Hindi	English	Urdu	
1	Newspapers	13	9	2	24
2	Magazines	10	43	-	53
3	Reports	6	22	-	28

4.0 The Library at a Glance: The statistics at a Glance of the Library for the year 2016-17 has been given in the following table.

Table 10 : Library at a Glance

S. No.	Items	Total
1	Total Number of Books as on 31/03/2017	47695
2	Books Purchased	1201
3	वर्ष 2016-17 के दौरान खरीदी गयी हिन्दी पुस्तकों की संख्या	426
4	Full-text online journals accessible	9442
5	Print Journals Subscribed	46
6	News papers subscribed	24
7	Magazines subscribed	53
8	Number of days Library opened	291
9	Seating capacity of users	300
10	Number of Registered users	2523
11	Books issued	21126
12	Users consulted the Library	83592
13	Registered users in the RemoteXs	621
14	Number of articles/documents downloaded from e-Resources	127884
15	Documents uploaded in Urkund	256
16	Expenditure on Books	Rs. 866233.00
17	Expenditure on Journals	Rs. 114960.00

5.0 Library Staff

1. Dr. Sunil Gorla, University Librarian- Overall Supervision of University Library System.
2. Mr. Om Prakash Saini, Assistant Librarian:- In-charge of Periodical Section, Cyber Section, Photocopy Service, Braille Section.
3. Mr. Nitesh Kumar Verma, Assistant Librarian: In-charge of Acquisition Section, Circulation

Section, Reference Section, RFID and Maintenance of the Library. Development of Library Websites and Library Automation work.

4. Mr. Nilesh Kumar, Professional Assistant: In-charge of Technical Section, Assist in Acquisition Work, CCTV and Library Automation, Management of Departmental Library.
5. Mrs. Rina Kumari, Library Assistant: Assist in Acquisition, Technical Processing, and Book Rectification.
6. Mrs. Avinash Kaur, Library Assistant: All job related to circulation Section i.e. Registration of members, issue return of books, an overdue reminder. Reference service and maintenance of Book Racks/Stack Area.
7. Mrs. Satvinder Kaur, Library Assistant: Assist to All job related to circulation Section i.e. Registration of members, issue return of books, an overdue reminder. Shelving of Books returned/used by the user.
8. Mr. Deewan Singh, MTS.

6.0 Publications

Publications of Dr. Sunil Gorla

Book

- i. Sobti, R.C., R.B. Ram, Sunil Gorla, Shilpi Verma and Sudarshan Verma. (2017) Original thoughts and speeches of Babasaheb Dr. B.R. Ambedkar. Delhi: Jaya Publishing House.

Publications of Mr. O.P. Saini

Articles Published in Journals (National):

- i. Saini, O. P. & Jasbir Singh. (2016). Student

Practices on Internet in Engineering Colleges in the District Solan, Himachal Pradesh (India). *International Journal of Science, Technology and Society*. Vol 2 (1&2), pp.39-49. ISSN: 2395-7395. DOI: <http://dx.doi.org/10.18091/ijsts.v2i1-2.7541>.

Books/books Chapters Published (National):

- i. Vajpai, Manish Kumar, O. P. Saini & Sharad Sonker. Ed. (2016). Library Services in Digital Environment: An Innovative Approach. New Delhi: Consortium Books. 183p. ISBN: 978-81-923060-4-9.
- ii. Saini, O. P. & Jasbir Singh. (2016). Impact of web 2.0 on Libraries. In Reimagining of Academic Libraries' Edited by Hanchilal, Veeresh, B. New Delhi: Universal Publications. 1-8pp. ISBN: 978-93-83342-22-8.
- iii. Saini, O. P. & Jasbir Singh. (2016). Cloud Computing and Library Automation. In Reimagining of Academic Libraries' Edited by Hanchilal, Veeresh, B. New Delhi: Universal Publications. 9-15 pp. ISBN: 978-93-83342-22-8.

Publications of Mr. Nitesh Verma

National/International Conference

- i. Verma, M. K., Verma, N.K. (2016). Academic Boost in Higher Education System of India through Library Consortia: A Study of UGC-INFONET and INDEST-AICTE Consortia. LIPS-2016: From Ownership to access: Leveraging the Digital Paradigm (pp. 84-88). New Delhi: Synergy Books India.

REMEDIAL COACHING PROGRAMME (RCP)

Remedial Coaching Programme

(RCP) has been sponsored by the University Grants Commission, New Delhi and Babasaheb Bhimrao Ambedkar University has been organizing regular remedial coaching classes for the benefit of underprivileged students after its inauguration by Hon'ble Ex- Vice-Chancellor Prof. G. Nancharaiah on Feb 4th 2002 to onwards.

Evolution of the Centre:

- Soon after the UGC sanctioned the project, University initiated the coaching programme with its first year of implementation of program 55 students have been registered with 40 male and 15 female students. Counselling of the students has been conducting since 2002 onwards.
- During X plan period the coaching programmes were conducted on following areas under :-
 1. Computer hands on training
 2. Language & Communication Skills
 3. Personality development
 4. General Aptitude and Competitive awareness
 5. Special lectures were delivered on the preparation of UGC-NET, CSIR Life sciences etc.

The coaching classes are conducted by highly qualified professionals from IIM Lucknow, IIT Kanpur, KGMU Lucknow, CSIR Institutes Lucknow, SGPGI Lucknow, Giri Institute Lucknow, IAS/PCS Coaching Centre Bhagidhari Bhavan Lucknow, University of Lucknow and our University actively contributed in order to provide maximum benefit to underprivileged

students.

- During XI & XII plan period the coaching programmes were conducted on following areas by the centre under schemes of UGC :
 - 1) **Remedial Coaching Programme:** To improve academic skills and linguistic proficiency of the students of various subjects through RCP programmes namely Spoken English and Computer training have been conducted.
 - 2) **NET Coaching:** In order to ensure that more and more SC/ST/ Minority and OBC (non-creamy layer) candidates become eligible to apply for teaching posts, the UGC will continue the scheme for coaching SC/ST and Minorities to prepare for National Eligibility Test (NET) or State Level Eligibility Test (SLET) for Lecturers, during the XIth Plan and same programme has been conducted by the University under merged scheme.
 - 3) **Coaching for Entry in service:** To prepare students belonging to SC/ST/OBC (non-creamy layer) and Minority communities to get gainful employment in Group 'A', 'B' or 'C' Central services, State services or equivalent positions in the private sector, coaching has been initiated during the XI plan period.

Conduction of Special lecture classes: Centre is also inviting **renowned resource persons** who have made a mark in their respective areas of work for delivering Special lectures for preparation of Civil Service and NET Examinations.

Counseling of the students: Time to time counseling of the students is being conducted for creating awareness about higher education and importance of UGC Scheme.

Summary Table (Programs - wise)

S. No.	Year	No. of Student Enrolled		
		Remedial Coaching Programme	Coaching for Entry in Service	Coaching for NET Program
1	2006-07	136	-	-
2	2007-08	202	-	-
3	2008-09	439	-	185

S. No.	Year	No. of Student Enrolled		
		Remedial Coaching Programme	Coaching for Entry in Service	Coaching for NET Program
4	2009-10	647	92	253
5	2010-11	723	68	213
6	2011-12	515	165	116
7	2012-13	1177	305	213
8	2013-14	876	188	251
9	2014-15	617	232	327
10	2015-16	395	101	252
11	2016-17	328	76	215

Facilities available at the centre:-

Registered students can avail library and internet facility for necessary information at the Centre.

Objectives of the scheme

- The motto is providing quality coaching program to the aspirants belonging to SC/ST's / Minorities and Women category.
- To improve the academic skills and linguistic proficiency of the students in various subjects.
- To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.
- To strengthen their knowledge, skills and attitude in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that the necessary guidance and training provided under the programme may

enable the students to come up to the level necessary for pursuing higher studies efficiently and to reduce their failure and dropout rate.

- To provide career guidance and psychological counselling for capacity building to those who are in need of such counselling

Future Plans

- Introducing innovative teaching methods for spoken English and communication skills.
- Up gradation of library facilities for the centre.
- Strengthening of infrastructure for the centre.

A. Faculty Details

S. No.	Name	Designation	Qualification	Area of specialization
1.	Prof. Sanjay Kumar	Coordinator	Ph.D. (Horticulture)	All Branches of Horticulture

UNIVERSITY PLACEMENT CELL (UPC)

General overview of the University Placement Cell:

The most significant resource of any civilized society is its trained and skilled manpower. In the contemporary competitive world, education is not just a mode of transmitting knowledge but equipping the students with the contemporary professional skills and ability to take up the global challenges for contributing the society to a greater extent as well as fulfilling their career aspirations. The University Placement Cell was constituted under the dynamic leadership of Honourable Vice Chancellor **Prof. R.C Sobti**. Since its inception, the Cell is helping the students to identify the organizations for training and placement. Further, Campus Interviews are organized to provide opportunity to the students to showcase their talent and to facilitate them to be placed in various organizations across India and Abroad. The University Placement Cell is dedicated to support the students in their pursuit to get jobs in the esteemed organizations. In addition to this specialized lecture, workshops and job fairs are organized to provide students different platforms to attain their respective heights.

Constitution of the University Placement Cell:

Chairman	: Professor (Dr.) R.C. Sobti Hon'ble Vice Chancellor, BBAU.
Convener	: Dr. Sunita Chandra Registrar, BBAU.
Coordinator	: Dr. M.S. Khan Head, Dept. of Rural Management.
Contact Us:	
E-mail	: upcbbau007@gmail.com
Web	: http://bbau.ac.in//new/cpc.aspx

Placement Members:

Members of the Central Placement Cell: One nominated faculty member from each department.

UPC Objectives:

The main objective of the placement cell is to strive to help and guide students to get deserving placements through state-of-the-art technology,

innovation, leadership and partnerships. Supreme emphasis is laid on providing the most modern and sophisticated learning environment coupled with Indian heritage and value systems. The teaching methodology is contemporary which keeps the students and the staff abreast with the ever-changing scenario in the educational arena along with a fine blend of traditional Indian ethics and value systems. Tradition gives us ethics and values and modernity gives us opportunity to apply those values to move ahead and make our mark. The academic and cultural activity at BBAU provides a platform where all students come together and explore the individual and group talents and resources. The faculty and management possess a high degree of integrity and knowledge that churns the students into efficient and effective human beings. The University provides guidance and support for graduating students to build their future through its constituent units. Particularly the Postgraduate institutes of the University are organized to assist passing out students in seeking employment opportunities. The industry too recognizes that the University students have appropriate inputs to make them better professionals to make a career in the industries. The University through its constituents also has continual interaction with reputed national and multinational companies that visit the campuses for recruiting the graduating students.

Fundamental Functions of the Central Placement Cell:

The Central Placement Cell functions with full time academic and professional staffs. The functions of the Cell are as follows:

To guide and help students to find a work placement that best suits their career goals. This involves training the students in all Steps for a Work Placement.

- To have close liaison with the industry for placement of the students,
- To help students Preparing their CVs, & Covering Letters.
- To organize the entrepreneurship workshops,
- Training students in Aptitude Tests and Interview Techniques,
- Also involving in constant Job Search, finding

Work Placement Opportunities and giving the students General Advice and Guidance.

- Gathering information about the Companies that required the skilled People.
- Identifying potential placement opportunities.
- To establish Contacts with corporate bodies.
- To collect feedback from the companies coming for placement,
- Arranging Industrial Visits for project work for all courses.
- The Cell provides the infrastructural facilities to conduct group discussions, tests, and interviews besides catering other logistics.
- The training and placement cell facilitates the process of placement of students passing out from the university.

Activities and Achievements:

Activities Conducted by University Placement Cell.

May 2017:

1. Future Generali & Industrial Trust Limited Company visited the Campus on 15.05.2017. **06 students were selected and offered placement.**
2. Notice regarding Campus Interview by Live India TV for Summer Internship, Trainee Program and fresher recruitment to the Mass Communication and Journalism student was displayed on department notice board and university website.
3. Campus Interview notice for paid Summer

Internship by a Lucknow based company on 11th June 2017 at 11:00 am in the Department of Rural Management, RCA Building was displayed on University Website and Notice Board.

June 2017:

4. U Turn Solutions visited the campus on 11th June 2017 for campus interview and paid Summer Internship. 10 students were selected.
5. Notice regarding Screening Test for "Business Development Executive" role offered by the Axiom Land base Pvt. Ltd Company.
6. Internship notice for M. Tech female candidate on the university website and eng. department notice board.
7. Notice regarding University Placement Advisory Committee Member.
8. Recruitment notice by Pulsus/Omics International Pvt. Ltd. For Trainee Life Science/ Assistant Managing Editor.

August 2017:

9. OYO Campus Crew engagement program notice on to the university website.
10. Notice regarding Two Hours Training Programme by SEBI at Lko on the University website and notice board. 50 students were selected.
11. Recruitment notice by Elite for B-School graduates.
12. Notice for Campus Interview on 29.08.2017 by Wellsun Farmers Fertilizer Pvt. Ltd.

05 students were selected & offered Placement.

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

S. No.	Name	Designation
01	Vice Chancellor	Chairman
02	Prof. R. B. Ram, Advisor to VC	Member
03	Prof. R. A. Khan (Head of the Department)	Member
04	Dr. Shura Darapuri (Head of the Department)	Member
05	Dr. Surinder Kumar (Head of the Department)	Member
06	Prof. S. Victor Babu (in capacity of Professor)	Member
07	Prof. K.L. Mahawar (in capacity of Professor)	Member
08	Prof. Sudarshan Verma (in capacity of Professor)	Member
09	Dr. Shashi Kumar (in the capacity of Associate Professor)	Member
10	Dr. M. L. Meena (in the capacity of Assistant Professor)	Member
11	Dr. K. Sharmila (in the capacity of Assistant Professor)	Member
12	Dy. Registrar (SC/ST)	Convener/Member Secretary

STATUS OF ADVISORY COMMITTEE MEETING FOR SC/ST HELD IN BBA UNIVERSITY, LUCKNOW DURING FINANCIAL YEAR 2016-17.

S.No.	Details of Meetings	Status
1.	16 th Advisory Committee Meeting (Dated 31.03.2016)	ATR completed
2.	17 th Advisory Committee Meeting (Dated 04.08.2016)	ATR completed

STATUS OF GRIVANCE REDRESSAL CELL MEETING HELD IN BBA UNIVERSITY, LUCKNOW DURING FINANCIAL YEAR 2015-16

S.No.	Details of Meetings	Status
1.	1 st Grievance Redressal Committee Meeting (Dated 29.03.2016) <i>Meeting continued for five working days.</i>	ATR completed

STATUS OF EQUAL OPPORTUNITY CELL MEETING HELD IN BBA UNIVERSITY, LUCKNOW DURING FINANCIAL YEAR 2016-17

S.No.	Details of Meetings	Status
1.	1 st Equal Opportunity Cell Meeting (Dated 19.04.2016)	ATR completed
2.	2 nd Equal Opportunity Cell Meeting (Dated 27.10.2016)	ATR completed

STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT ONLINE APPLICATIONS FORWARDED DURING 2016-17 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

S. No.	Category	Total received	Verified	Rejected	Total Forwarded
1	All Category	1680	1527	7	1520
2	General	480	435	2	433
3	SC	718	657	3	654
4	ST	16	15	2	13
5	OBC	364	326	0	326
6	Minority	102	94	0	94

FINAL STATUS OF POST-MATRIC SCHOLARSHIP AND FEE REIMBURSEMENT DURING 2016-17 TO THE SOCIAL WELFARE OFFICE, LUCKNOW (IN NOS.)

	General	SC	ST	OBC	Minority	Grand Total
Total Students Applied	433	654	13	326	94	1520
Student in Nos to whom scholarship sanctioned	418	620	12	323	94	1467
Scholarship Amount (in Rs.)	2603770	4178850	89380	2008740	575810	9456550
Fee Reimbursement Amount (in Rs.)	12578850	28422525	575600	8756175	2464550	52797700

DISTRIBUTION OF CERTIFICATE OF YUVA SAMVAD PROGRAM CONDUCTED BY CEERGNIDYD/BBAU/SAYEN ON 11-03-2016 TO MORE THAN 115 STUDENTS ON REGIONAL CONSULTATION ON SUSTANABLE DEVELOPMENT DEVELOPMENT AND YOUTH EMPOWERMENT FOR MARGINALIZED YOUTH

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.

UNIVERSITY COMPUTER CENTRE

Computer Center was established in the year 2008; Computer Centre provides quality service to the University community in computing facilities.

It caters to the teaching/ learning, research needs of various Schools, Departments, Centres, Community Centres and also needs of administrative sections of the University.

It helps researchers to get their research data analyzed, extends Internet facilities in the University, enables access to World Wide Web and provides laboratory facility to all the students and researchers of university.

It also manages and maintains various servers, computers and peripherals and also helps in design and development of software requirements of university from time to time.

Services

- Computer Centre supports an Local Area Network that connects all the academic units, hostels, library and other central facilities to the Computer Centre.
- BBAU main website maintenance and hosting.
- University Email server maintenance and hosting.
- Web based Application Development.
- Recruitment of Teaching and Non-Teaching posts is being managed through a Online Recruitment Portal during 2015-16.
- This portal designed and developed by Computer Centre.
- To date we have managed four online recruitment and details of the same is given below in the table.
- Live coverage of all major events including video conferencing & teleconferencing.
- High speed internet browsing facility for all the students (UG, PG & Ph.D.).
- Preparation of their projects symposium & Seminars for all the students (PG & Ph.D.).
- Provides assistance to the student as and when required for their academic work.

- Provides computers hardware maintenance and support to all departments and sections which covers about 1000 computers and its peripherals.
- Provides technical assistance during the conferences / seminars & university functions etc.
- Designing, expansion and maintenance of campus wide network.
- Training programs for faculty, staff, research scholars and PG students.

Staff

S.N.	Name	Designation
1.	Prof. R.A. Khan	Director
2.	Dr. Dhirendra Pandey	Assistant Director
3.	Shri A. Thangaraj	Computer Operator
4.	Ashar Taqui *	Network Assistant
5.	Shailendra Pandey *	LAN Assistant
6.	S.M. Siddiqui *	LAN Assistant
7.	Mukesh Dubey *	Web Assistant
8.	Dharmendra Kumar *	Web Assistant (Recruitment Portal)

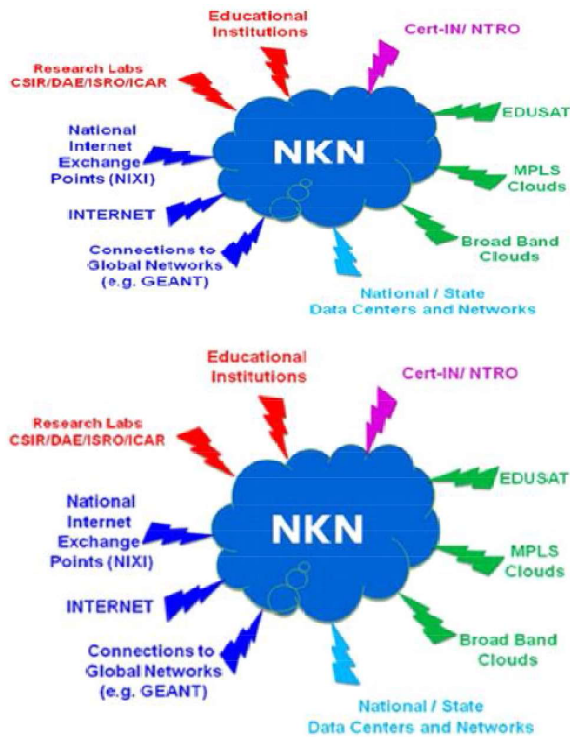
* On outsourcing

Computing Equipment's

1.	Computer :	65
2.	Server :	07
a.	NKN Proxy Server	
b.	Recruitment & In House Mailing System Server	
c.	Web Server	
d.	LAN & DHCP Server (Wi-Fi)	
e.	Examination (COE Section)	
f.	Finance/ Account Server & Admin (Finance section)	
3.	Printer & Scanner :	03

National Knowledge Network (NKN)

Internet services are being provided across the University using 1 Gbps bandwidth at Campus as part of NKN. At present more than 3500 nodes are connected on the network being served by 4 servers, 90 Wi-Fi access device, 14 RF (Radio Frequency devices) 75 switches & routers. Configuration & Model HP ProLiant ML 570 Server.



Configuration & Model

HP ProLiant ML 570 Server.

- **CPU** : Intel Xeon MP E 7530, 1.86 GHz, 12MB L3 Cache, 5.86 GT/S
 - **Motherboard** : Intel 7500 Chip Set
 - **Memory** : 16 GB 800 Mhz DDR3 FBD RAM Upgradable to 256 GB
 - **Hard Disk Drive** : 3 x 146 GB, 10000 rpm SAS Hot Plug
 - **Monitor** : 43.2 cm (17") TFT, TCO-03 Certified
- DVD ROM: 8x DVD Rom Drive



On Line UPSs details

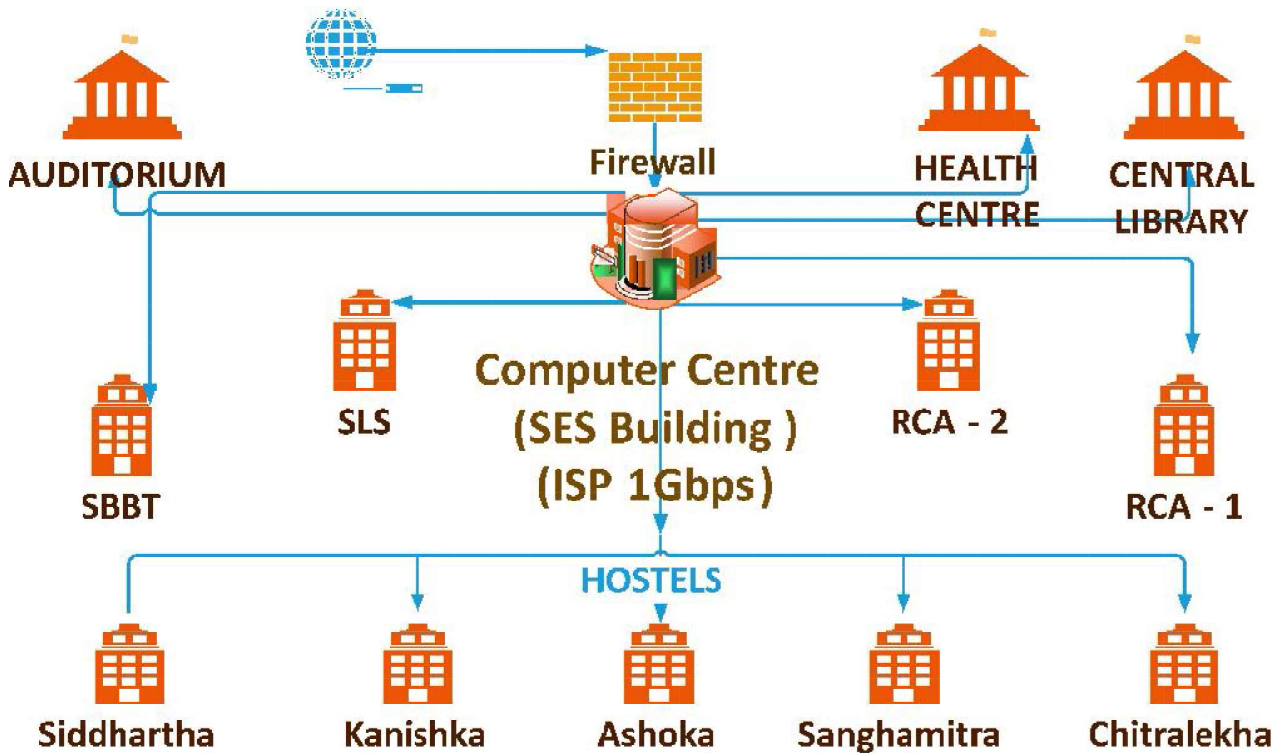
- Two Uniline 10 KVA online UPS are installed for power backup.
- One neo power make 1KVA online UPS installed for providing power backup to Managed switch (L3 Layer)

LAN & DHCP Server

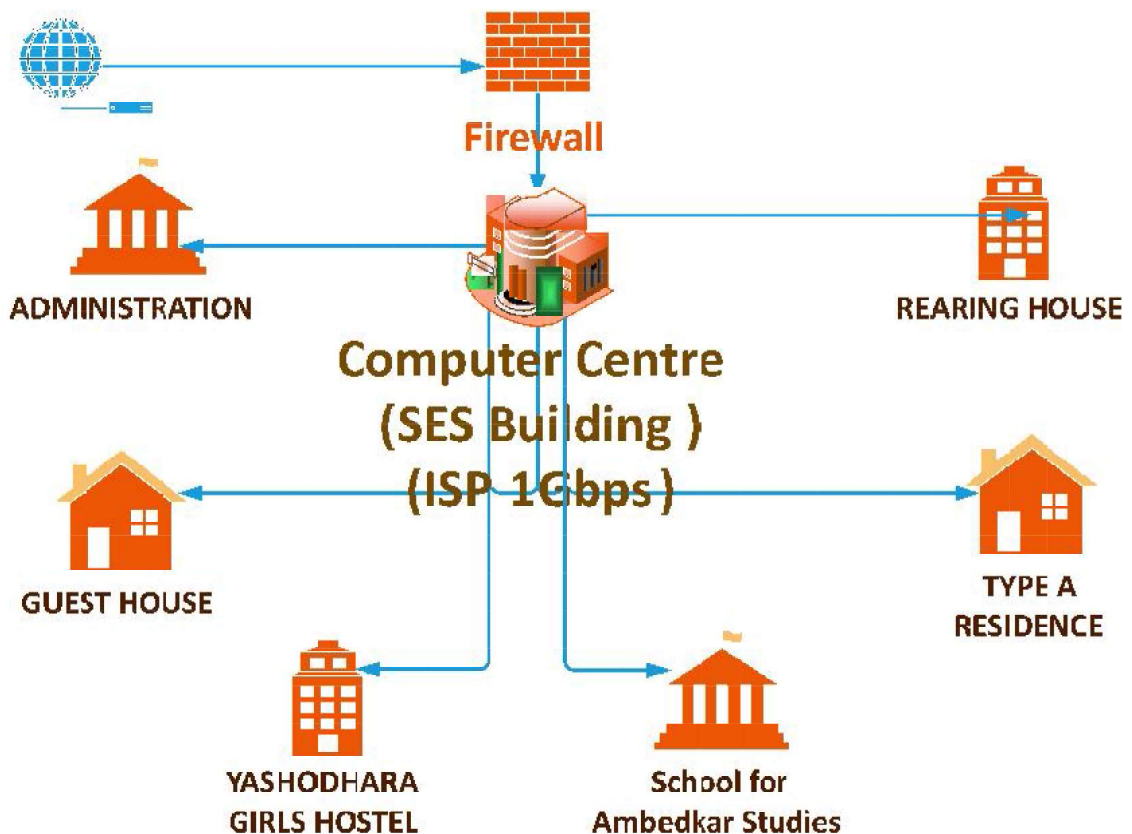
(Wi-Fi)




Campus-wide Fiber Layout Diagram




Campus-wide Wi-Fi Layout Diagram



Online Recruitment Portal



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
(A Central University, Estd -1996)
VIDYA VIHAR, RAIBARELI ROAD, LUCKNOW-226026
website: www.bbau.ac.in
Application Form for Teaching and Non-Teaching Posts



Application Form for Teaching Posts & Last Date For Applying on or before 6:00 PM 07/10/2014.

User Login

Applicant ID

Email

Password

User Register

Name

Date of Birth

Email

Category Teaching Non Teaching

Name of Post Applied For

Website Server





Babasaheb Bhimrao Ambedkar University
Established 1996



SMOKE, TOBACCO & POLYTHENE FREE GREEN CAMPUS

Welcome to BBAU, Lucknow

- About BBAU
- VC Message
- Statutory Bodies
- University Act Statutes
- Academic Ordinance
- R&P Rules (Non Teaching)
- BBAU Administration
- UGC Regulation 2010
- Ph.D Regulation 1999
- Careers
- Right To Information
- Location
- Revised Fee Structure
- Grievances Redressal Cell
- NAAC
- Students Corner
- Online Admission 2015



The Babasaheb Bhimrao Ambedkar University, Lucknow is one of the premier central Universities in the country. The jurisdiction of this residential University is over the entire state of Uttar Pradesh. Babasaheb Bhimrao Ambedkar University is a Central University, established on 10th January 1996. The 250 acres' University campus named 'Vidya Vihar' is located off the Raebareli road, about 10 Km. south of Charbagh, the main Railway Station of Lucknow. As one of the chief objectives of the University to cater to, and promote, the educational needs of the marginalized people, particularly the SC/ST communities and Women. Read more...

"It is the education which is the right weapon to cut the social slavery and it is the

- Website of the university is hosted and maintained by the staff of Computer Center
- Circular/Notices are uploaded on the website regularly.
- Necessary updations on the links are being maintained on the server like Academic, Admin., on line admission etc.

BBAU Website

Campus wide equipment installed which are being maintained by Computer Centre

1. Computers :	1000
2. Laser Printers :	300
3. On-Line UPSs :	40
4. Off-Line UPSs :	300
5. L2 Managed Network Switches :	20
6. L2 Un-managed Switch :	75
7. Router :	01

8. L3 Switch :	01
9. Laptop :	40
10. Wi-Fi Access point :	102
11. Radio antenna (RF) :	24

Future Plans

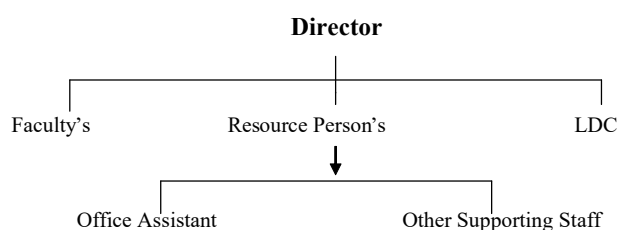
- University is planning to implement high level cyber Security through Unified Theft Management (UTM) in near future.
- Desktop computers in the Computer Centre shall be increased upto 500.
- Planning to provide a Central facility for computer printing from remote location.
- A separate ISP of a 500 mbps has been planned besides the available NKN connectivity of 1 Gbps as a backup.
- High speed wi-fi network facility will be provided to all buildings in the campus.

RESIDENTIAL COACHING ACADEMY

Introduction

Residential Coaching Academy (RCA) has been sponsored by the **University Grants Commission**, New Delhi to nourish the requirement of the aspirants for various competitive exams. RCA is established with a motto of nurturing the aspirants of various competitive exams belonging to **Women and socially marginalized classes viz., SC, ST's and Minorities** with residential facilities during their coaching period. The competitive exams include Union Public Service Commission, State Public Civil Services Commission, Uttar Pradesh Public Service Commission (Judiciary), Railway Recruitment Board, Staff Selection Commission and other similar exams.

Academy Profile



Staff:-

S.No.	Name	Designation
1.	Prof. Ram Chandra	Director, RCA
2.	Dr. Yuvana Satya Priya	Assistant Prof., RCA
3.	Dr. A. Mahadeva	Assistant Prof., RCA
4.	Mr. Rohit Dhanuk	LDC, RCA(absent from 27.9.2017)

Current Working Contractual Staff:-

- 1) One Librarian Assistant (Female)
- 2) Two Attendant (Male)
- 3) One Attendant (Female)
- 4) One Lab Assistant (Vacant)
- 5) One Electrician (Male)
- 6) One Plumber (Male)

Courses Offered:-

Residential Coaching Academy provides Coaching Classes for following Competitive Exams:-

- Union Public Service Commission (Prelims and Mains)
- Uttar Pradesh Public Service Commission (Prelims and Mains)
- Uttar Pradesh Public Service Commission (Judiciary)
- Staff Selection Commission
- Banking Recruitment Board
- Staff Selection Commission Etc.

Students' admission to RCA, BBAU for session 2016-17

Admission process

- Advertisement for the admission was held on **10.11.2016** in National Dailies.
- Last date for receiving application was on **10.12.2016**
- National Level Entrance Exam was conducted in Lucknow and Delhi on **24.12.2016**
- Total number of applications received from the eligible candidates - **606**
- Number of candidate's attended National Level Entrance Exam - **598**
- Number of Candidates invited to attend a interview - **304**
- Number candidates attended interview - **232**
- Number of Boys got admission as on 20.2.2017 - **59**
- Number of Girls got admission as on 20.2.2017 **41**
- Total Number of aspirants admitted as on 20.2.2017 - **100**
- Number of Boys accommodated in RCA Boys Hostel - **56**
- Number of Girls accommodated in University Girls Hostel - **37**

Outcome of the coaching program (2016-17).

The following candidates qualified for various jobs under different Board and selection Commission

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)	2016	03
		2015	06
4.	Staff Selection Commission (SSC)	2016	01
5.	Institute of Banking Personnel Selection (IBPS)	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

Infrastructure Improved (2016-17)

During the session 2016-17 the following infrastructure facility is improved for better functioning which was essential to students.

a) Library books doubled for all Subject



b) Computer Lab facilities created



- c) Class room facilities improved
- d) Boys and Girls Hostel infrastructure facility renovated for drinking water and renovation of rooms
- e) Creation of sports ground and its beautification at RCA building.
- f) Improvement of recreation rooms.

Academic Activities

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:

S.No.	Subject	Name of Expert
1.	General Science	Prof. Rajiv Bhandari <i>Chandigarh University</i>
		Ms. Mira Bhandari
2.	Indian Polity	Prof. Manoj dixit <i>Vice Chancellor, RMLA University, Faizabad</i>
3.	Medieval History	Dr. Priyatosh Sharma <i>Panjab University</i>
4.	Statistics and Current Affairs	Prof. Kalpana Mahajan <i>Panjab University</i>
		Mr. Ravi Mahajan
5.	Motivational Lecture	Prof. Ved Prakash <i>Former Chairman, UGC, New Delhi</i>



Special lecture by Prof. Rajiv Bhandari



Special lecture by Dr. Priyatosh Sharma

Challenges faced by RCA, BBAU

- There was a limited to rules/regulations and guidelines given by the UGC. Therefore, it took time to frame a proper structure, direction and shape in overall administrative issues.
 - The majority of the admitted students are from Uttar Pradesh. Their knowledge and competency about the competitive exams are very poor. Therefore, it is lengthy process to make them competent. Hence, this requires special attention for their improvement. So, immediate result may not be expected, in forthcoming days they will be definitely in various Government positions.
 - The RCA performance should be reviewed annually and extension of any staff should be performance based majority of them consider permanent and do not work.
 - The fund for current session 2017-18 is not released so far after March 2017.
 - The availability of highly professional Resource persons are limited in Lucknow. The remuneration is not good enough to hire the outstation Resource Persons.
- There is 40% seat reserved for women candidates but there is no separate RCA Girls hostel.
 - Current engaged staff in RCA does not feel responsibility as desired therefore routine work suffers.
9. UGC's assistance to resolve the problems facing by RCA.
 - Financial assistance for the Construction of RCA Girls' Hostel.
 - Financial assistance to procure more computer desktops, furniture, other electronic gadgets for smart classes, online coaching program and English language lab.
 - Highly qualified and professional teachers are not taking assignment in RCA due to meager amount of remuneration. Therefore, there is an urgency to revise the remuneration amount by UGC.
 - There is a need for additional posts like Librarian, Hostel Wardens (Boys and Girls Hostel) and Assistant Staffs to them. Requesting UGC to sanction the above said posts.
 - The drop outs of candidates are more. Because the admitted candidates are from the poor socio-economic backgrounds. They were unable to pay monthly mess charges and number of free ship recipients is very low. Therefore, action shall be taken to increase the free ship (preferably to all the admitted candidates)
 - Mess charge rebate shall be given to all the admitted candidates.
 - Financial assistance to enrich the Library, extending sports facility exclusively in RCA, Soil Filling around RCA Boys Hostel, Solar water heaters in RCA Boys' Hostel and Solar street lights nearby RCA premises.
10. Issues to be addressed in future days.
 - Opportunity to interact/inviting the faculty members from other RCA.
 - Sharing of the available resources in the respective RCA's.
 - Permission for outside resource person to stay in RCA Boys' Hostel with nominal charges (Two rooms with attached bathroom may be reserved for the same. Food may be arranged at Hostel/canteen/university guest house on payment basis).

UNIVERSITY WORKS DEPARTMENT

COMPOSITION OF THE BUILDING COMMITTEE FOR THE FINANCIAL YEAR 2016-17

S.No.	Name/Designation of the members	Status
1.	Prof. R.C.Sobti, Vice-Chancellor, BBAU	Chairman
2.	Prof. D.P.Singh, Member Planning Board, BBAU	Member
3.	A representative of the user department	-do-
4.	Prof. N.M.P. Verma, BBAU, Lucknow (Prof. nominated by Vice-Chancellor)	-do-
5.	Prof. Kamal Jaiswal, BBAU, Lucknow (Prof. nominated by Vice-Chancellor)	-do-
6.	Dr. Kushendra Mishra, BBAU, Lucknow (Associate Prof. nominated by Vice-Chancellor)	-do-
7.	Finance Officer, Babasaheb Bhimrao Ambedkar University, Lucknow	-do-
8.	Prof. Vipin Saxena, Director, University Institute of Engineering & Technology, Babasaheb Bhimrao Ambedkar University, Lucknow.	-do-
9.	Chief Engineer, (NZ-II), CPWD or his representative not below the rank of Superintending Engineer	-do-
10.	Er. S.S. Lal, Former Engineer-in-Chief UPPWD	-do-
11.	Executive Engineer (Electrical), Lucknow Central Electrical Division, CPWD, Lucknow.	-do-
12.	Executive Engineer, Lucknow Central Division-1, C.P.W.D., Lucknow	-do-
13.	Executive Engineer, BBAU, Lucknow	-do-
14.	Ar. Harpreet Singh, Punjab University, Chandigarh	-do-
15.	Chief Architect (NZ-II), Central Public Works Department, Lucknow	-do-
16.	Shri V.K. Tripathi, Co-ordinator, Garden & Beautification Section, BBAU, Lucknow	-do-
17.	Registrar, Babasaheb Bhimrao Ambedkar University, Lucknow	-do-
		Member-Secretary

ACHIEVEMENTS MADE DURING 2016-17

- | | |
|--|---|
| <p>(i) The work of the construction of one of the prestigious building i.e. Ambedkar Bhawan taken up by C.P.W.D in 20015-16 was expedited and was almost 80% complete.</p> <p>(ii) The work of the construction third 11/0.4 K.V. sub-station near Ambedkar Bhawan was awarded to C.P.W.D. and was almost 50% complete.</p> <p>(iii) The work of construction of third academic block for SBBT building was completed except the work of power connection to the building.</p> <p>(iv) The work of construction of phase-II of the Girls' hostel was completed by C.P.W.D.</p> <p>(v) Construction of Administrative block for SBBT building was taken up during F.Y. 2015-16 and was completed.</p> | <p>(vi) Extension of Examination hall (One block double storey) was completed and taken over from C.P.W.D.</p> <p>(vii) Construction of a portion of the incomplete building at Satellite campus of BBAU at Amethi was awarded to CPWD with total estimated cost for Rs. 215.71 lakhs.</p> <p>(viii) The work of speedbrakers at various places was taken up at various places in the University campus.</p> <p>(ix) Barbed wire fencing was taken up in Botanical Garden.</p> <p>(x) S.S. railing work in the various floors of Central Library building was taken up which was required from security considerations.</p> <p>(xi) The work of providing wire mesh shutters was taken up in Siddhartha Boys hostel.</p> <p>(xii) All the toilets of Guest house were renovated</p> |
|--|---|

- against the work of modernization of Guest house including the work of renovation of kitchen and false ceiling etc.
- (xiii) The work of internal and external painting of Ashoka and Kanishka Boys hostel and internal painting of Siddhartha Boys and Chitrlekha Girls hostel was taken up and completed.
- (xiv) In the Council hall situated at block no. 1 of administrative block complex, the work of supply and fixing of audi chairs was completed.
- (xv) Aluminium partition work in Department of Education situated at 2nd floor of Central Library was taken up and completed.
- (xvi) The sodium vapour streetlights in front of Administrative block were replaced with LED lights.
- (xvii) A D.G. set was purchased and installed for Registrar and Finance office in block .
- (xviii) For the load extension of the University from 471 KVA to 1500 KW, a payment of Rs. 98,93,765.00 was made to U.P. Power Corporation towards the cost of system loading charges, difference in enhanced security amount etc.
- (xix) In addition, several other small works costing Rs.5 lakhs or less than Rs. five lakhs were taken up by the Engineering section of the University.

Status of Financial & Physical Progress of works awarded to C.P.W.D. during 12th plan in the financial year 2016-17 and during previous financial years

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation	Funds released during financial year				Total Funds released upto the financial years 2016-17	Physical progress (percentage of work completed) upto financial year 2016-17
			In Rs in Lakhs	2013-14 In Rs in Lakhs	2014-15 In Rs in Lakhs	2015-16 In Rs in Lakhs		
1	2	3	4	5	6	7	8	9
1	Improvement and rehabilitation of road from gate no. 1 to 3 in the University AA/ES issued vide letter no. 1058/5(367)/2013 dated 30-07-13	272.00	187.75	84.35	5.764	1.441	279.305	100%
2	Construction of Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1601/5(403)/2013 dated 30-09-13	139.72	46.57	79.18	11.175	10.097	147.022	100%
3	Construction of shops AA/ES issued vide letter no. 1602/5(410)/2013 dated 30-09-13	44.80	14.93	10.37	15.60	3.90	44.80	100%

1	2	3	4	5	6	7	8	9
4.	Repair and renovation of Girls' hostel AA/ES issued vide letter no. 1602/5(410)/2013 dated 30-09-13	240.84	80.28	10.91	90.844	25.682	207.716	100%
5.	Ambedkar Bhawan (Letter no. 1720/5(371)/13 dated 11-10-13 and 137/5(371)/14 dated 17-04-14)	3888.19	1296.06	--	721.71	1870.00	3887.77	80%
6	Boys' hostel phase-II AA/ES issued vide letter no. 223/5(409)/2014 dated 01-05-14	1198.25	Nil	399.42	390.034	37.56	827.014	100%
7	Renovation of Council Hall (AA/ES issued vide letter no. 3287/5(440)/14 dated 31-03-14)	81.10	27.00	0.214	1.003	3.12	31.337	95%
8.	S.B.B.T. Phase-II (Department of Education cum Plant Science block)(AA/ES issued vide letter no. 1690/5(414)/13 dated 09-10-13 & 2918/5(414)/14 dated 13-02-14)	1319.35	500.00	--	424.46	208.30	1132.76	100%
9	Path way for Multipurpose hall (Examination Hall) and shops AA/ES issued vide letter no. 3093/5(403)/2014 dated 06-03-14	32.97	--	32.97	--	--	32.97	100%
10	Providing and fixing in aluminium partition in Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1167/5(403)/2014 part-III dated 19-08-14	34.95	--	11.65	15.90	3.97	31.52	100%
11.	PVC Fabric fencing at Gulab Vatika AA/ES issued vide letter no. 1141/5(436)/2014 dated 13-08-14	5.94	--	--	--	5.94	5.94	100%

1	2	3	4	5	6	7	8	9
12.	Providing and fixing steel fabric fencing around sports ground adjacent to type A residences AA/ES issued vide letter no. 2117/5(510)/2014 dated 11-11-14	34.79	--	11.60	--	20.05	31.65	100%
13.	Resurfacing of internal roads near Girls hostel, guesthouse, type B residences, and parking area of the building for Environmental ScienceAA/ES issued vide letter no. 3356/5(510)/2015 dated 19-02-15	59.88	---	--	--	34.08	34.08	100%
14.	Construction of Moot court in the building for School for Legal Studies AA/ES issued vide letter no. 2458/5(512)/2014 dated 16-12-14	115.31	--	38.44	6.60	43.39	88.43	100%
15.	Construction of boundary wall around Chitralkha Girls' hostel AA/ES issued vide letter no. 3234/5(496)/2015 dated 10-02-15	25.48	--	--	--	35.63	35.63	100%
16.	Construction of third academic block of the building for School for Bio-Science and Bio-TechnologyIAA/ES issued vide letter no. 719/5(502)/2015 dated 14-05-15	1069.87	--	--	509.95	559.93	1069.88	95%
17.	Construction of phase-II of the Girls' hostel (Sanghmitra Girls' hostel)AA/ES issued vide letter no. 718/5(419)/2015 dated 14-05-15	1640.6	--	--	667.00	583.00	1250.00	100%
18.	Construction of Administrative block for School building for Bio-Science & Bio-TechnologyAA/ES issued vide letter no. 3527/5(386)/2015 dated 03-03-15	189.21	--	--	--	182.40	182.40	100%

1	2	3	4	5	6	7	8	9
19.	Horticulture activities	118.60	8.67	30.86	40.92	--	80.45	100%
20.	Internal electrification in Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1168/5(403)/2014 part-III dated 19-08-14	20.92	--	6.97	--		6.97	100%
21.	Extension of Examination Hall (One Block Double Storey) at BBAU, Lucknow AA/ES issued vide letter no. 3223/5(574)/2015 dated 09-12-15	457.20	--	--	150.88	78.13	229.01	100%
22.	Moot Court Acoustic treatment	13.00	--	--	--	13.00	13.00	100%
23.	Conversion of RGIIT library hall, Amethi into class rooms for BBAU Satellite campus including water supply and sanitary arrangement	215.71	--	--	--	71.90	71.90	40%
24.	Construction of third 11/0.4 KV substation	162.44	--	--	--	162.488	162.488	80%
25.	Provisioning and installation of two nos. passenger lifts of 13 capacity each in the School building for Bio-Science and Bio-Technology	66.96	--	--	--	66.96	66.96	40%
Total		11,448.08	2,161.26	716.934	3,051.84	4,020.968	9,951.002	

Various works undertaken by University Works Department directly in the financial year 2016-17

Sl. No.	Name of work	Completion cost In Rs.	Status of Work	Remarks
1.	2.	3.	4.	7.
1	Construction of False ceiling in common hall at 1 st floor of University Guest House	1,73,250.00	Work Completed	5(369)/2013
2	Construction of Open Gate and M.S. Railing at Botanical Garden	50,129.00	Work Completed	5(578)/2015
3	Aluminium partition work in Adam block corridor at 2 nd floor for Applied Physics Department	34,842.00	Work Completed	5(474)/2014 Part-2

1.	2.	3.	4.	7.
4	Construction of Speed Breaker at various places of internal road of campus	2,67,691.00	Work Completed	5(499)/2014
5	Aluminium wire mesh sliding door at V.C. Residence	24,250.00	Work Completed	5(196)/2008 Part-5
6	Repairing and maintenance work in SES & SAS building	76,047.00	Work Completed	5(372)/2013
7	Wire mesh shutter at Sidhartha Boys Hostel	2,99,839.00	Work Completed	5(497)/2015
8	Re-fixing of SS railing & toughen glass at 1 st 2 nd and 3 rd floor of Atrium portion of Central Library	4,64,988.00	Work Completed	5(580)/2015 Part-1
9	Replacement of damaged spider glazing of Central Library	17,400.00	Work completed	5(599)/2016
10	Addition Alteration of UIET & Engineering Technology Building	3,29,127.00	Work Completed	5(403)/2014 Part -3
11	Barbed wire fencing on angel iron post for Botanical Garden	1,90,186.00	Work Completed	5(597-A)/2016
12	Replacement of Damaged main door shutter of Ground floor	18,012.00	Work Completed	5(484)/2014
13	Internal & External painting of 11/0.4 KVA both Sub-Station building	73,367.00	Work Completed	5(457)/2014 Part -1
14.	Providing & fixing Granite & Stainless steel lettering on both side of main gate of BBAU Campus	2,62,685.00	Work Completed	5(540)/2015
15	Repairing of defective door shutter and replacing hydraulic door spring of ground floor and 1 st floor of Central Library	39,000.00	Work Completed	5(580)/2016 Part-2
16	Aluminium Partition work in School of Education at 2 nd floor of Central Library	5,25,232.00	Work Completed	5(442)/2014
17	Construction of Shed at V.C. Residence/Camp Office	35,976.00	Work Completed	5(196)/2014 part-6
18	Construction & painting work of Boddhi Park	1,18,794.00	Work Completed	5(259)/2012 Part-2
19	Lettering & numbering of all room & toilets of Ashoka Boys Hostel Extension (Phase-2)	6,014.00	Work Completed	--
20	Alteration and addition / modification civil work of radiology & pathology room of University Health Centre	2,20,378.00	Work Completed	5(611)/2016
21	Cleaning of over head tank & underground tank of Central water supply of campus	2,68,200.00	Work completed	5/(529)/2016
22.	M.S. Railing along road side (Third and final bill)	19,53,032.00	Work completed	5/(481)/2015

1.	2.	3.	4.	7.
23.	Aluminium partition work in common hall of Ashoka Boys hostel	21,79,986.00	Work completed	5(566)/2015
24.	Modernization of Guest house	19,74,829.00	Work completed	5(571)/2016
25.	Internal and external painting of Ashoka and Kanishka Boys hostel and internal painting of Siddhartha Boys and Chitralkha Girls hostel	29,18,468.00	Work completed	5(603)/2016
26.	Supply and installation of audi chairs and dias table in council hall situated at block no. 1 of administrative block complex	31,20,000.00	Work completed	5(440)/2014 part-2
27.	Additional work of modernization of Guest house	6,75,746.00	Work completed	5(571)/2016 part-2
28.	Aluminium partitioning work at Amethi	5,92,396.00 (Final bill to be paid)	Work completed	5(608)/2016
29.	Aluminium partitioning of Economics Department at SAS building	40,119.00	Work completed	5(443)/2014
	Total for Civil works	1,69,49,983.00		
30	Supply and Replacement of Street Lights consumable Electrical items in University Campus.	97,100.00	Work Completed	5(38)elect/2016
31	Order for hiring of decorative lightening works for Ambedkar Jayanti Celebration 13-04-2016&14-04-16 Administrative block and SAS building of the University.	70,500.00	Work Completed	7642/R
32	B.O.Q. DAS Research Lab Requirement of electrical goods for wiring of SBBT Phase 1, room number 108	8,970.00	Work Completed	5(17)elect/16
33	Research lab Requirement of electrical goods for wiring of D.E.S. (Ground Floor) in S.E.S. Building.	9,660.00	Work Completed	5(18)elect/14
34	Supply of Underground cable for Substation No.1	91,380.00	Work Completed	5(39)elect/16
35	Supply of Electrical goods for Electrical Maintenance work of VC Residence Cum Camp.	28,780.00	Work Completed	5(9)Elect/2016
36	Electrical Wiring of Sports Office, Basement Central Library, BBAU.	4,000.00	Work Completed	5(40)Elec/2016
37	Requirement of Electrical goods for UIET laboratory.	2,45,045.00	Work Completed	5(573)/15
38	Power supply arrangement for 02 Nos. Of Submersible Pump (One for Botanical Garden and Other One for Horticulture Research Firm-II) in BBAU Campus	30,988.00	Work Completed	5(22)elect/16

1.	2.	3.	4.	7.
39	Fixing of Electrical Conduits & Board	8595.00	Work Completed	7954/R
40	Repairing of Sound System for SES Conference Hall	15000.00	Work Completed	5(590)/2016
41	S.I.T.C. Of L.E.D. Street Light Fittings with Cross Arms around Administrative Block at BBAU, Lucknow	4,00,332.00	Under Progress	5(20)elect/2016
42	Rewinding & Installation of 50 HP Submersible Pump Set	75,250.00	Work Completed	5(03)/Elect/2016
43	Auditorium Maintenance	9,989.00	Work Completed	5(594)2016
45	Resume of Power Supply due to Burnout	9,820.00	Work Completed	5(23)Elect./2016, 8682/R
46	Rewinding and repairing of 20 H.P. submersible pump	42,950.00	Work Completed	
47	Purchase of D.G. Set with Dedicated Wiring to Loads	6,42,119.00	Work Completed	6045/R
48	Supply of Aluminium Ladder for Maintenance of Street Lights etc.	50,500.00	Work Completed	5(28)elect/2016
49	Supply of Battery (135 AH / 12 Volt) for Finance Office.	13,000.00	Work Completed	5(29)elect/2016
50.	Supply & Installation of CCTV Cameras at Central Library	4,53,353.00	Work Completed	7585/R
51.	Transformer maintenance work at Sub-Station no. 1 & 2	2,19,000.00	Work Completed	5(12) Elect./2016
52.	Supply of electrical goods for BBAU	3,94,885.00	Work Completed	5(535)/2014 part-1
	Total for electrical work	29,21,216.00		
	Combined total for civil and Electrical work	1,98,71,199.00		

Payment made against various A.M.C. in the year 2016-17

S.No.	Item	Amount in Rs.	Remarks
1.	AMC of V.C. A.C. Plant	2,26,147.00	EO/BBAU/16
2.	AMC of Central Library A.C. Plant	7,95,508.00	5(462)/2014
3.	AMC of Auditorium A.C. Plant	3,73,332.00	5(507)/14
4.	AMC of Split and Window A.C. Plant	2,24,298.00	5(71) Elect/2016
5.	AMC of Fire system	18,14,880.00	5(78)/Elect. 2017
6.	AMC of RO and Water cooler	2,88,630.00	EO/BBAU/100
7.	AMC of lift of Central Library	4,15,392.00	59584)/2015
8.	AMC of Air conditioners	4,37,100.00	5(71)elect/16
9.	Annual Maintenance of D.G. Sets at BBAU	5,25,263.00	3930/R
	Total	51,00,550.00	

Thus, Works costing approx. Rs. 128.00 lacs were taken up directly by the Engineering Department of the University during the financial year 2014-15.

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.
5. First floor of block no. 4 of Administrative block complex earlier being used as Central Library of the University was planned to be developed as space for Department of Applied Chemistry.
6. In the new building of Central Library, partition work was planned on third and fourth floor for Department of Education, Department of Computer Science and Department of Information Technology.
7. Parking place was planned for School building for Bio-Science and Bio-Technology.
8. Painting of Administrative block complex was taken up first time after its construction in the year 2000.

All these achievements were made with very limited staff strength in the Engineering department.

DEAN STUDENT WELFARE

Dean Students' Welfare, section is for the welfare of the students. At present Dean Students' Welfare offers 07(Seven) hostels to accommodate on campus out-station candidates. The well staffed hostels are equipped with a mess, well equipped recreation room, reading room and opportunities for curricular and co-curricular activities with a warden in each hostel at the helm 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. Most importantly **Student Council** was duly constituted during 2015-2016 as per the statue of the University to involve students in the smooth management of the welfare activities related to students.

- Prof. Ripu Sudan Singh, DSW
- Prof. Sudarshan Verma, DSW (Women)
- Sri Parshuram, UDC
- One Office Assistant
- One Office Attendent

1. ASHOKA BOYS HOSTEL:

- Administrative Warden-Mr. Pawan Kumar Chaurasia
- Maintenance Warden- Dr. Pradeep Kumar
- One LDC half time.
- One Office Assistant
- One office attendant

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.

ASHOKA BOYS HOSTEL (EXTENSION):

- Administrative Warden— Dr. Narendra Kumar
- One Office Assistant
- One Office Attendent

Ashoka Boys Hostel (Extension) is a new hostel functioning since 2016. 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' **Facilities** :-Ashoka Boys Hostel (Extension) has provided following facilities in the year 2013-2014

- Dining Hall,
- Potable Water
- Common Hall
- Games and sports
- Gymnasium
- Reading Room
- Internet

2. SIDDARTHA BOYS HOSTEL:

- Administrative Warden— Dr. Surendra Meher
- Maintenance Warden- Dr. Anis Ahmad
- One LDC half time.
- One Office Assistant cum attendant

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 potable 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 'became an agent of socio-economic transformation of society'.

Facilities : available as in above hostels: The hostel has spacious building with lush green, serene, pollution-free premises. 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, wardrobes, lights, and fans. The hostel has staff that makes sure that everything runs smoothly and looks 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 Warden, DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University on merit basis. The hostel has a dining hall with a seating capacity of fifty students. The mess has privatized. Joining the mess is compulsory in the hostel. Every attempt has been and would be made to provide

healthy food to ensure the physical and mental health of students.

Other facilities are:

1. Water geysers,
2. Water Cooler with Water Purifier,
3. LED T.V. with HD set top box,
4. Indoor games room,
5. Badminton Court,
6. Gymnasium,
7. Wi- Fi connectivity
8. Basic Medical facilities
9. On demand Ambulance facility
10. Inverter facility for electricity backup.

3. KANISHKA BOYS HOSTEL:

- Administrative Warden – **Dr. M.L. Meena**
- Maintenance Warden- **Dr. Dharendra Pandey**
- **One Office Assistant**
- **One Office Attendent**

Kanishka Boys Hostel is a new hostel 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 provided following facilities in the year 2013-2014

Dining Hall- Furniture to accommodate sixty students at a time and insect killer machine has been provided. The mess contract was reviewed mess has been given to M/S NA Caterers who has providing good and healthy food to the students at a very reasonable rate.

Potable Water- Three water coolers fitted with filter machines have been installed to provide safe potable water to the inmates.

Common Hall- Common hall is there but 42 inch LED HD TV and a beautiful sofa with centre table have been given.

Games and sports- There are in-door and outdoor

games facilities in the hostel which include table tennis, badminton, Chess, Carom, ludo, Volley ball, Foot Ball etc.

Gymnasium- A well equipped gym with running machine has been provided in 2013.

Reading Room- A spacious hall with reading facilities is being provided to the inmates.

Internet- Hostel is a place with WI-FI facilities. It has been there since last one year and the system has been working well.

Plantation drive- The plantation drives get conducted on regular basis and as a result we have more than 400 plants since last one year.

4. YASHODHARA GIRL'S HOSTEL:

- Administrative Warden – **Dr. Neetu Singh**
- Maintenance Warden- **Dr. Richa Kothari**
- **One Office Assistant**
- **One Office Attendent**
- **One Matron**

Facilities at a Glance

- Solar panel for hot water.
- Well furnished guest rooms.
- Student's visitors cum reading room.
- Well furnished room with comfortable and functional furniture.
- Full furnished and spacious dining hall.
- Nutritious and hygienic meals.
- Water coolers equipped with Aquaguard for pure water.
- National dailies and magazines in Hindi and English are subscribed.
- Proper storage facility in the rooms.
- Full furnished and well equipped Gymnasium.
- Health care and ambulance facilities.
- Bus facility which shuttles between the hostel and departments.
- Well constructed parking facility.
- LED T.V with Tata sky is available
- Badminton Court facility.
- Full time matron.

- Internet facility.
- Garden.
- NCC Office.

5. SANGHMITRA GIRLS HOSTEL:

- Administrative Warden – **Dr. Deepa Raj**
- Maintenance Warden- **Dr. Sufiya Ahmad**
- **One Office Assistant**
- **One Office Attendent**
- **One Matron**

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. Five 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 cocurricular 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:

- Well furnished rooms with comfortable and functional furniture.
- Fully furnished and spacious dining hall.
- Nutritious and hygienic meals.
- Purified drinking water.
- Each wing is provided with Geysers to provide hot water.
- Well furnished guest rooms.
- Student's visitors cum reading room.
- National dailies and magazines in Hindi and English are subscribed.
- Proper storage facility in the rooms.
- Fully furnished and well equipped Gymnasium.
- Health care and ambulance facilities.
- Bus facility which shuttles between the hostel and departments.
- Well constructed parking facility.
- LED T.V. facility.
- Well constructed Badminton Court facility.
- Full time matron.
- Wi Fi Connectivity facility.
- Well maintained garden.

6. CHITRALEKHA GIRLS HOSTEL:

- Administrative Warden-**Dr. Rajshree**
- Maintenance Warden- **Dr. K. Sharmila**
- **One Office Assistant**
- **One Office Attendent**
- **One Matron**

Chitralekha Girls Hostel came in to existence (i.e. handed over to the University) on 14-5-13. The hostel was started from January, 2014. Presently the hostel accommodates 94 inmates. Regular sports both indoor and outdoor, messing facilities, entertainment etc.

7. Girls Hostel in Type C

- **Warden In-Charge: Dr. Sufiya Ahmad**

INFORMATION AND GUIDANCE BUREAU

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
Coordinator: Dr. Shilpi Verma Deptt. of Library & Information Science Mobile: 91-9450110690
Email: shilpi_dhs@bbau.ac.in; shipoo_lko@rediffmail.com

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 check 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.

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 and training 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.

Annual Report on virtual Class Room (Session 2015-2016)

Under the National Knowledge Network (NKN) project of Government of India, a virtual Class Room was established in the year of 2010 under the chairmanship of Prof. N.R. Satyanarayna, who was Dean, School for Information Science & Technology during that period. The Class room was inaugurated by Hon'ble Vice Chancellor Prof. B. Hanumaiah, Babasaheb Bhimrao Ambedkar University and delivered a lecture entitled "Raman Effect and Its Applications" on 16/8/2010. After that, a series of lectures were conducted in the Virtual Class Room. The Class Room has Interactive Board. One Interactive Panel, One Multimedia Projector, Multiple Audio Devices. One High Resolution Camera, Network Devices, One LED Television. One Computer System, One Printer, etc. alongwith 1 Gbps internet connectivity. The virtual class room is equipped with Video Conferencing device. All these are well connected through a Local Area network System

(LAN). The Virtual Class Room can be seen from anywhere in the campus of the University as well as around the globe.

In the year 2014, The Virtual Class Room has been extended the Facilities in the form of the Smart Classes and Established 23 different Smart Classes in 23 various departments of the University. Each Smart Class has one Smart Board, One Smart Panel, One LED Television, One Multimedia Projector and all these are well connected via laptop/system and Network System alongwith video conferencing for the Presidential Address, MHRD Joint Secretary and many more experts. During the academic session 2015-16, the class room was also used by the other faculty members of the University and more than 25 presentations were conducted in the Virtual Class Room. In Future, the Virtual Class Room is also planning to group all the Smart Classes and to control & monitor from the Virtual Class Room which shall be visible either on Intranet as well as on internet. A link is to be provided on the University Website also.

Prof. Vipin Saxena

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE (USIC)

The University established Science Instrumentation Centre which is housed in the ground floor of the School for Environmental Science building. Three 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); and **Scanning Electron Microscope of JEOL (JSM 6490 LV)**.

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/papery; liquid, including liquids of flammable nature may be studied; rather than its limited use of getting spectra of the solids in the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.

The FPLC (main AKTA 10) has been provided with other accessories which include Sephadex G75, Sephacryl 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.

The SEM (JSM 6490) is the instrument which may

use both under low & high vacuums depending on the nature of the specimens. Low vacuum with low kV (energy) provides the user the longer duration for scanning the material, the organic specimens, before it is charged. The instrument has been coupled with an optional accessory, viz., EDS 133, EV Dry Detector (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.

2. Vortex Mixer (CM101-Plus Remi)
3. Double Distillation Unit
4. Hot Air Oven
5. Deep Freezer (-400C)
6. Electrophoresis
7. UV Lamp
8. Ultra sonic cleaner
9. Microwave oven

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Lucknow, Uttar Pradesh

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:

Profile:

The USIC of the University has a Director & One Coordinator an Advisory Committee consisting of all the Professors of the Science Stream Departments are also working.

Minor Equipment available in USIC

1. High Speed Centrifuge Machine (CM12-Plus Remi)

GARDENING & BEAUTIFICATION SECTION (GBS)

For the creating of ecological balance, reducing global warming and increasing the green and pleasant environment for the teaching and research. Gardening & Beautification Section (GBS) has been established in the University having a complete infrastructure along with Executive Committee. The Gardening & Beautification Section (G.B.S.) has developed the University campus in such a way that creates a conducive & pleasant atmosphere in the campus which in stimulate the students and teachers to feel fresh. The section is also involved to achieve bio-aesthetic planning of the campus. The progress is towards it by way planting of ornamental trees, shrubs, climbers and avenue trees.

A. Profile:-

The Gardening & Beautification Section (GBS) of university has a Chairman, Coordinator, and Horticulture Inspector.

- **Coordinator: - Shri V.K. Tripathi**
- **Horticulture Inspector:- Dr. S. K. Dixit**

B. Activities and Achievement:- 1. Section conducted mass plantation for University to protect further Environmental degradation and to improve the environment for making environmental sustainability in general and particularly of the campus in era of climatic change and climatic variability.

2. Cleaning programm organized by the Section during Swachh Bharat Abhiyan. Section started a campaign to clean the campus by the pooling of all malis for one hour.
3. Development of Lawn in Botanical Garden.
4. Development of Palm Garden near V.C. residence.
5. Maintained the Lawn in front of Central Library building.

6. Maintained Bougainvillea Garden in the University campus near Administrative Building.
7. Maintained the Desi rose garden in front of V. C. Office.
8. Maintained a small nursery for filling the basic plants requirement of University Campus.
9. Avenue plantation done on various roads and sub road.
10. 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,
11. Development of Park back side of Environmental Science.
12. Developed many seasonal flowers beds to beautify University Campus through various seasonal flowers.
13. Maintained a Kitchen garden in the V.C. residence.
14. Section planted many plants during massive planting campaign in the campus to keep the University green and eco-friendly. During the plantation programm 1000 plants are various varieties in the Year 2015-16.
15. Development of Hybrid Rose garden near the V.C. office.
16. Development of Lawn in the SBBT phase II.

C. Future Plan:-

1. To installed 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.
2. To production of Organic manure in the University Campus.
3. To develop Neem grove in the University campus.
4. To installed three fountains like Main gate of the University, Infront of Central Library and Rose Garden.
5. To develop Cactus garden in the University campus.
6. To develop an herbal garden which may helpful in imparting Aurvedic (Indigenous medicine) knowledge amongst students on going.
7. To develop a water ponds in the University

Campus for the recharging of soil and increasing the ground water level.

8. To maintain the lawn / garden through annual contract maintenance.
9. To develop the lawns / garden in newly constructed school buildings.
10. To Establish the a full flagged Nursery at University to full fill the basic requirement of the campus.

Plantation Program

UNIVERSITY HEALTH CENTRE

The University Health Centre provides comprehensive health services to all the students, administrative staff, Faculty members including dependants, non teaching staff as well as contractual staff of the University. Health services started in the University since 2005 and an experienced Medical Consultant Dr. Rakesh Pradhan was hired to provide health services in the administrative block. Later, keeping in view of the increasing numbers of students as well as staff members, a dedicated separate building was constructed which became functional in 2013. Two qualified Medical Officer were appointed in 2014 to augment the health services.

Location

University Health Centre is located in the premises of Vidhya Vihar near gate no. 3.

Staff

University Health Centre comprises of :-

Dr. Rakesh Pradhan - C.M.O.

Dr. Vikas Srivastava - M.O.

Dr. Ruchi - M.O.

Services

Following services are provided :-

- (i) O.P.D. Services - The doctors are always available as per their duty schedule. The needy patient can just walk-in for consultation and treatment. O.P.D. timings are from 08 A.M. to 08 P.M. on all working days.
- (ii) Emergency Services - Emergency Services are provided to the needy on Holidays and Non working days by both medical officers on a weekly schedule / on call services.

- (iii) Medicines - Medicines are distributed to all the patients as per University rules.
- (iv) Detention room - Health Centre also provide the facility of detaining the serious patients who requires monitoring for some duration.
- (v) Referral System - Patients who requires admission / specialized treatment are being referred to authorized higher centres.
- (vi) Ambulance - An ambulance along with driver is always present for transportation and 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 (10 Jan 2016 & 14 April 2016), eye check up camp on 24 Feb 2015 ,haemoglobin estimation camp on 02 Sep 2016, blood grouping and blood sugar estimation of the dependant population.
- (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 from time to time.
- (xi) We are in the process of establishing two separate wards (male & female)for better care and monitoring of the patients.
- (xii) We are in the process of setting up complete pathological and radiological services at our health centre for which we are also in the process of hiring a reputed Pathologist and Radiologist respectively. We are also in the process of hiring other alternative medicines experts like a Homeopathic doctor, Ayurvedic doctor, physiotherapist and a dental surgeon to augment the health services.

AIM - Our basic goal is to provide all medical i.e. all preventive as well as therapeutic facilities along with alternative medicines under one roof of University Health Centre.

SPORTS SECTION

DEPARTMENTAL PROFILE

S. No	
1	Name of the Department: Sports Section
2	Courses run by the Department: N.A
3	Faculty (including guest /contract/inspired): (01) Dr. Manoj Kumar Dhadwal <i>(22nd Dec.2015 Date of Appointment)</i>
4	Available facilities in the department: 02 Volleyball Court, 01 Basketball, 01 Football Ground, 02 Lawn Tennis Court, 01 Badminton Court, 02 Kabaddi Court, 01 Kho-Kho Court, Gymnasium, Improvised Cricket and Track and Field, 02 Table Tennis, Carom and Chess Boards.
5	
6	No. of Ph.D. students enrolled : -
7	No. of Ph.D. degree awarded : -
8	No. of Post-Doctorates (current):-
9	Latest syllabus revision date(course wise): Presented New Curriculum for BPEd programme
10	Conferences /workshops/other events organized in the department in the last three years. : 01 Workshop and 01 Conference
11	Achievements of the faculties (faculty wise) in the last three years (publication/reprints with impact factor, awards, recognitions, inspired fellowship, patents, conferences/ workshops attended etc.). : 01 Book, 03 conference
12	h-index, total impact factor, citation of the department
13	Achievements of the students (includes Job/placement, NET, JRF, GATE, Awards etc.).

BRIEF HISTORY OF THE SPORTS SECTION

Babasaheb Bhimrao Ambedkar University, Lucknow striving for academic excellence, and at the same time sponsoring varieties of activities that would contribute to the wholesome development of personality and promote health among students. Sports and Games are one such area promoted by the University with an intention of ensuring Physical, Mental and Emotional Health of the Student Community. For the smooth conduct of the intramural and extramural sports programme of the university, the Sports Section was established by the University in the year 2007.

The Sports Section caters to the Sports needs of students from all Departments' and Schools' of the BBAU.

OBJECTIVES:

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
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.

Events conducted for the Academic year 2014-15 to 2016-17

1. On the occasion of 15th Aug. 2014 Organized Teaching Vs Non Teaching Cricket and Tug of War championship.



2. Organized University Cricket League-2015 from 20th to 22nd Feb. 2015



3. Organized Inter School Cricket championship from 20th to 23rd Nov.2015.



4. Organized Inter Department Kabaddi championship from 11th to 12th Dec.2015.
5. Organized Annual Sports Festival-2016 from 14th to 18th March 2016 Around 1500 students participated in this University mega Event.

Following events conducted:

S.N.	Name of the Event	Level of Participation
1	Football	Inter School Boys & Inter School Girls
2	Badminton	Boys Singles and Double & Girls Singles and Double
3	Volleyball	Inter School Boys & Inter School Girls
4	Table tennis	Boys Singles and Double & Girls Singles and Double
5	Basketball	Inter School Boys & Inter School Girls
6	Lawn tennis	Boys Singles and Double & Girls Singles and Double
7	Athletic	Inter School Boys (100 mt ,200 mt, 400 mt, 1500 mt, and long jump) Inter School Girls (100 mt ,200 mt, 400 mt, 1500 mt, and long jump)
8	Kho-kho	Inter School Boys & Inter School Girls
9	Chess and carom	Inter School Boys & Inter School Girls



6. To Mark the 125th Anniversary of Babasaheb Bhimrao Ambedkar Sports Section Organized “Run for Unity” on 14th April 2016, around 300 students, faculty and staff members participated.





7. Organized Yoga Fest 2016 from 27-29th May 2016. Details of the programme:

	5.30 – 6.30 AM	6.30 – 7.00 AM
27 th – 29 th May	Yog-Asanas and Pranayam	Talk on Yoga for Body, Mind and Soul



8. To mark the International Day of Yoga- 21st June 2016, Sports Section and Yoga Cell conducted rehearsal and mass Yoga programme on 21st June 2016.

Details of the programme is as follows.

Day/Timing	5.30 – 6.30 AM	6.30 – 7.30 AM
20 th June NCC Girls (Rehearsal)	Yog-Asanas and Pranayam as per International Day of Yoga Protocol	Talk on Healthy Mind and Body
21 th June (open to all)	Yog-Asanas and Pranayam as per International Day of Yoga Protocol	Talk on Healthy Mind and Body



9. Celebration of Independence Day Fortnight "Azadi 70-Yaad Karoo Kurbani" (Freedom Fortnigh): To celebrate the 70 Years of the Independence Day Sports Section organized "Freedom Walk" on 15th & 23rd August 2016 at 5.30 a.m. and Mass Singing of National Anthem at University Auditorium on 23rd August 2016 at 11. a.m.

Detailed Programme:

- a. On 15th August 2016 "Freedom Walk" was organized at 5.30 a.m. where all faculty, staff members and the students were invited. Hon'ble Vice Chancellor led the walk along with registrar, Finance Officer, faculty, staff members and students. More than 250 participants participated in the event.



- b. On 23rd August 2016 "Freedom Walk" was organized at 5.30 a.m. where all faculties, staff members and the students were invited. Hon'ble Vice Chancellor led the walk along with Finance Officer, faculty, staff members and students. More than 200 participants participated in the event.



- c. On 23rd August 2016 singing of **National Anthem** at University Auditorium was organized at 11. a.m. where almost all the faculty, staff members and Students took part. More than 1200 participants participated in the event.



10. The Sports Section, Babasaheb Bhimrao Ambedkar University, (A Central University) Lucknow (U.P.) in association with The Academy of Physical Education, Sports & Yogic Awareness (TAPESYA) organized a “National Workshop on Research Methodology and Statistical Analysis in Yogic Sciences”, held on August 22nd to 28th 2016 at the University SAS Conference Hall.



11. The Sports Section on the occasion of National Sports Day organized a “National Conference on Yoga for holistic Health” being held on August 29th 2016 at the University SES Conference Hall, more than 100 participants participated.



12. Sports Section is organizing Inter School (Men and Women) Kabaddi Championship-2016, from 21st to 23rd September 2016 Around 600 participants participated during the event.



13. Sports Section conducted open trail to select the Intervarsity Football team on 9th January 2017, around 150 participants came for trail.
14. Sports Section organized Inter School (Men and Women) Football Championship-2017, from 10th to 12th January 2017 Around 800 participants participated during the event.



15. Sports Section took initiation to participate first time BBAU team in the North Zone Intervarsity Men Football Championship-2017, from 17th to 23th January 2017 held at Mandi Govindgarh, Desh Bhagat University, Fetehgarh Saheb, Punjab.



16. Organized Annual Sports Festival-2016 from 7th to 10th April 2017, around 1500 students participated in this University mega Event.

Following events conducted:

S.N.	Name of the Event	Level of Participation
1	Football	Inter School Boys & Inter School Girls
2	Badminton	Boys Singles and Double & Girls Singles and Double
3	Volleyball	Inter School Boys & Inter School Girls
4	Table tennis	Boys Singles and Double & Girls Singles and Double
5	Basketball	Inter School Boys & Inter School Girls
6	Lawn tennis	Boys Singles and Double & Girls Singles and Double
7	Athletic	Inter School Boys (100 mt, 200 mt, 400 mt, 1500 mt, and long jump, Shot Put and Discus Throw) Inter School Girls (100 mt, 200 mt, 400 mt, 1500 mt, and long jump, Shot Put and Discus Throw)
8	Chess	Inter School Boys & Inter School Girls



17. To Mark the 126th Anniversary of Babasaheb Bhimrao Ambedkar Sports Section Organized “Run for Unity” on 14th April 2017, at 5.30 a.m, around 300 students, faculty and staff members participated.



18. Yoga Cell arranged lectures and one month Yoga programme from 25th May to 21st June 2017, 06. a.m at University Auditorium, BBAU, Lucknow.



19. Organized Special Lecture on “Face Yoga” by Face Yoga Expert Mrs. Mansi Gulati from Hyderabad on 17th June 2017, 9.30 a.m in the BBAU, Auditorium.



20. Organized Special Lecture on **Yoga, Naturopathy and Healthy Living** by Divine Life Society Expert Acharya Ramesh Mishra ji on 18th June 2017, 9.30 a.m in the BBAU, Auditorium.



21. BBAU, Students participated in the IDY2017, rehearsal session on 19th June 2017, Ramabai Ambedkar Park, Lucknow and Participated 21 June 2017, IDY-2017 main Venue with the Hon,ble Prime Minister of India.



22. For celebrating National Sports Day-2017 on 29th August 2017 organized a Cricket match between Teaching and Non-Teaching Staff members of the BBAU at Sports Ground of the BBAU.



FINANCIAL STATEMENT

ABSTRACT OF THE FINANCIAL STATEMENT

1st APRIL 2016 TO 31st MARCH 2017

S No.	Particulars	2016-2017		2015-2016	
		Amount	Amount	Amount	Amount
1	Total Receipts side of Receipts & Payment Account		1,799,518,155.04		1,741,544,593.79
	a) Grants Received During the year	752,912,000.00		1,087,236,619.00	
	b) Earmarked Fund				
	c) Interest received	40,110,358.00		47,517,984.00	
	d) EMF Receipts	46,756,468.25		59,847,669.00	
	e) Other income	407,814,413.00		31,847,963.00	
	f) Any Other receipts	98,823,848.00		162,465,057.00	
	g) Opening Balance in Cash & at Bank	453,101,067.79		352,629,301.79	
2	Total Payment side of Receipts & Payment Account		1,799,518,155.04		1,741,544,593.79
	a) Expenses of Non Plan Account	310,341,410.01		531,002,231.00	
	b) Expenses of Plan Account	776,203,464.00		362,532,428.00	-
	c) Earmarked Fund	71,579,952.75		73,064,542.00	
	d) Investment	6,311,809.00		321,500,000.00	
	e) Other Payment			-	
	f) Closing Balance in Cash & at Bank	635,081,519.28		453,445,392.79	
3	Income Plan / XII Plan		216,241,217.00		1,497,525,637.00
	a) Grants / Subsidies	189,185,381.00		745,904,619.00	
	b) Interest Earned	27,055,836.00		751,621,018.00	
4	Expenditure Plan/ XII plan		110,657,595.00		118,303,888.00
	a) Establishment Expenses	30,699,040.00		27,526,559.00	
	b) Administrative Expenses	342,549.00		14,175,156.00	
	c) Academic Expenses	21,491,612.00		27,687,587.00	
	d) Repairs & maintenance	58,124,394.00		48,914,586.00	
5	Income - Non Plan		501,778,112.00		427,500,672.00
	a) Grants / Subsidies	347,202,000.00		337,732,000.00	
	b) Fees / Subscription	148,066,204.00		31,847,963.00	
	c) Interest Earned	1,761,699.00		883,216.00	
	d) Other Income	4,748,209.00		57,037,493.00	
6	Expenditure - Non Plan		404,677,208.00		325,619,260.00
	a) Establishment Expenses	255,458,809.00		191,974,585.00	
	b) Administrative Expenses	93,406,354.00		81,787,043.00	
	c) Academic Expenses	25,652,330.00		15,414,865.00	
	d) Repairs & maintenance	30,159,715.00		36,442,767.00	
7	Depreciation On Fixed Assetes		58,119,881.00		117,981,944.56
8	Profit / (Loss) Earned During The Year		115,602,974.69		586,918,709.44
	Non Plan Account Profit				
	Plan Account Profit				
9	Fixed Assets & Capital WIP		2,340,459,985.56		1,883,833,988.73
10	Investment				-
11	Current Assets, Loan & Advance		749,884,455.56		968,211,510.36
12	Earmarked Fund		50,354,301.53		47,508,447.03
13	Current Liabilities & Provisions		622,093,052.19		306,257,452.18
14	Capital Fund		2,417,897,088.69		2,498,279,600.88



**BABASAHEB
BHIMRAO
AMBEDKAR
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प्रज्ञा शील करुणा
ESTABLISHED 1996

Babasaheb Bhimrao Ambedkar University

(A Central University)

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