

# Annual Report 2015-16

BABASAHEB  
BHIMRAO  
AMBEDKAR  
UNIVERSITY



LUCKNOW  
प्रज्ञा शीलं करुणा  
ESTABLISHED 1996



**Babasaheb Bhimrao Ambedkar University**

(A Central University)

(Accredited 'A' Grade by NAAC)

Vidya Vihar, Raebareli Road, Lucknow - 226 025



# Annual Report

2015-16

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**Babasaheb Bhimrao Ambedkar University**

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Vidya Vihar, Raebareli Road, Lucknow - 226 025

*Visitor*

Hon'ble the President of India  
**Shri Pranab Mukherjee**

*Chancellor*

Shri Navjeevan Lal Lakhanpal

*Vice Chancellor*

Prof. Ranbir Chander Sobti

Registrar

Finance Officer

Controller of Examination

Librarian

Proctor

Dean Students Welfare

Dr. Sunita Chandra

Shri Rama Shankar Singh

Dr. Sanjay Kumar Mishra

Dr. sunil gorla

Prof. Kamal Jaiswal

Prof. M.Y. Khan

*Deans*

School for Education

School for Bio-sciences & Bio-technology

School for Home Science

School for Ambedkar Studies

School for Information Science and Technology

School for Env. Science

School for Legal Studies

School for Management Studies

School for Languages

School for Physical Sciences

Prof. Vipin Saxena (I/c)

Prof. Shubhini A. Saraf

Prof. Sunita Mishra

Prof. Kameshwar Choudhary

Prof. Vipin Saxena

Prof. Ram Chandra

Prof. S.K. Bhatnagar

Prof. Ram Chandra

Prof. Vipin Saxena

Prof. Kaman Singh

*Heads/Coordinators*

Department of Information Technology

Department of Human Rights

Department of Applied Chemistry

Department of Rural Mgt.

Department of Computer Science

Department of Env. Microbiology

Department of Pharma Science

Department of Human Development & Family Studies

Department of Law

Department of Sociology

Mass Communication & Journalism

Department of applied Statistics

Economics

Environmental Science

Applied Plant Science

Department of Applied Maths

Applied Animal Science

Political Science

Department of Education

Department of Physics

Department of History

Department of Library & Information Science

Department of Biotechnology

Prof. R.A. Khan

Prof. Priti Saxena

Dr. Gajanan Pandey

Dr. Kushendra Mishra

Prof. Sanjay Kumar Dwivedi

Dr. Naveen Kr. Arora

Prof. Shubhini A. Saraf

Prof. Sunita Mishra

Prof. Sudarshan Verma

Prof. Manish Kumar Verma

Dr. Gopal Singh

Dr. Surinder Kumar

Prof N.M.P.Verma

Prof. Shiv Kumar Dwivedi

Prof. R.B. Ram

Prof. B.S. Bhadauria

Dr. V. Elangovan

Prof. Ripu Sudan Singh

Dr. Hari Shankar Singh

Dr. Devesh Kumar

Dr. Shura Darapuri

Dr. M.P. Singh

Prof. Shubhini A. Saraf

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## From the Vice Chancellor's Desk



BabasahebBhimrao Ambedkar University strives to provide the best learning environment with a motto to achieve International standards. The University has spread its horizons extensively through adopting strategies for enhancing quality of teaching and research focusing towards the vision to be a dynamic and creative globally connected institution of excellence. Promoting social equity and inclusion of the marginalised sections through instilling the importance of science and scientific attitude in the personal and societal development has been on priority. This year holds a very distinct place for the University, as it is 125<sup>th</sup> Birth Anniversary of the great son of India, Bhimrao Ambedkar. To mark this very special year, many activities were conducted ranging from holding seminars/ conferences/ competitions/ rally etc, throughout the year initiated on 14<sup>th</sup> April, 2015.

The University is offering more than ninety two contemporary programmes in emerging areas of science & technology, social sciences and languages and skill based programmes, in addition to the regular conventional courses. The University endeavours to adopt various best practices for successful implementation of numerous socially relevant and meaningful initiatives. Fostering the connections of traditional with modernity through encouraging interaction among faculty and students to project education as a mechanism for social change and liberating force for the progress of individual and society.

I take the privilege of presenting the 19<sup>th</sup> Annual report of Babasaheb Bhimrao Ambedkar University, Lucknow for the year 2015-16. The University is working with a vision of promoting global education with excellence in advanced and emerging knowledge, to be relevant to the development of Nation and the marginalised sections of the society. In the last few years, the University has witnessed remarkable progress in the frontier areas of teaching, research and institution building. With an unwavering commitment to academics, the University grasped the extraordinary opportunities available through international collaborations and MOUs with various institutions of repute. 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 the society, besides being the frontrunner in timely implementation of the policies of Government of India.

The academic programmes of the University have been designed and reviewed timely to keep pace with changes in society and labour market. Further, to enhance, the University's strength and prepare it for further advancements towards excellence in the future, new initiatives have been undertaken towards improvement of infrastructure, campus development, faculty and student empowerment, management reforms, creation 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, in order to achieve the goal of academic excellence, conducted and participated in various national and international seminars/symposia/ conferences/ special lecture series etc. Besides providing a platform for scientific discourse among different stake holders, they are envisioned specially to develop processes and systems to connect science and research with the common man and society. Babasaheb Bhimrao Ambedkar University, also take pride in hosting and organizing the 9<sup>th</sup> South Asian University Festival, which aimed to proliferate and take to the Zenith the twin goals of spiralling the cultural diversity and National Integration. The Festival brought together a diverse group of students from all over the South Asian Countries during this five-day long event filled with exhilaration and diversified cultural and academic activities.

The campus offers State of the art infrastructure including modernised class rooms, smart classes, well equipped library and other facilities to cater to co-curricular and extra curricular activities of students. The University is making best possible use of ICT networks through digital library, Wi-Fi connectivity, smart classes and e-content. The whole idea is to make teaching and learning process exciting, interesting and friendly.

It was a great pleasure that Prime Minister, Shri Narendra Modi, attended the 6<sup>th</sup> Convocation celebrations of our University. It is a matter of honour and privilege for the University fraternity and the graduating students to receive medals from the honourable Prime Minister. On said occasion, honourable Shri. Narendra Modi, Prime Minister of India, has laid the foundation stone of state-of-the-art Student Activity centre at the University campus.

The University has celebrated 20<sup>th</sup> Foundation day of the University magnificently, which was graced by the Minister for Human Resource Development, GOI, Smt. Smriti Zubin Irani as Chief Guest. The programme started with plantation of saplings by HRD minister and other officials. A blood donation camp was also organised as a part of the programme

The University is proactive in community services and strongly believes that the higher education institutes has a wide scope to work towards community upliftment and accordingly the University fraternity took up many initiatives through awareness camps, short films, training programmes and many more.

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, Dr.Babasaheb Bhimrao Ambedkar.

I express my sincere thanks to the Ministry of Human Resource Development (MHRD), University Grants Commission (UGC) , Government of U. P., and other funding agencies for their generous support and co-operation. I take this opportunity to thank all sections of the University fraternity - faculty, officers, non-teaching staff and students for their continuous co-operation and support for the growth of the University and mission of sharing and creating knowledge and 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. M.Y. Khan**  
Dean, SBBT, BBAU, Lucknow

**Prof. K.L. Mawahar**  
Deptt. of library & Information Science,  
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  
Adv. Vandana Chavan  
Member of Rajya Sabha

**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

**Shri Ashok Singh**  
1202, Satpura Apartment, Kausambi,  
Ghaziabad-201001

**Prof. Arun Diwakar Nath Bajpai**  
VC, Himachal Pradesh University,  
Shimla

**Dr. P.C. Jain**  
Principal  
Sree Ram College of Commerce,  
University of Delhi, Delhi

**Prof. (Dr.) Shilpa Khatri Babbar**  
Director  
Student Welfare Public Relations and  
Protocol of Vivekanand Institute of  
Professional Studies, (Affiliated to G.G.S.I.P.  
University, Delhi) AU Block (Outer Ring  
Road),  
Pitampura, Delhi-110034

**Dr. Sunita Chandra**  
Secretary BOM,  
Registrar, BBAU, Lucknow.

## 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  
GastroenterologySGPGI, Lucknow.

**Dr. Naval Kishor**

Department of GeologyPunjab University,  
Chandigarh-160014.

**Dr. M.R.S. RaoJawaharlal 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 EconomicsBabasaheb 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  
Babasaheb Bhimrao Ambedkar University,  
Lucknow.

**Dr. Naveen Arora**

Department of Environmental Microbiology  
Babasaheb Bhimrao Ambedkar University,  
Lucknow.

**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

## Planning Board

**Prof. R. C. Sobti**

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

**Prof. D.P. Singh**

Dean, SES, BBAU, Lucknow  
Mob.: 9415575735, Off.: 0522-2442543

**Prof. Vipin Saxena**

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

**Prof. Deepa H. Dwivedi**

Head, DAPS, BBAU  
Mob. 9452290810:, Off.: 0522-2505501

**Prof. Sartik Bagh**

Head, DPS, BBAU  
Mob.: 9621116753, Off.: 0522-2995673

**Dr. S. K. Sarin**

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

**Dr. Goverdhan Mehta**

School of Chemistry, University of  
Hyderabad, Hyderabad - 500 046

**Dr. V. M. Trehan**

Chairman, 'MEKASTER'  
908, Ansal Bhawan,  
16, Kasturba Gandhi Marg,  
New Delhi - 110 001

**Dr. B. S. Dhillon**

Vice Chancellor, Punjab Agriculture  
University, Ludhiana - 141 004

**Shri S. K. Tripathi**

Former Secretary, Deptt. of Sec. & High.  
Education, MHRD, 63,  
Mall Avenue Housing Colony,  
Lucknow - 226 001

**Dr. Sharda Prasad**

Additional Secretary, Director General(E&T),  
Ministry of Labour, Shram Shakti Bhawan,  
Rafi Marg, New Delhi - 110 001

**Shri A. K. Maurya**

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

**Dr Sunita Chandra**

Registrar, BBAU  
Off.: 0522-2995672

## Finance Committee

**Prof. R.C. Sobti, Chairman**

Vice Chancellor  
BBA University  
Vidya Vihar Raebareli Road,  
Lucknow

**Smt. Darshana M. Dabral**

Joint Secretary & Finance Advisor,  
Ministry of Human Resource Development  
MHRD, Shastri Bhawan,  
New Delhi-110 001

**Shri Sukhbir Singh Sandhu**

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  
BBAU, 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

The Department of Economics was originated in 2000 to provide quality education and training through advanced method of learning and engaging the students and faculties with meaningful research. The department is committed to make an institute of academic excellence in teaching & research in applied and contemporary economic issues. The department currently runs M.A., M.Phil. & Ph.D. Programmes in Economics. The department has well qualified faculties with National & International exposure in teaching & research. The department frequently updates the syllabus in order to cater the demand of students.

#### Department Level Academic Activities:

##### International/National Level Seminar

- i. International conference on "Post Globalisation Growth and Redistribution of Income organized by the Conference Coordinator Prof NMP Verma" during 16<sup>th</sup>-

17<sup>th</sup> December, 2015.

- ii. National Level Seminar organized by the Department on "Implication of Pradhan Mantri Jan Dhan Yojana (PMJDY) on Inclusive Development: Issues and Challenges" during 19<sup>th</sup>-20<sup>th</sup> February, 2015.

##### Special Lecture:

- i. Special Lecture organized by the Department on "Measurement of Poverty in India" 29<sup>th</sup> April, 2015 by Prof. R K Sharma, JNU, New Delhi.
- ii. Special Lecture organized by the Department on "Economic Development & Environment: Linkages" 20<sup>th</sup> October, 2015 by Prof. M S Bhatt, Jamia Millia Islamia (A Central University), New Delhi.
- iii. Special Lecture organized by the Department on "Agrarian Crisis in India" 30<sup>th</sup> November, 2015 by Prof. Srijit Mishra, Director, NBCDS, Odisha

#### Faculty Details

S. No.	Name	Designation	Qualification	Specialization
1.	Dr. N.M.P. Verma	Professor	M.A. (JNU), Ph.D.(BU)	Development Economics of Marginalized Section, Macro Economics, Industrial Economics
2.	Dr. Sanatan Nayak	Professor & Head	M.A., M. Phil., Ph.D. (HU), M.Sc. (Ecology & Environment)	Environmental Economics, Econometrics, Computer Applications in Economics, Agricultural Economics, Welfare Economics

3.	Dr. L.C. Mallaiiah (on leave)	Associate Professor	M.A. (SKU), M. Phil. Ph.D.(HU)	Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination
4.	Dr. D. K. Yadav	Assistant Professor	M.A. (Eco.), Ph.D. (AU)	Monetary Economics Econometrics Mathematical Economics, Statistics, Public Economics
5.	Dr. Surendra Meher	Assistant Professor	M.A., Eco (SU), M.Phil., Ph.D. (Eco.) (JNU)	Labour Economics, Agricultural Economics, Economics of Growth and Development, International Economics
6	Dr. Pranav Kumar Anand	Assistant Professor	M.Phil., Ph.D. (Eco.) (JNU)	Agricultural Economics

### Student Enrollment Details of M.A.. M.Phil. & Ph.D.

Sl. No.	Course	Session	Student Admitted
01	M.A. in Economics	2015-16	57
02	M.Phil. in Economics	2015-16	08
03	Ph.D. in Economics	2015-16	14

### Award/Recognition:

**Dr. Surendra Mehar, Asst. Prof. got Young Scholar Award** for presenting outstanding paper at 57<sup>th</sup> Annual conference of Indian Society of Labour Economics organised by Central University of Kashmir, Srinagar and S. K. University of Agricultural Sciences & Technology, Kashmir during 10-12 October, 2015.

### Academic details/activities of the Faculty of Department

#### Prof. NMP Verma

- President, Association of the Socio-Economic Development Studies
- Chairman, (NAAC Committee), BBAU, Lucknow
- Member, Editorial Board, International Journal of Economics and Finance, Toronto, Canada
- Member, Degree Research Committee, Amity University, Lucknow, Meeting, Feb. 19, 2015
- Member, Board of Studies, Dr. Ram

Manohar Lohia Avadh University, Faizabad

- Subject Expert, Selection Committee (ICSSR Ph.D. Fellow), GIDS, Feb. 23, 2015
- Screening Committee (Reappointment of Professor), GIDS, Lucknow
- Subject Examiner, Ph.D. Viva Voce, Deptt. of Rural Economics and Cooperation, TM Bhagalpur University, March 21, 2015, for Dimpal Rani, SS Bhaumik
- Member, Degree Research Committee, Board of Post Graduate Studies, School Board and any non-statutory Committee, BBAU, Lucknow
- Member, Academic Council (AC), Board of Management (BoM), BBAU, Lucknow
- Chairman, DPR(Amethi Campus), BBAU, Lucknow
- Chairman, Purchase Committee of BBAU,
- Chairman, Library auto &RFID,
- Chairman, BBAU VOICE,Newsletter.
- Chairman, Annual Report,2015 -16, Roster Committee

#### Dr. Sanatan Nayak

- Chairman in DRC, BPGS, Department of Economics, BBAU, Lucknow
- Member in School Board of SAS and AC, BBAU, Lucknow
- Working as the Head, Dept. of Economics, BBAU, Lucknow

**Dr. D.K. Yadav**

- i. Member, Departmental Research Committee (DRC), Department of Economics, BBAU, Lucknow
- ii. Member, Admission Committee, Department of Economics, BBAU, Lucknow.
- iii. Member of Extracurricular Activities and Grievance Committee, BBAU, Lucknow

**Dr. Surendra Meher**

- i. Member, Departmental Research Committee (DRC), Department of Economics, BBAU, Lucknow
- ii. Member, Admission Committee, Department of Economics, BBAU, Lucknow.
- iii. Member/Nominee of the Department of Economics for Central Placement Cell, BBAU, Lucknow
- iv. Member, Organising
- v. Member, School Board of SAS, BBAU, Lucknow
- vi. Member of DSW Team (As Hostel Warden of Sidhartha Boys Hostel), BBAU, Lucknow

**Book/Book Chapter/Authoried/Edited Book/Monograph**

**Prof. NMP Verma**

- i. Inclusive Innovation In Indian Irrigation Sector: An Economic Perspective, Working Paper Series, DST CPR 6/2014.

**Dr. Surendra Meher**

- I. "Public and Private Investment in Indian Agriculture: A Study of Inducement Impact and some Policy Explorations", in Indian Agriculture: Performance, Growth and Challenges (Edited by Parmod Kumar and S. Mohanakumar), Routledge, Taylor and Francis Group, 2016, pp. 82-105.

- II. "Dr. Ambedkar's Vision on Industrialisation and Employment in India: The Present Scenario", in Dr. B.R. Ambedkar An Ultimate Visionary of the Era, Edited by R.C. Sobti, Sudarshan Verma and Priti Saxena (2016) Narendra Publishing House, Delhi ISBN: 978-93-84337-30-8, pp. 181-191
- III. "India's Agricultural Growth and Concerns over Food and Livelihood Security during Post Reform period" in India's Tryst with Democracy-Changing Counters of Politics, Economy and Society edited by S.K. Pandey, Concept Publishing House, New Delhi (in Press)
- IV. The Status of Human Capital and Labour Productivity in India: With Special Reference to Lucknow, (Second author-Jointly with Shivangi Gupta) published in the conference proceeding of the International Conference on "Changing paradigm of Management Practices for Sustainable Development" Edited by S Mishra and Taruna (2016) Page: 219-226, ISBN: 978-93-85895-15-9

**Project Sanctioned/Executed:**

**Prof. NMP Verma**

- i. DST-Centre for Policy Research, BBAU sponsored Major Project "Inclusive Growth in Water, Agriculture, Climate Change, Health and Energy".

**Dr. Surendra Meher**

- a) **A Sponsored Research Project** entitled "Occupational Segmentation and Intergroup Inequalities in Labour Markets in India: A Field Level Investigation from Odisha" sanctioned by Indian Council of Social Science Research (ICSSR) with grant-in-aid of Rs. 8,00,000/- : and with duration of 24 Months for the study. (January 2016) to Dr. Surendra Meher, Asst. Prof.

## Research Publications

### National Journal/Conference/Presentation:-

#### Prof. N M P Verma

S. No.	Title with page nos.	Journal	ISSN/ ISBN No	Whether Peer Reviewed Impact Factor, if any	No. of Co-authors	Whether you are the main author
1.	Augmenting Social Science Knowledge in Developing Economies: Challenges and Alternatives	International Journal of Social Science and Development Policy	ISSN 2454-5732	Yes	None	Yes
2	Tradeoff between Inflation and Unemployment in the Short Run: A Case of the Indian Economy	International Finance and Banking, USA	ISSN 2374-2089	Yes	None	Second author
3.	Knowledge Inclusion in Social Science: Some Indian Issues	International Journal of Social Science and Development Policy	ISSN 2454-5732	Yes	None	Yes

### B). International Journal/Conference/Presentation

#### Prof. NMP Verma

S. No	Title with Page nos.	Type of Book & Authorship	Publisher & ISSN/ ISBN No	Whether peer reviewed	Whether you are the main author
1	IJSSDP two issues	International Journal	ISSN 2454-5732	yes	Chief Editor

#### Dr. Surendra Meher

- I. Innovations and Exclusion in Agriculture: Are Small Farmers Benefitting from Agricultural Growth and Innovation in India, International Journal of Social Science and Development Policy, Vol. 1, No.1, January-June, 2015. Pp.63-75

### Participation in Seminar/conference/workshop

#### NMP Verma

S. No.	Program	Duration	Organized by
1.	Research Methodology Course sponsored by ICSSR Rs. 5.5 Lakhs	10 days July 8-17, 2015	Directed
2.	Post Globalization Growth and Redistribution in Asia, International Conference, BBAU and ASEDS	Dec 16-17,2015	Directed

**Papers/Posters presented in conferences, Seminar, workshop, symposia**

S. No	Title of the paper presented	Title of the Conference/ Seminar	Organized by	Whether international/ national/ state/college University level
1.	Trade off between inflation and growth	Development in Emerging Market	XIT,China// IIMS Kolkatta. At Xuzhou, China, Dec 1-3,2015	5 <sup>th</sup> International
2.	Social Science Knowledge Inclusion	Mangement, Business, Economics, Social Science and Humanities Research,	Bayview Hotel, Singapore, March 5-6, 2016	10 <sup>th</sup> International
3.	Macro Dynamics of Indian Economy	UP/Utrakhand Economic Association Conf	IIT Roorkee Oct 31- Nov 1, 2015	Regional

**Dr. Surendra Meher**

- i. Participated at the National Workshop on Research Methodology and Statistical Analysis in Yogic Sciences organized by BBAU in Association with The Academy of Physical Education, Sports and Yogic Awareness, from 22<sup>nd</sup> August to 28<sup>th</sup> August, 2016.
- ii. Dr. Ambedkar on Employment and Labour Market in India presented at the National Seminar "Babasaheb Bhimrao Ambedkar and Social Justice" organized by Department of Law, School of Legal Studies, BBAU, Lucknow September 22<sup>nd</sup>, 2015.
- iii. "Mahatma Gandhi National Rural Employment Gurantee Act (MNREGA): Some Findings from Sundargarh District of Odisha" presented at the 57<sup>th</sup> Annual Conference of the Indian Society of Labour Economics (ISLE), organized by the Department of Economics, Central University of Kashmir and Division of Agricultural Economics & Marketing and Rajiv Gandhi Chair, Sher-e-Kashmir University of Agricultural Sciences and Technology, 10-12 October, 2015.
- iv. Role of State in Education for Inclusiveness in Development: A Case of India Presented at Two Dtas national Seminar on Privatisation of Education and Social Justice in India organized by Department of Sociology, BBAU, Lucknow November 16-17, 2015.
- v. "Growth and Inequalities in Asia After Globalisation: A Special Focus on Southern Region" presented at the International Conference on Post-Globalisation Growth and Redistribution in Asia jointly with Simta Rani held at BBAU, Lucknow, December 16-17, 2015.
- vi. "Livelihood Concerns of Small Farmers and Marginal Farmers in the Wake of Globalisation, Development and Displacement in India" presented at Two days National Seminar on "Politics of Development in India" organized by Department of Political Sciences, BBAU, Lucknow, February 12-13, 2016.
- vii. Globalisation and Economic Growth: Implications on Employment and Poverty in India, presented at Two days International Seminar on "Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns" (Jointly with Ruchi Bhalla) organized by Department of Sociology, BBAU, Lucknow in collaboration with ASEDS, Lucknow, February 15-16, 2016.
- viii. "Farmers in Dr. Ambedkar's Vision: Past and Present Context" presented at the International Semnar on Dr. AMbedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century (Jointly with Simta Rani) held at BBAU, Lucknow, March 7-9, 2016.
- ix. "Employment and Livelihood Challenges of Small Farmers in Rural India in the Post Globalisation Era" presented in the international seminar on "Changing Counters of Indian Agriculture: Agricultural Growth, Non-Farm Employment and Rural Poverty, held at Jawaharlal Nehru University, New Delhi, March 12-13, 2016.

## 6. Invited Speakers/Session Chaired

### Prof. NMP Verma

#### Invited Lectures and Chairmanships at national or international conferences/ seminar etc

S. No.	Title of Lecture/ Academic Session	Title of Conference / Seminar etc	Organized by	Whether International /National
1.	Chairman, Panel Discussion	Health Status, Utilization of Health Services	TISS/GIDS/ICSSR	National
3.	Inaugural Session Globalization, Environmental Degradation and its Impact on SCs, STs and Women	Globalization, Environment and Social Justice: Perspectives, Issues and Concerns	Department of Sociology, BBAU, Lucknow, February 15-16, 2016	International
4.	Keynote ,Valedictory	4 days orientation prog in Social Sciences	ICSSR/GIDS, Feb 26, 2016	National
5.	Presided, ,Inaugural Session spoke on Marginalization in India	Politics of Development in India	Department of Political Science, BBAU, Lucknow, February 12-13, 2016	National
6.	Lead speaker	Make in India	Deptt of Economics, Magadh Univ, Bodh Gaya	National
7.	Doordarshan Lucknow	Interaction on Jan Dhan Yojna.	Doordarshan Lucknow, 26-5- 2015	National
8.	Presided Inaugural session Globalization and Challenges of Privatization of Education	Privatization and Social Justice in India	Department of Sociology, BBAU, Lucknow, November 16-17, 2015	National
9.	ICSSR sponsored Research Methodology Course Inaugural & Valedictory	Computer Application in Social Sciences	Department of Economics, BBAU, Lucknow, July 8-17, 2015.	National

### Dr. Surendra Meher

Delivered a lecture on "Inequality Measurement" in the ICSSR Sponsored Ten Days Research Methodology course focusing Computer Application in Social Sciences held at BBAU, Lucknow

## 7. Research Guidance Ph. D. Supervised and Awarded

### A. Ph.D. Awarded

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
01	Ms. Monika Singh	Prof. NMP Verma	Capability Enhancement among Women through Self-Help Groups: A Regional Study of Uttar Pradesh
02	Ms. Anshu Singh	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
03	Ms. Shivani Singh	Prof. Sanatan Nayak	An Economic Analysis of Environmental Externalities: A Study on Jajmau Leather Industrial Area of Kanpur, Uttar Pradesh
04	Ms. Shivani Tiwari	Prof. Sanatan Nayak	Gender Inequality in Agricultural Sector in Agriculture
05	Ms. Malti Singh	Dr. L C Mallaiah	The Impact of Contract Farming on Small and Marginal Farmers with Special Reference to Dalit Farmers in Uttar Pradesh

### B. Ph.D./M.Phil. Continuing

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
1.	Malti Singh (Pre-Submission Presentation completed )	Dr. L.C. Mallaiah	The Impact of Contract Farming on Small and Marginal Farmers with Special Reference to Dalit Farmers in Uttar Pradesh
2.	Naveed Ahmad Lone (Pre-Submission Presentation completed )	Dr. D.K.Yadav	Determinants of Inflation in India: A Study of Compositional Shift in the Post Reform Period
3.	Sanjay Kumar Upadhyay	Dr. L.C. Mallaiah	Impact of Agricultural Credit on Socio-Economic Condition of Small and Marginal Farmer in Uttar Pradesh
4.	Surendra Singh	Dr. Sanatan Nayak	An Economic Analysis of Climate Change and Its Impact on Agriculture Production: A Case Study of Bundelkhand Region in Uttar Pradesh
5.	Rahul (Pre-Submission Presentation completed)	Prof. NMP Verma	Employment and Wage Pattern in the Commercial Construction sector: A Case study of Noida Uttar Pradesh
6.	Awadhesh Kumar Soni	Dr. D.K.Yadav	Financing of Transport Activities in the Unorganised Sector: A Case Study of Rickshaw Pullers of Allahabad City, Uttar Pradesh
7.	Amit Singh	Dr. L.C. Mallaiah	Impact of Corporate Farming and Agricultural Development in Uttar Pradesh
8.	Shweta Singh	Dr. L.C. Mallaiah	Micro Finance and Empowerment of Women- An Analysis of SHG in Uttar Pradesh

9	Ved Prakash	Dr. D.K.Yadav	An Analysis of Fundamental Variable And Exchange Rate Determination: A Comparative Study Of India, China And USA
10	Arvind Kumar	Dr. Surendra Meher	Trends and Patterns of Women Employment in the Unorganized sector: With Special Reference to Uttar Pradesh
11	Vandana Ahirwar	Dr. Sanatan Nayak	An Economic Analysis of Air Pollution: A Case Study of Lucknow, India
12	Ravindra Sah	Dr. Sanatan Nayak	Indoor Air Pollution and Poverty: Comparative Study of Rural Bihar and Rural Uttar Pradesh
13	Simta Rani	Dr. Surendra Meher	Livelihood Security of Landless Labours, Small and Marginal Farmers in India : A Case Study of Uttar Pradesh
14	Kanti Devi	Prof. NMP Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons
15	Parul Verma	Dr. L.C. Mallaiah	The Pertinence of Dr. B.R. Ambedkar's Views on Economic Development after New Economic Reforms in India
16	Pragya Sharma	Prof. Sanatan Nayak	Groundwater Sustainability : A Common Pool Resource Approach Towards its Management
17	Priti Jha	Prof. Sanatan Nayak	Linkage between Trade and Scarcity of Water : A Case Study of Water Intensive Industry in Uttar Pradesh
18	Chhavi Goel	Prof. NMP Verma	Market Price of Petroleum Products and Its Impact on Effective Demand of Automobiles in India
19	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
20	Ruchi Bhalla	Dr. Surendra Meher	Interlinkages between Human Development Indicators and Economic Growth in India : A Study with Reference to Kerala and Uttar Pradesh
21	Pawan Kumar Yadav	Prof. NMP Verma	Not Decided
22	Diksha Rani	N.A	Not Decided
23	Alka Singh	Prof. Sanatan Nayak	Displacement and Resettlement due to Development of Real Estate Industry : A Case Study of Lucknow District
24	Pratinidhi	Prof. N M P Verma	Short Run Linkage between Inflation and Unemployment during Pre and Post-Recession : A Study of India
25	Bipender Singh	Dr. L C Mallaiah	Economic Viability of Organic Farming in Uttar Pradesh: A Cost Benefit Analysis
26	Khyati Srivastava	N.A.	Not Decided
27	Vertika Srivastava	Dr. Surendra Meher	Not Decided

28	Robin	Dr. Sanatan Nayak	River Degradation and its Impact on Livelihood: A Case Study in River Gomti, Lucknow
29	Shivangi Sharma	Dr.Surendra Meher	Dropout
30	Abhishek Singh	Prof. S. Nayak	The Economics of Behavioral Genesis of Waste
31	Shekhar	Dr. L C Mallaiah	Economic Evaluation of UP State Agricultural Produce Markets Board with Reference to Lucknow
32	Girja Shankar	Dr. L C Mallaiah	Dropout
33	Subrat Kumar Malik	Prof. S. Nayak	Environmental Impact of Industrialization : A Study on Balasore Alloys Industry, Odisha
34	Manoj Kumar	Dr. Surendra Meher	Performance of MGNREGA in India : A Case Study of Jalaun District, Uttar Pradesh
35	Shambhavi Singh	Dr. Surendra Meher	Trends and Patterns of Migration in India : A Case Study of Lucknow, Uttar Pradesh
36	Swapnil Gupta	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
37	Arshi Zia	Dr. D K Yadav	Interest Rate Policy and Performance of Macro Variables : A Study of Indian Economy in the Post Reform Period.

## 8. Membership of Professional Bodies:

### Prof. NMP Verma

- i. Life Fellow, Indian Academy of Social Sciences, Allahabad

## 9. Google Scholar Profile:

### Prof. NM P Verma

S. No.	Name of the faculty Member	Citations	H-Index	i10-index
1	Prof. N. M. P. Verma	21	3	0
2	Dr. Surendra Meher	9	-	-

## DEPARTMENT OF HISTORY

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 Dr. Debojyoti Das, Birbek University, London on the topic entitled "Tropical Cyclones in South Asia: The Dialectics of Social and Environmental Change" May, 2015

#### Memorandum of Understandings signed

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

#### Ph.D submissions

Twelve research scholars have submitted Ph.D thesis

**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

#### Accomplishments of students:

- 03 Students have been selected in UP-PCS
- 01 Student has been selected as Lekhpal
- 02 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.
- 02 Gold Medalists in Academics
- 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

##### Prof. S. Victor Babu

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

##### Dr. Shura Darapuri

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

##### Dr. V.M. Ravi Kumar

08 Ph.D Students & 04 M.Phil Students.

##### Mr. B.N. Prasad

04 M.Phil Students.

##### Dr. Renu Pandey

03 M.Phil Students.

#### 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, 25<sup>th</sup> -29<sup>th</sup> 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.

### Academic details/activities of the Faculty of Department

#### 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

#### Details of the project Sanctioned/Executed (10.04.2015 to 31.03.2016)

##### Dr. Renu Pandey

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

### Research Publication (s)

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

##### Prof. S. Victor Babu

- Social Exclusion and Inclusion: A Journey from past to Present, R.C, Sobti, et.al (Ed.), Jaya Publishing House, New Delhi, 2016.
- Universalization of local deities in Medieval Andhra, in Y.Chinna Rao, et.al (Ed.) Musings on South India, New Delhi, 2016

##### Dr. Shura Darapuri

- Chapter entitled “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, Jaya Publishing House, New Delhi,2016

- 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

- Associate Editor of the book entitled: The Contribution of Babasaheb Ambedkar for Development of Modern India, Excel Publishers, New Delhi, 2016.
- Ambedkar and Modern India: Myth and Reality published in R.C. Sobti, etal eds Ambedkar and Modern India, 2016, New Delhi.
- History of leather industry in Agra, in R.C. Sobti, etal eds Ambedkar and Modern India, 2016, New Delhi.

##### Mr. B. N. Prasad

- ‘Marsh, Rice, Religion: Some Aspects of Environmental and Religious Change in Early Medieval Surma Valley’ , in S.Nag (ed.), Environmental History of North-Eastern India , Manohar Publications, New Delhi (forthcoming)
- ‘The Social Bases of Patronage to the Vikramasila Mahavihara: An Epigraphic Enquiry’, in S. Nag (ed.), Prof. A. Guha Commemoration Volume, Primus Books, Delhi (forthcoming)

## b. Paper published

### Dr. V. M. Ravi Kumar

- Sustainable Forest Management in Unsustainable Times: A Study of Participatory Forest Management in South India, International Journal of Social Science and Development Policy, Vol.2. No.2. 2016.
- 'Non-Brahman India: Dalit Buddhist Movement in South India (Iyothee Thass). Research Front, Vol. 4.Issue. I, Jan-March, 2016, pp. 19-22.
- Relevance of Dr. B.R Ambedkar for Indian Environmentalism, Desh Vikas: The Journal of Social Science, Vol, 2, issue: 4, January-March, 2016, pp. 145-151.
- Women Empowerment and Community Forestry, Social Vision, pp. 161-169. API 10
- 'Ambedkar and Environmental Movement in India', Indian Journal of Dalit and Tribal Studies, BHU.
- History of Indian Environmental Movement: A Study of Dr B.R. Ambedkar from the Perspective of Access to Water, Contemporary Dalit Voice, 8, (2), 2016 pp.1-7.

### Dr. Renu Pandey

- Journal of History and Social Sciences (JHSS) 2229-5798 "Contesting Patriarchy and Caste: A case study of Savitribai Phule" Vol VI, December 2015
- 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".
- Contemporary Voice of Dalit SAGE Publications Phule and Gandhi on Education: A Comparative Analysis of their Social Ideologies 2016

## c. National Conference/Journal/Paper presentation (if any)

### Dr. Shura Darapuri

- Paper: "Dr Babasaheb Bhimrao Ambedkar as the champion of women's rights" in National Seminar on "Babasaheb Bhimrao Ambedkar and Social Justice" organized by Department of Law, School for Legal

Studies, BBAU, Lucknow, on 22<sup>nd</sup> September 2015

- Paper: "Contributions of Dr Ambedkar" in National Seminar on Role of Libraries to Educate Downtrodden Society in the Present Day Scenario (NSRLEDTS) organized by Department of Library and Information Science, School for Information Science and Technology, BBAU, Lucknow on 9<sup>th</sup> August 2015
- 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 18<sup>th</sup> 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 8<sup>th</sup>-9<sup>th</sup> 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 19<sup>th</sup> February 2016
- Paper: Right to Education and Social Justice in India: Educational Exclusion of Dalit Children in Two-day National Seminar on Privatisation of Education and Social Justice in India, organized by Department of Sociology, BBAU, Lucknow, 16<sup>th</sup>-17<sup>th</sup> November 2015
- 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 12<sup>th</sup>-13<sup>th</sup> 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 30<sup>th</sup>-31<sup>st</sup> March 2016

- Attended National Symposium on “Re-envisioning the concept of Good Governance in India” by Department of Political Science, BBAU, 23<sup>rd</sup> December 2015

#### **Dr. V. M. Ravi Kumar**

- Ambedkar as Modernist Thinker, presented in National Symposium Organized by BBAU, Lucknow, April, 2016.
- History of women Reformers in tribal areas, National Seminar Organized by National College, Lucknow, 2016.
- Discourse and Practice: A Historical and Contemporary Analysis of Dalit Identity in India, National seminar organized by G.B. Pant Research Institute, Allahabad.
- Pre-History of Indian Environmental Movement: A Study of Dr. B.R. Ambedkar from the perceptive of access to water, National Seminar on Ambedkar’s Vision of Inclusive Society, Feb 19, 2016.
- Land and Dalits: An Analysis on Ambedkar’s Vision of Dalit Development, National Seminar on Politics of Development in India, Organized by Department of Political Science, Feb, 12-13, 2016.
- Contribution of Indira Gandhi for Indian Environmental Policies: A Review, National Seminar on Contribution of Indira Gandhi for Indian Society and State, Organized by College, Pratapgarh, UP.

#### **Dr. Renu Pandey**

- “Women writings in colonial India” in RCA seminar, BBAU
- “Gendering Globalization: A Feminist perspective”, International seminar on “Globalization, Environment and Social Justice: Perspectives, Issues and Concerns”, 15<sup>th</sup> Feb. 2016.

#### **International Conference/Journal/Paper Presentation (if any)**

#### **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 15<sup>th</sup>-16<sup>th</sup> 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 5<sup>th</sup>-6<sup>th</sup> 2016

#### **Dr. V. M. Ravi Kumar**

- “Water and Dalits: A Study on Impact of Water Crisis on Livelihoods of Dalits” International Seminar Organized by Department of Sociology, BBAU, Lucknow, 2016. API 05
- From Political Economy to Political Ecology: A Study of Ambedkar’s Ideas and Activities from Ecological Perceptive, International Seminar on Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century, Organized by BBAU, March 7-9, 2016.
- “Green Buddhism: A Study of Idea and Practice”, International Conference on Pali Diwas organized by International Research Institute of Buddhist Studies, Lucknow, 31<sup>st</sup> March to 1<sup>st</sup> April, Lucknow.
- “Ambedkar’s Vision of Rural Development in India”, International Conference organized by the School for Management Studies, BBAU on March, 5-6, 2016.

#### **Participation in Orientation/Refresher Course/Work Shop/Seminar/Conference (if any)**

#### **Dr. Renu Pandey**

- International Seminar from the Dept. of Pol. Science, presented a paper 5<sup>th</sup> -7<sup>th</sup> March 2016-04-10
- Convened the program in Pol. Sc. dept in National symposium on Babasaheb Bhimrao Ambedkar
- Presented a paper on “Women writings in Colonial India” Residential Coaching Academy in March 2016
- Attended International Seminar on “Globalisation, Environment and Social Justice: Perspectives, issues and concerns” organised by Sociology Department of

Babasaheb Bhimrao Ambedkar University, Lucknow, UP. and presented a research paper entitled "Gendering Globalisation: A Feminist Perspective" (15<sup>th</sup> February, 2016)

- Attended International Seminar and presented a paper on Buddhism in International Buddhist centre at Lucknow in 31<sup>st</sup> March, 2016

### **Invited Speaker/Session Chaired in National/ International Conferences details (if any)**

#### **Dr. Shura Darapuri**

- **Co-chaired session** (2<sup>nd</sup>), 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 8<sup>th</sup>-9<sup>th</sup> 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 19<sup>th</sup> February 2016

#### **Dr. Renu Pandey**

- 15-24<sup>th</sup> June, 2015 delivered a lecture on 'Post-Modernism and the Writing of History', BHU

### **Membership/Fellowship of Professional/ Academic Bodies**

#### **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

### **Google Scholar Profile (if available)**

#### **Prof. S. Victor Babu**

- **Google Scholar Profile (if available) : Yes**

## DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science in the University is a new Department established in 2008. The department is dedicated to promote teaching and research in the emerging fields of political science like public policy and governance, comparative politics, international relations and human rights while maintaining the scholarship in some of the conventional fields like political theory, political philosophy etc. 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:

#### Seminars/Conferences/Workshops organized by the Department

- National Symposium on "Dr. B.R. Ambedkar, The Making of the Indian Constitution and its Contemporary Relevance" on 26 November, 2015, Organizing Secretary: Prof. Ripu Sudan Singh
- National Seminar on "Politics of Development in India" from 12-13, February, 2016, Organizing Secretary: Prof. Sartik Bagh
- International Seminar on "Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century" from 7-9, March, 2016, Organizing Secretary: Prof. Ripu Sudan Singh
- National Seminar on "Emerging Trends and Dynamics in Indian Politics" from 21-22, March, 2015, Organizing Secretary: Dr. S.K. Pandey
- A special lecture series on "Different Issue of Social Science Disciplines Emerging in 21<sup>st</sup> Century" 27-28 March, 2016, Organizing Secretary: Dr. Preety Choudhari

**Course offered/New Course:**

- B.A. (Hons.) & M.A. (Public Administration Program), M.A Political Science, PhD Political Science

**Visitors of the Department:**

- Prof. Henrik Bercklund, Stockholm University, Sweden

**Accomplishments of Student:**

- One student are selected for M.Phil/PhD. in Jawaharlal Nehru University, New Delhi

**Faculty wise supervision:**

S. No.	Name of the Scholar	Supervisor	Topic	Status
1.	Jitendra Kumar Singh	Prof. SartikBagh	Politics of Social Engineering: A Case Study of BSP in U.P.	Award
2.	Lalta Prasad	Prof. SartikBagh	“दलित शिक्षा में राज्य और सभ्य समाज की भूमिका: (रायबरेली) उत्तर प्रदेश के विशेष सन्दर्भ में”	Award
3.	Anil Kumar	Prof. Ripu Sudan Singh	“भूयान में लोकतान्त्रिक आन्दोलन”	Award
4.	Santwana Pandey	Prof. Ripu Sudan Singh	Emergence of Regional Political Parties and their Impact on Uttar Pradesh (From 1980 to 2010)	Award
5.	Ram Bachan Kumar	Dr. Shasikant Pandey	“क्षेत्रीय राजनीतिक दलों की गतिशीलता और भारत में राजनीतिक स्थायित्व: राजग सरकार का अध्ययन”	Award
6.	Anand Pratap Singh	Prof. Ripu Sudan Singh	Sino-India Relations: With Special Reference to Border Disputes (Arunachal Pradesh and Axasi Chin)	Award
7.	Upendra Kumar	Prof. SartikBagh	“पंचायती राज व्यवस्था में महिला सहभागिता एवं नेतृत्व: उत्तरप्रदेश के बलिया जिले के विशेष सन्दर्भ में”	Submitted
8.	Shafali Singh	Dr. Shasikant Pandey	Human Rights in India: A Study of Child Labour in Lock Industry Aligarh, UP	Award
9.	Ram SuratHarjan	Prof. Ripu Sudan Singh	“वैश्वीकरण एवं भारत में सामाजिक न्याय: अम्बेडकरनगर के अनुसूचित जाति का अध्ययन-2000 से 2010”	Continued....
10.	Abhay Singh	Prof. SartikBagh	“उत्तर आर्थिक उदारवाद के बाद खाद्य सुरक्षा की समस्या और राज्यों की प्रतिक्रिया: उत्तर प्रदेश के बस्ती जनपद का अध्ययन”	Continued....
11.	Ajay Bharti	Dr. Siddhartha Mukerji	“विकासात्मक नीतियों का संचालन एवं उत्तर प्रदेश में बहुजन समाज पार्टी का शासनकाल: रायबरेली तथा फैजाबाद जनपद के विशेष सन्दर्भ में (2007 से 2012)”	Submitted
12.	Deepti Singh	Prof. SartikBagh	Role of State in Education of Tribal Community: With Special Reference to Bharia Tribe in Patalkot Region (M.P)	Continued....
13.	SuchitraDiwakar	Prof. SartikBagh	“उच्च शिक्षा में अनुसूचित जाति की महिलायें: लखनऊ: विश्वविद्यालय एवं बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय का तुलनात्मक अध्ययन (वर्ष 2000 से अब तक)”	Continued....
14.	Rajiv K. Prajapati	Dr. Shashi Kant Pandey	“पूर्वी उत्तर प्रदेश में अल्पविकास की राजनीति: आजमगढ़ जनपद के विशेष सन्दर्भ में”	Continued....

15.	Ranjana Upadhyaya	Dr. Shashi Kant Pandey	Women Leaders in Political Parties: Pattern of Recruitment, Perceptions and Performance in Uttar Pradesh	Submitted
16.	Rohit Kumar	Prof. Ripu Sudan Singh	Dilemma and dynamics of Democracy in Egypt in the post-Cold War period	Continued....
17.	Maya Bharti	Prof. SartikBagh	“महिलाओं की सहभागिता तथा सशक्तिकरण में मनरेगा की भूमिका- उत्तर प्रदेश के कौशाम्बी जिले (कौशाम्बी विकास खण्ड) के विशेष सन्दर्भ में”	Continued....
18.	Veer Kumar Rai	Prof. Ripu Sudan Singh	Global Health Governance and Health Security: An assessment of NRHM in U.P with special reference to Raebareli District	Continued....
19.	Rajeev Sagar	Dr. Siddhartha Mukerji	“Governance of Mid-Day Meal Scheme in Uttar Pradesh: A Case Study of Rampur District”	Continued....
20.	Indu	Prof. Ripu Sudan Singh	“शीत युद्धोत्तर भारत-ईरान सम्बन्ध: ऊर्जा सुरक्षा के विशेष सन्दर्भ में”	Continued....
21.	Sandeep Kumar Aaditya	Prof. Ripu Sudan Singh	Sexual Violence Against Women in Uttar Pradesh: Responses of Police and Judiciary	Continued....
22.	PremSankarGond	Prof. SartikBagh	“ग्रामीण विकास में मनरेगा की भूमिका: बिहार के कैमूर जनपद का एक अध्ययन”	Continued....
23.	SeemaKumari	Prof. SartikBagh	“डा. अम्बेडकर में सामाजिक एवं राजनीतिक विचारों का प्रभाव: महाराष्ट्र एवं उत्तर प्रदेश के दलित आंदोलन का तुलनात्मक अध्ययन”	Continued....
24.	Ajay Kumar Pathak	Dr. Siddhartha Mukerji	“उत्तर प्रदेश में भारतीय जनता पार्टी का राजनीतिक अभ्युदय: 2014 लोकसभा चुनाव के विशेष सन्दर्भ में”	Continued....
25.	Dinesh Kumar	Prof. SartikBagh	Land Acquisition Policy under Neo Liberal Regime: A Case Study of Lucknow, U.P	Continued....
26.	Pramod Kumar Pandey	Dr. Siddhartha Mukerji	हिन्दुत्ववादी राजनीति का अभ्युदय एवं मतदाताओं का दृष्टिकोण: उत्तर राम जन्मभूमि आन्दोलन के संदर्भ में गोरखपुर जिले का अध्ययन	Continued....
27.	Santosh Kumar	Dr. Shashi Kant Pandey	Political Discourse in Social Media and Its Impact on the Participation of Youth in Uttar Pradesh	Continued....
28.	Mehdi Ali	Dr. Shashi Kant Pandey	State and Human Rights in India: A Case Study of Kashmir Valley	Continued....
29.	Avneesh Kumar Gautam	Prof. Ripu Sudan Singh	भूमण्डलीकरण के दौर में उत्तर प्रदेश में पर्यावरणीय राजनीति (1991 से अब तक)	Continued....
30.	Shraddha Mishra	Allotted after DRC	after DRC	Continued....
31.	Vikas Shukla	Allotted after DRC	after DRC	Continued....
32.	Ram SuratYadav	Allotted after DRC	after DRC	Continued....
33.	Abhishek Kumar	Allotted after DRC	after DRC	Continued....

### Seminars/Conferences/Workshops organized by the Department

- National Seminar on “Politics of Development in India” from 12-13, February, 2016, Organizing Secretary: Prof. SartikBagh
- Community Service in Rampura Village Mohanlalganj, Lucknow, attended by M.A. &PhD Students of the Department in November, 2015 organized by Dr. Siddhartha Mukerji
- International Seminar on “Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century” from 7-9, March, 2016, Organizing Secretary: Prof. Ripu Sudan Singh
- National Symposium on “Dr. B.R. Ambedkar, The Making of the Indian Constitution and its Contemporary Relevance” on 26 November, 2015, Organizing Secretary: Prof. Ripu Sudan Singh
- National Seminar on “Emerging Trends and Dynamics in Indian Politics” from 21-22, March, 2015, Organizing Secretary: Dr. S.K. Pandey
- A special lecture series on “Diferent Issue of Social Science Disciplines Emerging in 21<sup>st</sup> Century” 27-28 March, 2016, Organizing Secretary: Dr. PreetyChoudhari

### Future Plans of the Department:

- Introducing more courses in both M.A and PhD Programmes that are socially relevant. Some of these courses to be introduced in future are: Democracy in India, Social Justice in India, Ambedkar’s Political Ideas and Development and Governance in South Asia
- 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

### Academic Activities of the Faculty:

#### Prof. Ripu Sudan Singh

Professor & Head, DPS  
Dean of Student Welfare (DSW)  
BBAU, Lucknow

#### Publications

- “Discourse on People’s Health System ,” Kahaar, ( A carries for Knowledge of Sustainable Development), ISSN 2394-3912, Vol. 2 April-September 2015, Lucknow
- Edited Book based on the articles in the International Seminar entitled

### Faculty details:-

S. No.	Name	Designation	Qualification	Area of Specialization
1.	<b>Prof. Ripu Sudan Singh</b>	Professor & Head	M.A, M.Phil, PhD	International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics
2.	<b>Prof. Sartik Bagh</b>	Professor	M.A, M.Phil, PhD	Political Theory/Philosophy, Indian Politics, Public Policy (Education Policies and Food Security), Panchyati Raj Institutions in India
3.	<b>Dr. Shashi Kant Pandey</b>	Associate Professor	M.A, M.Phil, PhD	Human Rights, Indian Government and Politics, Minority Issues
4.	<b>Dr. Siddhartha Mukerji</b>	Assistant Professor	M.A, M.Phil., PhD	Comparative Politics, Industrial Policy, Public Administration and E-Governance
5.	<b>Dr. Preety Choudhari</b>	Assistant Professor	M.A, M.Phil., PhD	International Relations, Indian Government and Politics, Women Studies

*Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21st Century*, ISBN:978-81-931392-8-8. Pub. 2016, MRI Publication, Lucknow/Delhi

### Presentation of papers in Seminar/Conference/Workshop

- Delivered lecture in the inaugural session of the National Seminar organized by the Department of Political Science, Mahatma Gandhi Kashi Vidhayapeeth, Varansi on **DR. BHIMRAO AMBEDKAR AND CONTEMPORARY INDIA** sponsored by ICSSR, New Delhi held on 27-28 February 2016
- Presented paper on *Dr. Ambedkar's Vision of Dhamma: A Global Perspective* in a three day International Seminar organized by BBAU, Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21st Century, (March 7-9, 2016)
- Presented paper on the topic **STATE-NATION DILEMMA AND KURSIH ISSUE: PROBLEM OF GOVERNANCE IN WEST ASIA** under individual paper panel on 6 July 16 in the Riverbank Room 2 at 13.30 to 15.00 hour in the 9<sup>TH</sup> INTERNATIONAL CONVENTION OF ASIA SCHOLARS (ICAS 9) **ADELAIDE AUSTRALIA DURING 5<sup>TH</sup> TO 9<sup>TH</sup> JULY 2015**
- Invited as a speaker in the *workshop on Writing Research paper* on 30, Nov., 2015 organised by Department of Business Economics, Faculty of Management Studies, VBS Purvanchal University, Jaunpur (UP), India in collaboration with SAGE India Pvt.Ltd.. to deliver lecture on the recent development and modes of writing research paper/project.
- Invited as a Resource Person in the 19 Convention of U.P. Political Science Association and National Seminar sponsored by ICSSR, New Delhi held from 4 to 6 December 2015 on the topic **RISING INDIA: DOMESTIC AND EXTERNAL OPPORTUNITIES AND CHALLENGES** organized by the Department of Political Science, Agra College, Agra.

### Project

- Major research project on the topic

**POLITICAL PARTICIPATION AND SOCIAL INCLUSION: A CASE STUDY OF BOATSMEN COMMUNITY OF BUDELKHAND REGION IN UTTAR PRADESH** sent to ICSSR, New Delhi

### Special lectures

- Invited to deliver extension lecture on *"Secularism and Indian Democracy in 21<sup>st</sup> Century"* organized by Khwaja MC UAF University, Lucknow held on 26 March, 2015
- Lecture delivered on **AMBEDKAR ON PHILOSOPHY AND RELIGION** on 27 May 2016 in **MPDC-405 programme**

### Subject Experts:

- Invited as a Subject expert in the CAS selection in Political Science, in Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, New Delhi
- Subject Expert in the Lower PCS Interview held at U.P. P CS, Allahabad from 14 to 16 December 2015
- External Member in DRC in Bundelkhand University, Jhansi

### Organising Secretary

- International Seminar on *"Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century"* from 7-9, March, 2016, Organizing Secretary: Prof. Ripu Sudan Singh
- National Symposium on *"Dr. B.R. Ambedkar, The Making of the Indian Constitution and its Contemporary Relevance"* on 26 November, 2015, Organizing Secretary: Prof. Ripu Sudan Singh
- International Yoga Day on 21<sup>st</sup> June 2015, Venue: Atal Bihari Vajpai Auditorium, BBAU, Lucknow
- Course coordinator of **FOUNDATION COURSE, MPDC-405, End Semester Examination (Jan-May 2016) (IV Semester) Title-Ambedkar Studies (From 27 to 30 May, 2016)**
- **Coordinator of Public Administration Program**

### Prof. Sartik Bagh, Professor

#### Publications

- "Education in the Era of Market Economy: Consequences and Challenges", *Man and Development*, 2015, CRRID, Chandigarh
- Discrimination and Beyond, *Indian Journal of Dalit and Tribal Studies*, 2015, BHU, Banaras

#### Presentation of papers in Seminar/Conference/Workshop

- Participated as researcher/resource person in a workshop on "Earthquakes and Landslides: Addressing Administrative and Technological Challenges in Building Resilience" held during 9<sup>th</sup> April -12<sup>th</sup> April, 2016, organised by Disaster Resource Programme, JNU, New Delhi at Imphal University, Manipur
- Paper presented on the topic "Democracy and Buddhism in India" at India Thailand Joint Seminar organized by ICSSR, New Delhi on September 06-07, 2016

#### Project

- International Project on "Real Estate Sector and Rural Migration: A Study of Lucknow" in collaboration with Stockholm University, Sweden, team member (Ongoing project)

#### Special lectures

- Delivered a talk on "Status of health and education and marginalized sections in India" on 27-02-2016, at Centre for Social Exclusion and Inclusive Policy, BHU
- Delivered lecture on "Ambedkar and idea of representation for Dalits in India" on 29-05-2016 at Babasaheb Bhimrao Ambedkar University, Lucknow

#### Member of National level Committee

- Expert Committee on National and International Seminar, ICSSR, New Delhi

### Dr. S.K. Pandey, Associate Professor

#### Publications

- "Women Rights as Human Rights: Post-Beijing Scenario", *Indian Journal of Politics*, Department of Political Science, Aligarh Muslim University, vol.49, no. (1-2), January-June 2015 (forthcoming)

- *India's Tryst with Democracy: Changing Contours of Politics, Economy and Society*, Concept Publishing House, New Delhi, 2016
- "Women's Question In Modern Democracies: Issues of Representation in Public Sphere", *International Journal of Social Science and Development Policy*, 2 (1), January-June 2016

#### Project

- International Project on "Real Estate Sector and Rural Migration: A Study of Lucknow" in collaboration with Stockholm University, Sweden, team member (Ongoing project)

#### Special Lectures

- Delivered lecture on the topic "Review of Literature", Department of Rural Management, BBAU, Sponsored by ICSSR, New Delhi

### Dr. Preety Choudhari, Assistant Professor

#### Publications

- Paper title "Challenge in Implementation Of Rights Based Policy : A critical Evaluation of Role Of PRIs in MGNREGA implementation in Uttar Pradesh" has been accepted for publication in an international journal of Association of the Socio-Economic Development Studies , BBAU ,Lucknow, India.
- "Manager Pandey MimansakeNayeAayam" published in Hindi journal Mantavya.

#### Presentation of papers in Seminar/Conference/Workshop

- Presented paper in a National Seminar on 5<sup>th</sup>Feb 2016 at the Centre for Human Rights, Ram Manohar Lohia University, Lucknow on Panchayati Raj Institutions.
- Presented paper in an International Seminar held at BBAU on 15-16 Feb, 2016 on the topic Flagger Environment Regime in Uttar Pradesh: A contradiction of Development and Degradation in the Age of Globalization.

#### Special Lectures

- National Seminar organized by Committee of Basic Facilities for Women on 8<sup>th</sup> -9<sup>th</sup> March at BBAU.

- Delivered a lecture as resource person at Khwaza Moinnuddin Chishti Arbi Farsi University on 9<sup>th</sup> March 2016 on the topic "Feminist Methodology."
- Delivered lecture as a resource person in a seminar organised by Ministry of Information and Broadcasting at Akashwani Lucknow on 14<sup>th</sup> April 2016 on Babasaheb Ambedkar .
- Delivered a lecture on Dr. Hajari Prasad Dwivedi on 9<sup>th</sup> August in a seminar organized by Hindi Dept., BBAU

#### Course Attended

- Attended the Appreciation Course in Parliamentary Processes and Procedures from 2/5/2016 to 6/5/2016.
- Availed the second spell of UGC -IIAS fellowship in the month of June 2016.

#### Dr. Siddhartha Mukerji, Assistant Professor

#### Publications

- "Urban-Rural Patterns of Campaigning by BJP in Uttar Pradesh (Lok Sabha Elections 2014)" *Studies in Indian Politics: Sage Publications*, vol.3, no.1, June 2015
- "Ethnic Linkages and Economic Partnership: The Changing Dynamics of Indo-Sri Lanka Relations", *Indian Journal of Politics*, Department of Political Science, Aligarh Muslim University, vol.49, no. (1-2), January-June 2015
- "Industrial Policy Reforms since 1991: The Contexts of Globalization and Domestic Politics in India" in Manish Verma's, ed., *Globalization and Environment: Discourse, Policies and Practices*, 2015, New Delhi: Rawat Publications
- "Democracy and Technology in India" in S.K. Pandey's., ed., *India's Tryst with Democracy: Changing Contours of Politics, Economy and Society*, Concept Publishing

House, New Delhi, 2016

#### Presentation of papers in Seminar/Conference/Workshop

- Presented a paper on "2015 Gram Pradhan Elections in UP: Money, Power and Violence" at an international conference from 7-8 June, 2016 organized at London School of Economics and Political Science, London, UK
- Presented a paper on "Socio-Political Dynamics of Pradhan Elections in UP (2015)" in the EECURI (India-Europe Project) Conference at Sariska, Rajasthan.
- Presented a paper entitled "Look East Policy of India: Moving Towards a New Asian Age" in a national seminar on India's Foreign Policy by Department of Political Science, Banaras Hindu University, Varanasi from 30 April- 1 May 2015.
- Presented a paper "Democracy in the Grassroots: Emerging Patterns of Participation and Decision-Making in UP's Gram Panchayats" in a national seminar on "Two Decades of 73<sup>rd</sup> Constitutional Amendment Act" organized by Centre for Human Rights, Dr. Ram Manohar Lohiya National Law University, Lucknow on 5 February, 2016.
- Presented a paper entitled Dr. Ambedkar's Vision of Inclusive Development: Implications for E-governance and Social Empowerment" in the international seminar organized by BBAU on "Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century" from 7-9, March, 2016.

#### Projects

- International Project on "Real Estate Sector and Rural Migration: A Study of Lucknow" in collaboration with Stockholm University, Sweden, team member (Ongoing project)

## DEPARTMENT OF SOCIOLOGY

### A. 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'.

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

### C. Visitors to the Departments, if any- Nil

### D. Accomplishments of Students

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

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

1. **Prof. Kameshwar Chaudhary**- Ph.D.- 03 and M.Phil- 03
2. **Prof. Bibhuti Bhushan Malik**- Ph.D.- 05 and M.Phil- 02
3. **Prof. Manish K. Verma**- Ph.D.- 04 and M.Phil- 03
4. **Dr. Birendra Narayan Dubey**- Ph.D.- 06 and M.Phil- 04
5. **Dr. Jaya Shrivastava**- Ph.D.- 04 and M.Phil- 04
6. **Dr. Brajesh Kumar**- Ph.D.- 05 and M.Phil- 04

### F. Co-curricular/extra-curricular/ conferences event organized by the Department

1. Organized ICSSR sponsored Two day National Seminar on "Privatization of Education and Social Justice in India" November 16-17, 2015 at Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.
2. Organized ICSSR, ICPR, NABARD, SIDBI, and SBI sponsored Two day International Seminar on "Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns" on February 15-16, 2016 at Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

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

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

4.	<b>Birendra Narain Dubey</b>	Associate Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Education; Tribal Sociology; Sociology of Knowledge	dubeybbau@gmail.com
5.	<b>Jaya Shrivastava</b>	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.	<b>Brajesh Kumar</b>	Assistant Professor	M.A., Ph.D. (BHU, Varanasi)	Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education	bksocio@gmail.com

## Faculty Details

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

#### Prof. Kameshwar Choudhary

Indian Sociological Society (ISS)  
Indian Social Science Association (ISSA)  
Indian Academy of Social Sciences

#### 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.
- Life Member (LMI-2601), Indian Sociological Society, New Delhi. (Approved by ISS Management Committee on 17 March 2007).
- 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 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, journal 'Research Process', Aurangabad, Maharashtra

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

#### Dr. Birendra Narain Dubey

- International Sociological Association
- Indian Sociological Association
- Comparative Education Society of India
- Indian Teachers' Association
- Member, Advisory Board of Journal-Nagrik, Uttar Pradesh.

#### 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, Research Post Journal, Jaipur.

#### Dr. Brajesh Kumar

- Member, Indian Sociological Society (ISS)
- Member, Indian Association of Teacher Educators, Bareilly
- Member, National Editorial Advisory Board, Journal of Social Welfare and Management, Delhi

## 2. Research Publication (s)

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

#### Dr. Bibhuti Bhushan Malik

- "Dr. Ambedkar's Life-world of Justice: The Budhmaya Bharat", *Celebration of the 125th Birth Anniversary of Dr. Bhimrao Ramji Ambedkar*, Arun Gautam ( Convener) Mississauga Palace, 2360 Lucknow Drive, Mississauga, Ontario, Canada, June 4, 2016 (Page 16-17)

- "Democracy, Political Participation and Panchayat Raj: Issues and Challenges in Uttar Pradesh", *Indian Democracy: Dimensions, Dilemmas and Inclusive Justice*, Amarnath Paswan (ed.), Victorious Publisher, New Delhi, 2016, ISBN No-978-93-84224-39- 4 (Page No. 244- 254).
- "Dr. Ambedkar Auor Rajya Samajbad ki Abdharana" *Hasiyeka Samaj ebam Dr. Ambedkar*, Amarnath Paswan (ed.), Times Publications, New Delhi, 2015, ISBN No-978-93-83315-09- 3 (Page No. 1-9).

#### Prof. Manish Kumar Verma

- "**Globalization and Environment: Discourse, Policies and Practices**", edited book published from Rawat Publications, Jaipur, 2015.
- "**Gandhi and Modernity: An Inquest in the 21<sup>st</sup> 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
- "**Development Induced Displacement: Policy, Information, Awareness and Tribulations.**" Chapter published in "**Globalization and Environment: Discourse, Policies and Practices**", book by Manish K. Verma (ed.), Rawat Publications, Jaipur, 2015
- "**Introduction**", Chapter published in "**Globalization and Environment: Discourse, Policies and Practices**", book by Manish K. Verma (ed.) Rawat Publications, Jaipur, 2015

#### Dr. Birendra Narain Dubey

- "**Privatization of Education and Social Justice in India**", edited book published from Himadra Prakahana, 2016 Delhi

### b. Paper Published

#### Prof. Bibhuti Bhushan Malik

- "Poverty, Education and Empowerment of Dalits: A Sociological Exploration" in

Proceeding of IAC-TLEI 2016 in Budapest, Hungary 8-9, July 2016, Publisher: Czech Technical University in Prague, ISBN 978-80-906231-3-2, pp. 23-31

- "Economics of Poverty and Social Exclusion of Dalits in Eastern Uttar Pradesh, India" Proceedings of IAC-MEM in Bratislava, Slovakia 6-7 July 2016, Publisher: Czech Technical University in Prague, ISBN 978-80-906231-0-1, pp. 15-27
- "Sociology of Exclusion: Dalits in East Uttar Pradesh" *Social Change*, Sage Publication, Volume 46, Number 2, June 2016 (With Nirakar), {ISSN: 0049-0857} pp. 214-237
- "Nutrition and Socially Excluded Communities: Some Facts of Uttar Pradesh", *Indian Journal of Dalit and Tribal Studies*, Vol.3. Issue 1. Jan-June 2015 {ISSN: 2348-1757} (pp 1-15). 2015; (ISSN No. 2231-5063)

#### Dr. Birendra Narain Dubey

- Globalization and Tribes in India: An Analysis of Changing Contours Shodh Vimarsh, Vol. 15, Jan 2016 ISSN: 094-990X

#### Dr. Jaya Shrivastava

- Shrivastava, Jaya. "Paradigm Shift in Education: Challenges and Opportunities in Contemporary Times", *University News*, 54 (05), February 01-07, 2016, pp. 133-137 (co-author).

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

##### Prof. Bibhuti Bhushan Malik

- "Nutrition and Socially Excluded Communities: Some Facts of Uttar Pradesh", *Indian Journal of Dalit and Tribal Studies*, Vol.3. Issue 1. Jan-June 2015 {ISSN: 2348-1757} (pp 1-15).

#### 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*, Vol 8 (2), 2016, pp. 57-62

#### d. International Conference/ Journals/ Paper presentation

##### Prof. Manish Kumar Verma

- "Environmental Catastrophe, Human Rights and Governance: A Sociological insight in the 'Sorrow of Bihar'". Published in International Journal Research Process, Aurangabad, Maharashtra, Vol 3, No. 2, July-December 2015 (ISSN-2321-211X)
- "Development Dilemma: The Paradoxes of Scientific Advancement and Ingrained Social Accountability", published in International Journal, "Social Science and Development Policy", Lucknow, Vol. 1, No. 1, Jan-June, 2015 (ISSN: 2454-5732)
- "Social Exclusion and Health Predicaments: A Study of Bundelkhand". Published in International Multidisciplinary Journal Golden Research Thoughts, Solapur, Maharashtra, Vol 4, Issue 12, 12 June

#### Dr. Birendra Narain Dubey

- Contextualizing Community Mobilization in Uttar Pradesh: An Analysis of Unnao District (*Accepted for Publication*) UPSTREAM Research International Journal, Volume V, Issue II, April-2016 ISSN:

#### Dr. Jaya Shrivastava

- Shrivastava, Jaya. "The Dialectic of Modernity and Patriarchy: Understanding the Plight of Dalit Women in India", *International journal of Social Science and Development Policy*, Vol. 1, No. 2, July-December 2015.
- Shrivastava, Jaya. "Dalit Women Quest for Justice: Cases from India and Bangladesh", *Asian Journal of Women Studies*, Routledge Publication, Vol. 21:2, 2015.
- Shrivastava, Jaya (2016). "Gender Disparity, Environmental Consciousness and Policy Making" at the International Seminar on "Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns" at BBAU, Lucknow, India, February 15-16, 2016.

- Shrivastava, Jaya (2015). "Globalization and Feminization of Poverty" at International Conference on "Post-Globalization Growth and Redistribution in Asia", organized by Dept. Of Economics, BBAU & ASEDS, Dec. 16-17, 2015.

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

##### Prof. Manish Kumar Verma

- Presented a paper on the topic, "Development, Displacement and Intolerance" in a National Seminar on the topic, "Social Exclusion and Intolerance in India: Challenges and Possibilities" held at Department of Sociology, West Bengal State University, Kolkatta on March' 30-31, 2016.
- Presented a paper on the topic, "Issues of Inclusive Growth/Development and MNREGA: A Critical Appraisal" in a National Seminar on the topic, "MNREGA: Interrogating the Development Perspective in India" organized by the Department of Sociology, Banaras Hindu University, Varanasi on 10-11 August, 2015.

##### Dr. Birendra Narain Dubey

- Constitutional and Legal Provisions for Women VS. Social Reality: A Sociological Probe into "Shadow Society" Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects Committee for Basic Facilities for Women, BBAU, March 8-9, 2016
- Dr. Ambedkar, Revolutionary Democracy and Social Transformation in India: A Sociological Analysis of "Shadow Society". Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Centaury Celebrating the 125<sup>th</sup> Birth Anniversary of Dr. B. R. Ambedkar, BBAU, Lucknow.
- Education and Social Inclusion in India Ambedkar's Vision on Inclusive Society Ambedkar's Vision on Inclusive Society Centre for the Study of the Social Exclusion and Inclusive Policy, BBAU, February, 19, 2016.
- Understanding Environmental Issues

through Neo-Marxist Paradigm: Some Reflections from Contemporary India Globalization, Environment and Social Justice: Perspectives, Issues and Concerns Department of Sociology, BBAU, Lucknow, February 15-16, 2016

- Privatization of School Education and Equity among Children in Underdeveloped States in India Privatization of School Education and Equity among Children in Underdeveloped States in India Department of Political Science, BBAU, Lucknow, February 12-13, 2016
- Institutions and Structural Constraints in Agrarian Society Two Decades of 73<sup>rd</sup> Constitutional Amendment Act (Panchayati Raj): Experiences, Issues, Challenges and Opportunities Centre for Human Rights, Dr. RMLNL University, Lucknow February 5-6, 2016
- Sociological Impact of Eco-tourism in India Development, Marginalization and People's Movement Indian Sociological Society and KIIT, Bhubneshwar, Odisha, December, 27-29, 2015
- Privatization of Higher Education in India: accentuating Social Justice through Access, Equity and Quality Development, Marginalization and People's Movement Indian Sociological Society and KIIT, Bhubneshwar, Odisha, December, 27-29, 2015
- Contesting Neo-liberal Growth in the Context of Tribal People of India: A Sociological Perspective Post-Globalization Growth and Redistribution in Asia Babasaheb Bhimrao Ambedkar University and ASEDS, Lucknow, December 16-17, 2015
- Govt School System and Privatization Within: Some Reflections from Unnao District (UP) Privatization of Education and Social Justice in India Department of Sociology, BBAU, Lucknow, November 16-17, 2015
- Government VS Private Edu System: Accentuating Social Justice in the Educational Domain Babsaheb Bhimrao Ambedkar and Social Justice Department of Law, School for Legal Studies, BBAU, Lucknow, September 22, 2015.

### Dr. Jaya Shrivastava

- Shrivastava, Jaya (2016). "Dr. Ambedkar's Vision on Enhancing Social Inclusion of Women in Indian Society" at the National Seminar on "Ambedkar's Vision on Inclusive Policy" at CSSEIP, BBAU, Feb. 19, 2016.
- Shrivastava, Jaya (2015). "Issues of Gender Equity in Higher Education in the Post-Liberalization Period in India" in the National Seminar on "Privatization of Education and Social Justice in India", organized by Dept. of Sociology, BBAU, November 16-17, 2015.
- Shrivastava, Jaya (2015) "Understanding Status of Women in Post Colonial India: Ambedkarist Perspective" presented at National Seminar on "Role of Libraries to Educate Downtrodden Society in the Present Day Scenario" organized by Dept. of Library and Information Science, BBAU, Lucknow on August 09, 2015.
- Shrivastava, Jaya (2016). "Gender Disparity, Environmental Consciousness and Policy Making" at the International Seminar on "Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns" at BBAU, Lucknow, India, February 15-16, 2016.
- Shrivastava, Jaya (2015). "Globalization and Feminization of Poverty" at International Conference on "Post-Globalization Growth and Redistribution in Asia", organized by Dept. Of Economics, BBAU & ASEDS, Dec. 16-17, 2015.

### Dr. Brajesh Kumar

- "Privatisation, Social Environment and Quality of Primary Education in India", International Seminar on "Globalisation, Environment and Social Justice: Perspectives, Issues and Concerns", Organised by Department of Sociology, B. B. Ambedkar University, Lucknow, February 15-16, 2016
- "Privatisation, Social Origin and Academic Performance among Primary School Children in India", National Seminar on "Politics of Development in India", Organised by Department of Political Science, B. B. Ambedkar University, Lucknow, February 12-13, 2016

- "Social Determinants of Inequality in Academic Performance among Primary School Children in India", National Seminar on "Ambedkar's Vision on Inclusive Society", Organised by Centre for Study of Social Exclusion and Inclusive Policy, B. B. Ambedkar University, Lucknow, February 19, 2016.
- Does Privatisation Improve Accessibility and Quality of Primary Education in India", National Seminar on "Privatization of Education and Social Justice in India", Organised by Department of Sociology, B. B. Ambedkar University, Lucknow, November 16-17, 2015

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

#### Prof. Kameshwar Choudhary

- Delivered Valedictory Address at National Seminar on "Youth, Ethics and Politics in Profession", organised by Department of Sociology, Lucknow University, Lucknow, 23-24 September 2015.
- Delivered a lecture at the Plenary Session - 2 on "Issues of Environment: From Global to Local", at the National Seminar on Social Ecology & Environmental Movements in India, organised by Department of Sociology, Lucknow University, Lucknow, 13-14 October 2015.
- Delivered lecture as Resource Person on "Mixed Research Methods in social science" at ICSSR-sponsored Orientation Programme in Social Science, organized by Giri Institute of Development Studies, Lucknow, 25 Feb. 2016.
- Delivered Keynote address in the inaugural session of National Seminar on "Dr Ambedkar's Vision and Status of Dalits, Tribes and Women in Higher Education", organized by Department of Anthropology and Geology, University of Lucknow, Lucknow, 4-5 March 2016.
- Chaired a session on " Right to Education and Privatisation of Education: Some Experiences from the Field", at National Seminar on Privatisation of Education and Social Justice in India, organized by Department of Sociology, B. B. Ambedkar

(Central) University, Lucknow, Nov. 16-17, 2015.

**Prof. Bibhuti Bhushan Malik**

- Chaired a session and delivered lecture on *Politics of Development in Odisha* at a National Seminar on 'Politics of Development' organized by Deptt. of Political Science, BBAU, Lucknow 12-13 February 2016.
- Delivered a Lecture on *Ambedkar's Perspectives on Democracy* as a Panelist at a National Seminar on 'Democracy and State of the Nation' organized by Centre for Study of Social Exclusion and Inclusive Policy, Banaras Hindu University, Varanasi, 11-12 February 2016.
- Delivered a Lecture on *73<sup>rd</sup> Amendment Act and the Empowerment of the Marginalized* as Panelist at a National Seminar on Two Decade of 73<sup>rd</sup> Constitutional Amendment Act: Experiences, Issues, Challenges and Opportunities with reference to Uttar Pradesh, Organised by Centre for Human Rights, Dr. Ram Manohar Lohiya National Law University, Lucknow, on 5-6<sup>th</sup> February 2016.
- Delivered a Special Lecture on *Action Sociology*, at Devgiri P.G. College, Aurangabad, Maharashtra on 22 January 2016.
- Chaired a session and delivered lecture on *Ambedkar's Trinity and Buddhism* at a National Seminar on "Dr. Babasaheb Ambedkar's Contribution to the field of Pali and Buddhist Studies", organized by Department of Pali, Savitribai Phule Pune University, Pune,
- Delivered Lectures on *Concept of Research and Report Writing* in two sessions as Resource Person at 'Research Methodology in Social Sciences' (for seven days) organized by Dr.B.R.Ambedkar University of Social Sciences, Mhow 31<sup>st</sup> March 2016.
- Delivered a lecture as a Panelist on *Sociology of Nutrition* at a State Convention on 'Nutrition' held at CET, Lucknow Organised by National Confederation of Dalit Organisation (NACDOR), New Delhi in partnership with Global Alliance for Improved Nutrition (GAIN) on 24 November 2015.

- Chaired a session and delivered a lecture on *Education and Multiple Privatization* at a National Seminar on "Privatization of Education and Social Justice" Organised by Department of Sociology, BBAU, Lucknow on 11-12 November 2015.
- Chaired a session and delivered a lecture on *Indian Constitution and Marginalised Communities* at a National Seminar on "Babasaheb Bhimrao Ambedkar and Social Justice" Organised by Department of Law, BBAU, Lucknow on 22 September 2015.
- Delivered Lecture on *What is Research* in two sessions as Resource Person at Ten Days Research Methodology Capacity Building Programme for Faculty Members, organized by Deptt. of Sociology, BHU, Varanasi on 2 August 2015
- Delivered Lecture on *Concept of Research in Social Sciences* in two sessions as Resource Person in Pre Ph.D. course work at Dept. of Education, C.S.M University, Kanpur on 28-29<sup>th</sup> May 2015

**Prof. Manish Kumar Verma**

- **Chaired** a session on, "**Social Exclusion, Marginality and the Challenges of empowerment**" in the National seminar on, "**Social Exclusion and Intolerance in India: Challenges and Possibilities**" held at Department of Sociology, West Bengal State University, Kolkatta on March' 30-31, 2016.
- **Chaired** a session on, "**Information as a tool for Empowerment**" in the National seminar on, "**Information Security Challenges**" held at Department of Information Technology, Babasaheb Bhimrao ambedkar University, Lucknow on Feb' 24<sup>th</sup> 2016.
- Delivered **Key Note Address** as Resource Person on the topic, "**The Path of Development in Independent India: Challenges and Possibilities**" in the National seminar on, "**Role of Agriculture in the Development of rural India: Its Challenges and Possibilities in 21<sup>st</sup> Century** " held at Department of Economics, Government Degree College, Pihani, Hardoi on Feb' 19-20, 2016.
- As Organizing Secretary, delivered lecture on, "**Introduction and Discussion about**

the theme of the Seminar" in the International Seminar on, "Globalization, Environment and Social Justice: Perspectives, Issues and Concerns" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on Feb' 15-16, 2016.

- **Chaired** a session on, "Growth and Redistribution in post Globalized India: Social and Economic Implications" in the National seminar on, "Post-Globalization Growth and Redistribution in Asia" Organized by Babasaheb Bhimrao Ambedkar University and Association of the Socio-economic Development Studies (ASEDS), Lucknow on Dec' 16-17, 2015.
- **Chaired** a session on, "Social and Political Processes of Dalit Empowerment" in the National seminar on, "Dalits in India: Debating Subalternity and Exclusion" held at Department of Sociology, Banaras Hindu University, Varanasi on Nov' 28-29, 2015.
- **Chaired** a session on, "Resettlement and the Role of Stakeholders in Ecological and Environmental Protection" in the National seminar on, "Social Ecology & Environmental Movements in India" held at Department of Sociology, University of Lucknow, Lucknow on Oct' 13-14, 2015.
- Delivered a Lecture as **Resource Person** on the topic, "Types of research", in a Research Methodology Course, organized by the **Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow** in collaboration with **Association of Socio-Economic Development Studies, Lucknow** on July' 8-17, 2015.

#### Dr. Birendra Narain Dubey

- Tech. Session III Economic Perception & the Material World, Social Consciousness and Change Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century. Celebrating the 125<sup>th</sup> Birth Anniversary of Dr. B. R. Ambedkar, BBAU, Lucknow
- Technical Session II Practice of Ambedkar Ambedkar's Vision on Inclusive Society Centre for the Study of the Social Exclusion and Inclusive Policy, BBAU, Feb 19, 2016
- Technical Session VII. Globalization,

Environmental Degradation and its Impact on SCs, STs and Women Globalization, Environment and Social Justice: Perspectives, Issues and Concerns Department of Sociology, BBAU, Lucknow, February 15-16, 2016

- Panel Discussion on Globalization, Marginalization and Challenges of Social Inclusion Globalization, Environment and Social Justice: Perspectives, Issues and Concerns Department of Sociology, BBAU, Lucknow, February 15-16, 2016.
- Technical Session III. Political Economy of Displacement and Marginalization in India Politics of Development in India Department of Political Science, BBAU, Lucknow, February 12-13, 2016
- Technical Session II Two Decades of 73<sup>rd</sup> Constitutional Amendment Act (PRI): Experiences, Issues, Challenges Centre for Human Rights, Dr. RMLNL University, Lucknow, February 5-6, 2016.
- Doordarshan Lucknow Mahila Shiksha evam Samajik Nyay: Dr. Bhimrao Ambedkar Ki Nazar me. Doordarshan Lucknow, October 20, 2015
- Technical Session VI Globalization and Challenges of Privatization of Edu. Privatization and Social Justice in India Department of Sociology, BBAU, Lucknow, November 16-17, 2015
- ICSSR sponsored Research Methodology Course Lecture- I Research Design Computer Application in Social Sciences Department of Economics, BBAU, Lucknow, and July 8-17, 2015

#### Dr. Jaya Shrivastava

- Delivered a lecture 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 on Feb. 25<sup>th</sup>, 2016.
- **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.

**Dr. Brajesh Kumar**

- Delivered a lecture on SPSS in Research Methodology Course on “Computer Application in Social Science” Organised by B. B. Ambedkar University and ASEDS, Lucknow, July 8-17, 2015 Co-chaired a session in National Seminar on “Privatisation of Education and Social Justice” Organised by Department of Sociology, B. B. Ambedkar University, Lucknow, November 16-17, 2016

**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**

- Indian Sociological Society (ISS)
- Indian Social Science Association (ISSA)
- Indian Academy of Social Sciences

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

- International Sociological Association
- Indian Sociological Association
- Comparative Education Society of India
- Indian Teachers' Association
- Member, Advisory Board of Journal-Nagrik, Uttar Pradesh.

**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, Research Post Journal, Jaipur.

**Dr. Brajesh Kumar**

- Member, Indian Sociological Society (ISS)
- 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 THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE STUDIES (CSSEIP)

The Center for the Study of Social Exclusion and Inclusive Policy (CSSEIP) visualized to build 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 is to 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. Department Level Academic Activities- Annexure-1
- B. Course offered/New Courses- MA (Development Studies)
- C. Visitors to the Department (if Any)- NA
- D. Accomplishments of Students- NA
- E. Faculty wise Supervision of the Ph.D and M.Phil Students- NA
- F. Co-curricular/ Extra- curricular / Conferences events organized by the Department.- NA

### 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.
5	Dr. Jogendra Kumar	Research Associate	M.A.(History, Pol. Science, Postmaster Dipl. in Adult, Contiuing. Edn. & Extension, LL.B., Ph.D. (Adult & Cont.Edn.)	Human Rights Education, Adult, Cont. Education & Extension Education, Labour Law, Industrial Law, International relations, Public Administration, Indian Administration
6	Dr. Md. Reyaz Ahmad	Research Associate	M.A.(Public Administration.), Ph.D.	Public Policy and Governance, Exclusion of Muslims Minority.

## Organization of Seminar/Workshop

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

## Action Plan

- Action Plan on **Awareness Programme** about **Constitution** on November 26, 2015 to celebrate the **Constitution Day** on behalf of the Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP), School for Ambedkar studies, in collaboration with Community Legal Literacy, Consultancy And Mediation Cell (*Samudayik Vidhik Saksharta Evam Paramarsh Madhyasthita Prakoshtha*), Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow by visiting schools namely Best Children Life Academy School, Aurangabad Jagir Prathmik Vidyalaya, Purva Madhyamik Vidyalaya, Bijnor Road, and Prathmik Vidyalaya, Mirzapur in the adjoining areas of the University.

## Academic Details/activities of the faculty of department

### Dr. Prasamita Mohanty

- **Current Designation:** Reader cum Deputy Director, CSSEIP
- **Pay band & Academic Grade pay:** (37,400-67,000/-) - Rs.8000/- grade pay
- **Address for correspondence: (with Pin code):** CSSEIP, SAS, BBAU, LUCKNOW-25
- **Telephone No:** 9005050810
- **Email:** prasamita1970@gmail.com

### 1. Member of Board/Committee (Outside BBAU)

Editorial Board, American Research Thought, International Multi disciplinary Research Journal

### 2. Details of the Projects sanctioned/ Executed (during 01.04.2015 to 31.03.2016)

- **Status and Problems of Primary Education of Muslims Minority Girls and**

**Policy Implication - A Study in Selected District of UP, UGC Sponsored, sanctioned 2013 and continuing (yet to submit report).**

### 3. Research Publication(s)

#### a. Book(s)/ Authored (if Any)

- **Education of Rural Girls in India, Reference Book, Authored, Kogaion Publishing Centre, International Publisher, 2016.**
- **Elementary Statistics in Education- Application in Quantitative Research, Text Book, Vol.I, Authored, Harshwardhan Publication Pvt.Ltd, 2016.**

#### Book Chapter(s)

- **Overcoming Exclusion: Why Inclusive and Cohesive Strategies Matter Most, Book chapter in Edited book Social Exclusion and Inclusion: A Journey from past to present, Jaya Publisher, New Delhi, 2016**

#### b. Paper Published

- **Article on 'Academic Achievement of Muslim Girls at Primary stage : Status Study'** European Academic Research: An International Journal, Vol. IV, Issue 6, Sept. 2016.
- **Article on "Futuristic and Inclusive Education: Need of the Country",** International Journal of Innovative Social Science and Humanities Research, vol. 4, Issue-3, 2016.
- **Article entitled "Scholastic Achievement of Socially Excluded Groups: A Comparative Study",** Scholarly Research Journal for Interdisciplinary Studies, An International Peer Reviewed Journal, vol.5/25, Sept-Oct Issue, 2016.
- **Article titled "Academic Achievement in Mathematics of First and Other Generation Learners Across Primary Grades - A Comparative Study,"** Journal of All India Association for Educational Research, vol. 28, no.2, 2016

#### c. International Conference/Journal/Paper presentation (if Any)-YES

Paper submitted for presentation in the ANNUAL CUM INTERNATIONAL CONFERENCE ON EDUCATION FOR SUSTAINABLE DEVELOPMENT ON 24-

26 November 2016 AT SOHAN LAL DAV COLLEGE OF EDUCATION (POST GRADUATE INSTITUTION), AMBALA, HARYANA.

#### 4. Invited Speaker/Session Chaired in National/International Conference Details

- Invitation for Session Chair on ANNUAL CUM INTERNATIONAL CONFERENCE ON EDUCATION FOR SUSTAINABLE DEVELOPMENT ON 24-26 November 2016.

#### 5. Membership/Fellowship of Professional Academic Bodies(if Any)-YES

- All India Association of Educational Research, Bhubaneswar, Orissa;
- Indian Association of Teacher Education, New Delhi;
- Association for Socio- Economic Development Studies, Lucknow
- Indian Adult Education Association, New Delhi
- Global Educational Research Association, Jalandhar, Punjab

#### Mr. Bibekanand Nayak

(Asstt Professor cum Asst. Director)

#### Publications:

#### Chapters In Book

- The paper entitled “*Technology and Health: a Discussion on Telemedicine in India*” by Bibekananda Nayak & Doleswar Bhoi wrote in the edited. Book entitled “*Human Right In India: Problem and Prospects*” has published Mangalam Prakashan , Allahabad ,2015(ISBN978-81-909209-9-5).
- 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).

#### Articles

- The paper entitled “*Social Exclusion and Dalits in Contemporary India:Some Reflections*” ,*Indian Journal of Dalit and Tribal*

*Studies (IJDS)*,Volume-3, Issue-1, Jan-June 2015, Pages 30-52, ISSN : 2348-1757

- 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)
- 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

#### Dr. Sangeeta Krishna

(Asstt Professor cum Asst. Director)

#### Projects

1. **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. (Completion/Submission Stage)

#### Articles in Journals

1. Inclusive Innovation and Health in India: A Historical and Contemporary Perspective *International Journal of Social Science and Development Policy Vol. 1 No. 1 January-June 2015*, ISSN:2454-5732
2. Inclusive Innovation and Health in India: A Historical and Contemporary Perspective *International Journal of Social Science and Development Policy Vol. 1 No. 1 January-June 2015*, ISSN:2454-5732
3. Dalits as Subjects of History; Contesting Hegemonic Discourse Through Songs of Protest and Resistance, *International Journal of Innovative Social Science and Humanities Research Vol2, Issue 1, March 2015*, ISSN no 2349-1876, 73-80

#### Book

- Women Social Exclusion and Inclusion, Women Press, New Delhi 2015, ISBN No.81-89110-13-6

#### Chapters in Book

1. 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

2. Social Exclusion of Gender: A Normative Exercise in Indian Context in Social Exclusion and Inclusion: A Journey From Past to Present edited by R.C Sobti, R. B. Ram, Victor Babu and S . Krishna, Jaya Publishing House , New Delhi, ISBN No.978-93-8610-22-0
3. 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 . Krishna, Jaya Publishing House , New Delhi, ISBN No. 978-93-8610-22-0
4. Women Culture and History : Folklore As Voice of Consensus or Contestation: Accepted for Publication
5. Context And Process of Education for preparing a volume for NCTE to be prepared by the University.

#### Review of Articles

1. Article on **Religion, Conversion And Dalits Developing An Ambedkarite Perspective** by Dr. Samir Kumar Mohapatra Department of Sociology Ahmednagar College Ahmednagar, Maharashtra for *International Journal of Social Science and Development Policy*", Vol. 1, No.2, July-December 2015. ISSN:2454-5732
2. Article on **Impact Of Globalization In Art by Ms. Gauri Mehta, Research Scholar, Dept. of History of Art, Banaras Hindu University, Varanasi** for *International Journal of Social Science and Development Policy*, Vol. 2, No.1, Jan-June 2016 issue ISSN:2454-5732

#### Seminar Organised

As Organising Secretary organized National Seminar on Ambedkar's Vision on Inclusive Society, on February 19, 2016

#### Paper Presentation in Seminar/Workshop/Conference

1. Ambedkar's Ideas on Women's Empowerment and its Relevance in Contemporary Feminist Discourse on National Symposium on The Contribution of Babasaheb Ambedkar in Modern India organized by Babasaheb Bhimrao

Ambedkar University, Lucknow on April 13-14, 2016

2. 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
3. Engaging Ambedkar on Inclusive discourse : Countering Exclusion Towards Reconstruction in National Seminar on Ambedkar's Vision on Inclusive Society organised by CSSEIP, on February 19, 2016
4. 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
5. Exclusion of Women in the Urban Informal Economy: The Politics of Inclusive Development on National seminar on Politics of Development organized by Department of Political Science on March 12-13, 2016.
6. 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)
7. Women and Health Impacts of Globalisation in International seminar on Post -Globalization Growth And Redistribution in Asia on December 16-17, December 2015, organized by Department of Babasaheb Bhimrao Ambedkar University & Association of the Socio-economic Development Studies, Lucknow
8. Ambedkar's Analysis of Untouchability: From Emancipation to Social Justice in National seminar on "Babasaheb Bhimrao Ambedkar and Social Justice" on 22nd September 2015 organized by Department of Law, School for Legal Studies Babasaheb Bhimrao Ambedkar University, Lucknow.

## RESEARCH FACULTY

### Dr. Jogender Kumar

(Research Associate)

#### Publication

SL. No.	Publication type	Year	Title	Publisher	ISBN/ISSN
	Research Paper	2016	Utter Pradesh Mein 'Sakshar Bharat' Karyakarm Mein Vyadhan Uttarpann Kark	I odha MImAOsA, An Internation Referred Research Journal, Kusum Jankalyan Samiti Deoria, U.P.	ISSN 2348-4624
	Research Paper	2016	Utter Aadhunikta Ke Aaine Mein Dalit Samaj Ka Samajik Chintan	TRIPATHAGA, An Internation Referred Research Journal, Varanasi	ISSN 2395-4280

#### Lecture Delivered

- Delivered a Lecture as expert in International Literacy Day program sponsored by Lok Shiksha Samiti Fatehpur on dated 07/09/2015.
- On Going Literacy Ptogramme (Adult Education)
- विश्वविद्यालय परिसर में सफाई कार्य से जुड़े निरक्षरों को साक्षर करने के लिए प्रौढ शिक्षा केन्द्र चलाना।

### Dr. Md. Reyaz Ahmad

#### I. Referred Journal (Open Access International E-Journal) with Impact factor

3. Necessity of Administrative Reforms in India: Good Governance Perspective, *International Journal of Multidisciplinary Approach and Studies*, ISSN NO: 2348 - 537X, Volume: 2, No: 5, September - October 2015, Pp.218-229.
4. Generalists vs. Specialists in Indian Administration: Need for Administrative Reforms, *International Journal of Multidisciplinary Approach and Studies*, ISSN NO: 2348 - 537X, Volume: 2, No: 3, May - June 2015, Pp. 198-209.
6. Good Governance and Its Working in India: An Evaluation, *International journal of Arts, Humanities and Management Studies*, ISSN NO. 2395-0692, Volume: 2, No: 8, Aug 2016, Pp. 75-86.

#### International Refereed Research Journal (without Impact factor)

#### National Refereed Journal of repute

1. Public Administration in the Era of

Globalisation : From Government to Governance, and From Managerialism to Public Service Management, *POLITICS; A UPJP Journal of Social Sciences*, ISSN: 0975-8775, Vol.VIII, No. 10& 11, July-December 2015 and January- June 2016, Pp.1-16.

#### Chapters in Edited Volumes/Books:

1. **Exclusion of Muslims Minority in India; Issues and Challenges for Inclusiveness (2016)** 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)

#### IV. Papers Presented in Seminars/ Conferences/ Symposiums:

#### International Seminars/ Conferences/ Symposiums/Workshop:

1. **Impact of Ambedkar's ideology on Muslim Society in India: An Appraisal with Special reference to Pasmada Muslims** Presented a Paper in the International Seminar on 'Dr. Ambedkar's Global Vision: The Emerging knowledge Society in 21<sup>st</sup> century' organised by the School for Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, dated on 07-9 March 2016.

#### National Seminar/ Conferences Symposiums

1. **'Education of Muslim Minority in India; Issues and Challenges for Inclusiveness'** Presented a Paper in the National Seminar on Privatisation of Education and Social Justice in India organised by the Department of Sociology, Babasaheb

Bhimrao Ambedkar University, Lucknow dated November 16-17, 2015.

2. **AMBEDKAR'S VISION OF INCLUSIVENESS: ASSESSING THE IMPACT ON MUSLIM MINORITY IN INDIA** Presented a Paper in the National Seminar on Ambedkar's Vision on Inclusive Society organised by the CSSEIP, Babasaheb Bhimrao Ambedkar University, Lucknow dated 19 February 2016.
3. **'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.
4. Participated as Subject Expert in the Workshop **'Policy, Rule and Regulation of official language of Union and UNICODE; its uses & types of Correspondence'** organized by Hindi Cell, BBAU, Lucknow, dated 25 June 2015.

#### V. **Invited/ Special Lecture Delivered**

1. Deliver a Special Lecture on the topic **"Relevance of Rahul Sanskritayan's Literature in 21th Century"** dated 08 April

2015 in the Department of Hindi, BBAU.

#### **Seminars/Conferences/Lectures/Workshops Organised**

2. Member of Organizing Committee of a National Symposium to mark the 140<sup>th</sup> birth anniversary of Sardar Patel on **"Sardar Patel and Reinventing Higher Civil Services: Necessities of Administrative Reforms in India"** organized by Babasaheb Bhimrao Ambedkar University, Lucknow, on 31 October 2015.
3. Member of Organizing Committee of an **International Seminar** on **"Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century"** organized by School for Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, on 07-09 March 2016.

#### **Contributions at University Level**

Founder Co-coordinator Department of Public Administration

Member of M.A. Public Administration Syllabus Formulation Committee

Member of B.A. (Hons.) Public Administration Syllabus Formulation Committee

## PROGRAM OF PUBLIC ADMINISTRATION UNDER DEPARTMENT OF PUBLIC ADMINISTRATION

The Program of Public Administration in the University is a new Department established in year of 2015. The department is dedicated to promote teaching and research in the emerging fields of public administration specially public policy and governance, comparative public administration, personnel administration, civil services reforms, development administration and development debate, financial administration, urban and rural governance, global governance issues, e-governance, exclusion and inclusive policy and human rights while maintaining the scholarship in some of the conventional fields like theory and philosophy of governance etc. The department has four teachers and around one hundred students. Since its inception, the department has been concentrating on maintaining global standards in its teaching as well as co-curriculum activities. So far, it has organized around two national symposiums which were very well received in academia and in media. Its teachers and students are deeply interested in understating the administrative and social problems around them. The department is committed to give new directions to the teaching methods and research areas in the discipline.

The Department offers unique opportunities in the discipline as it is the only department of Public Administration, which offers undergraduate courses in the school for ambedkar studies.

Presently, the department is offering B.A. (Hons.) Public Administration and M.A. Public Administration program.

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

### Objectives of the Department

- To promote quality teaching with regular up-gradation of course structure, syllabus and course materials for the students.
- To promote comprehensive understanding of the subject by teaching both conventional and new areas of relevance in the domain of administrative theory and practices, Indian administration, civil services

reforms, public policy and global governance.

- To promote comprehensive and interdisciplinary knowledge in both teaching and research by emphasizing inter-linking between various administrative-governance issues and challenges.
- To make teaching in public administration theoretically rich and empirically grounded.
- To motivate and inform students about the opportunities and future prospects in the field.
- To develop the overall personality of students and prepare them to compete and success in their endeavors.
- To provide a progressive, healthy and vibrant environment to its students as well as teachers for the purpose of developing a department known for its academic and intellectual pursuit.
- To inculcate the values of tolerance, progressiveness and fraternity that contributes towards the making of a healthy and prosperous society.

### Department Level Academic Activities:

#### Symposium organized by the Department

- National Symposium on "Dr. B.R. Ambedkar, The Making of the Indian Constitution and its Contemporary Relevance" on 26 November, 2015, Organizing Secretary: Prof. Ripu Sudan Singh, Coordinator Public Administration.
- International Seminar on "Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century" from 7-9, March, 2016, Organizing Secretary: Prof. Ripu Sudan Singh, Coordinator Public Administration.
- Invited lectures by Prof. S. M. Mustafa, Former Head, Department of Management and Commerce, JamiaMiliaIslamia, New Delhi.

- National symposium organized by the department to celebrate the Good Governance Day on the birth anniversary of AtalBihari Vajpayee at dated 25<sup>th</sup> December, 2015.
- National symposium organized by the department to celebrate the National Unity Day on the birth anniversary of SardarVallabh Bhai Patel at dated 31 October, 2015.

### Course offered:

- B.A. (Hons.) Public Administration
- M.A. in Public Administration

### Proposed Courses:

- M. Phil. Public Administration
- Ph. D. in Public Administration
- Certificate course in NGO Management
- Certificate course in Urban Governance
- Certificate course in Hospital Management

### Accomplishments of Student:

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

- One student of the department had participated in NCC regional tournament, Agra for basketball.
- One student of the department had participated in Inter –university badminton tournament, organized by BBD University, Lucknow.

### Future Plans of the Department:

- Introducing more courses in both M.A and Ph.D. Programmes that are socially relevant. Some of these courses to be introduced in future are: M. Phil. Public Administration, Ph. D. in Public Administration, Certificate course in NGO Management, Certificate course in Urban Governance, Certificate course in Hospital Management
- International collaboration with prestigious institutions
- Inviting faculty from India and abroad as visiting professors
- Faculty exchange programme
- To start a research journal in the department
- To start a departmental library

### Faculty details:-

S. No.	Name	Designation	Qualification	Area of Specialization
1.	<b>Prof. Ripu Sudan Singh</b>	Professor and Coordinator	M.A, M.Phil, PhD	International Relations, Ethnicity and Politics of West Asia and North Africa, Peace and Conflict Studies, Subaltern Politics in Contemporary India, UP Politics
2.	<b>Dr. Md. Reyaz Ahmad</b>	Co-Coordinator and Assistant Professor (Contract)	M.A, Ph.D.	Administrative Theory, Personnel Administration, Inclusive Policy and Governance and Social Exclusion of Muslims Minority.
3.	<b>Dr. Pradeep Kumar Singh</b>	Assistant Professor (Contract)	M.A, Ph.D., PDF	Development Administration, Public Policy, Financial Administration and E-governance
4.	<b>Dr. Ahmed Raza</b>	Assistant Professor (Contract)	M.A, M.Phil., PhD	Comparative Public Administration, Public Policy, and Participatory-Governance
5.	<b>Dr. Shefalica Singh</b>	Assistant Professor (Contract)		Political Theory, Local Government and Organisational Behaviour

## Academic Activities of the Faculty:

### Prof. Ripu Sudan Singh

Professor & Head

Coordinator of the Public Administration Program

### Publications

- *"Discourse on People's Health System, "Kahaar, (A carries for Knowledge of Sustainable Development), ISSN 2394-3912, Vol. 2 April-September 2015, Lucknow*
- Edited Book based on the articles in the International Seminar entitled *Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21st Century*, ISBN:978-81-931392-8-8. Pub. 2016, MRI Publication, Lucknow/Delhi.

### Presentation of papers in Seminar/Conference/Workshop

- Delivered lecture in the inaugural session of the National Seminar organized by the Department of Political Science, Mahatma Gandhi KashiVidhayapeeth, Varansi on *DR. BHIMRAO AMBEDKAR AND CONTEMPORARY INDIA* sponsored by ICSSR, New Delhi held on 27-28 February 2016
- Presented paper on *Dr. Ambedkar's Vision of Dhamma: A Global Perspective* in a three day International Seminar organized by BBAU, Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21st Century, (March 7-9, 2016)
- Presented paper on the topic *STATE-NATION DILEMMA AND KURSIH ISSUE: PROBLEM OF GOVERNANCE IN WEST ASIA* under individual paper panel on 6 July 16 in the Riverbank Room 2 at 13.30 to 15.00 hour in the 9<sup>TH</sup> INTERNATIONAL CONVENTION OF ASIA SCHOLARS (ICAS 9) *ADLELAIDE AUSTRALIA DURING 5<sup>TH</sup> TO 9<sup>TH</sup> JULY 2015*
- Invited as a speaker in the *workshop on Writing Research paper* on 30, Nov., 2015 organised by Department of Business Economics, Faculty of Management Studies, VBS Purvanchal University, Jaunpur (UP), India in collaboration with SAGE India Pvt.Ltd.. to deliver lecture on the recent development and modes of writing research paper/project.

- Invited as a Resource Person in the 19 Convention of U.P. Political Science Association and National Seminar sponsored by ICSSR, New Delhi held from 4 to 6 December 2015 on the topic *RISING INDIA: DOMESTIC AND EXTERNAL OPPORTUNITIES AND CHALLENGES* organized by the Department of Political Science, Agra College, Agra.

### Project

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

### Special lectures

- Invited to deliver extension lecture on *"Secularism and Indian Democracy in 21<sup>st</sup> Century"* organized by Khwaja MC UAF University, Lucknow held on 26 March, 2015

### Subject Experts:

- Invited as a Subject expert in the CAS selection in Political Science, in BahadurShastriRashtriya Sanskrit Vidya-peetha, New Delhi
- Subject Expert in the Lower PCS Interview held at U.P. PCS, Allahabad from 14 to 16 December 2015
- External Member in DRC in Bundelkhand University, Jhansi

### Dr. Md. Reyaz Ahmad,

Assistant Professor (Contract)

### Publications

1. *Re-conceptualisation of Accountability: From Government to Governance*  
International Journal of Multidisciplinary Approach and Studies, ISSN NO: 2348 - 537X, Volume: 3, No: 5, Sep - Oct 2016, Pp.1-11.
2. *Reinventing Higher Civil Services: Necessities of Administrative Reforms in India*  
International Journal of Multidisciplinary Approach and Studies, ISSN NO: 2348 - 537X, Volume: 3, No: 4, July - August 2016, Pp.119-131,

3. *Necessity of Administrative Reforms in India: Good Governance Perspective*, International Journal of Multidisciplinary Approach and Studies, ISSN NO: 2348 - 537X, Volume: 2, No: 5, September - October 2015, Pp.218-229.
4. *Generalists vs. Specialists in Indian Administration: Need for Administrative Reforms*, International Journal of Multidisciplinary Approach and Studies, ISSN NO: 2348 - 537X, Volume: 2, No: 3, May - June 2015, Pp. 198-209.
5. *Supplementary Role of Civil Society in Governance: An Analysis*, International journal of Arts, Humanities and Management Studies, ISSN NO. 2395-0692, Volume: 2, No: 6, June 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, Volume: 2, No: 8, Aug 2016, Pp. 75-86.
7. *Public Administration in the Era of Globalisation : From Government to Governance, and From Managerialism to Public Service Management*, POLITICS; A UPJP Journal of Social Sciences, ISSN: 0975-8775, Vol.VIII, No. 10& 11, July-December 2015 and January- June 2016, Pp.1-16.
2. **AMBEDKAR'S VISION OF INCLUSIVENESS: ASSESSING THE IMPACT ON MUSLIM MINORITY IN INDIA** Presented a Paper in the National Seminar on Ambedkar's Vision on Inclusive Society organised by the CSSEIP, Babasaheb Bhimrao Ambedkar University, Lucknow dated **19 February 2016**.
3. **'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.
4. **Impact of Ambedkar's ideology on Muslim Society in India: An Appraisal with Special reference to Pasmanda Muslims** Presented a Paper in the International Seminar on 'Dr. Ambedkar's Global Vision: The Emerging knowledge Society in 21<sup>st</sup> century' organised by the School for Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, dated on 07-9 March 2016.

#### Dr. Pradeep Kumar Singh

##### Publications:

1. Published a **book** entitled as *Samajik Sarokar Banam Gair-Sarkari Sangathan: Ek Vimarsh*, MRI Publishers (Private) Limited, New Delhi.
2. Published a research paper entitled as *A Survey of Indian Development Policy: Need for Governance*, Interdisciplinary Journal of Contemporary Research, University of Asam, Silchar, vol. 2, Year 2, 2015
3. Published a research paper entitled as *Baharat me Mahila Sashaktikaran: Sarkarivoam Gair-Sarkari Prayas*, Interdisciplinary Journal of Contemporary Research, University of Asam, Silchar, vol 3, Year 2, 2016.

##### Papers Presented in Seminars/ Conferences/ Symposiums:

1. Presented a paper entitled as 'Dr. Ambedkar's Vision of Governance', in an International Seminar on "Dr. Ambedkar's Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century" from 7-9, March, 2016,

##### Chapters in Edited Volumes/Books:

1. **Exclusion of Muslims Minority in India; Issues and Challenges for Inclusiveness (2016)** 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)

##### Papers Presented in Seminars/ Conferences/ Symposiums:

1. **'Education of Muslim Minority in India; Issues and Challenges for Inclusiveness'** Presented a Paper in the National Seminar on Privatisation of Education and Social Justice in India organised by the Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow dated November **16-17, 2015**.

2. Presented a paper entitled as 'Development debate and Governance in India', in a National Seminar on "Politics of Development in India" from 4-5, February, 2016,

### Dr Ahmed Raza

#### Publications:

1. Ahmed Raza, "Participatory Public Policy Making in Post Independent India: Windows of Opportunities or New Challenges?", in K M Baharul Islam and MohdAnasRaushan (ed.), Public Policy Agenda: Decrypting Sustainability for India (New Delhi: Bloomsbury India, 2016), pp. 18-31.
2. Impacts of Syrian Crisis on Turkey's Politics, **Journal of Indian Research (ISSN: 2320-7000)** Vol.3, No.4, October-December, 2015, 55-63

3. Impact of e-governance on democratic decentralization in India, **KILA Journal of Local Governance(ISSN : 2319-030X)**, Vol 2 (1) July 2015, 91-101
4. Ahmed Raza, "Turkey's Foreign Aid Programmes and its Foreign Policy Activism in Africa", in MujibAlam (ed.), Perspectives on Turkey's Multi Regional Role in the 21st Century (New Delhi: Knowledge World, 2015), pp. 297-312. ISBN: 9789383649556

### Dr. Shefalica Singh

#### Publication

1. Politics and Women's Empowerment in India: Nature Vs Nurture, Research Post, (ISSN: 2229-676X) Accepted for publication.

## DR. AMBEDKAR STUDIES CENTRE

### About the Centre

Dr. Ambedkar Studies Centre (ASC) has been established to acquaint the teachers and students. With the thought and ideas of Dr. B.R. Ambedkar and involve them in studies, research and field work based extension service programmes of constructive work.

### Objective of the Centre

1. Disseminating the ideas and thought of Dr. B. R. Ambedkar to students and faculties of the university.
2. Sensitizing people of nearby locality and areas about the relevance of Dr. Ambedkar's ideas for the betterment of people's lives.
3. The centre undertakes theoretical and action oriented research on relevant themes.

4. Identify and recognize the contribution of activist/writers those who make significant contribution for mobilization of people.

### Activities

#### Seminar organized

- Organized a National Seminar on "**Identity, Discrimination and Philosophy of Dr Ambedkar**", 8<sup>th</sup> -9<sup>th</sup> April, 2013 sponsored by Indian Council of Philosophical Research, New Delhi.

Director:-

Dr. B.B. Malik

Director, Ambedkar Studies Centre (ASC)

Email:-bbmalik57@gmail.com

## SCHOOL FOR BIOSCIENCES AND BIOTECHNOLOGY

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 self-employment, thereby contributing to the economic growth of the country. This is self-evidenced from the course structure of the departments.

The details of the departments under this school are as follows:

- Department of Applied Animal Sciences,
- Department of Applied Plant Sciences
- Department of Biotechnology
- Department of Brain and Cognition Science
- Department of Pharmaceutical Sciences

### DEPARTMENT OF APPLIED ANIMAL SCIENCES

The Department runs a Post Graduate degree in M.S.c. Applied Animal Science/ M.Sc. Zoology with special emphasizes on Sericulture, Fisheries and Parasitology. The intake capacity of M. Sc. Applied Animal Science is 46 per session. In India, Sericulture and Fisheries have been developed as agro based industries with a vast potential to contribute to the rural economy. Few decades back these areas were considered as a subsidiary occupation of poor farmers. Now these are no longer as subsidiary occupation as more and more farmers and powerful landlords are involving in silkworm rearing & fish culture. These areas generate employment as follows:

- (a) Direct employment through mulberry cultivation, silkworm rearing and cocoon production.
- (b) Indirect employment through reeling of cocoon, twisting, warping, dying and weaving.
- (c) Generation of employment and revenue through inland fish culture.

These areas of Science require minimum investment but in turn yield more. These industries are ideal for small and marginal farmers who are below poverty line. However, field of Parasitology has its own charm as the students who are perusing this specialization can flourish

their future in pathology industry.

In addition, the curriculum of M.Sc. Applied Animal Science/ M.Sc. Zoology consist general papers such as Biochemistry and Developmental Biology Animal Behavior, Biostatistics and Computer

Applications in Biology and Tools and Techniques in Biology which provide an ample of knowledge in the domain of Life Sciences. The Department also offers Ph.D. degree in the field of Parasitology, Sericulture, Fisheries, Animal Behavior and General Biology.

The Department conducts Separate lecture for M Sc and Ph D students to develop the oratorical skill of students. The Department has well equipped research laboratory as well as sericulture rearing and reeling unit.

The method employed for teaching included, the class room lectures, audio-visual teaching using LCD projector and Interactive Panel and group discussion. Field attachment and study tour to different sericulture industries as well as fisheries institutes are being carried out by the Department. National level study tour is being organized every year by the Department. In addition, students are encouraged to participate and contribute in National Seminars and other training programs.

## Faculty Profile

Sl. No.	Name	Designation	Qualification	Area of Specialization
1.	Dr. Kamal Jaiswal	Professor	Ph.D.	Sericulture/Parasitology
2.	Dr. V. Elangovan	Head	Ph.D.	Animal Behavior and Conservation Biology
3.	Dr.Venkatesh Kumar, R	Assistant Professor	Ph.D.	Sericulture
4.	Dr. Abha Mishra	Assistant Professor	Ph.D.	Fish Physiology and Toxicology.
5.	Dr. Suman Mishra	Assistant Professor	Ph.D.	Parasitology.
6.	Dr. Sandhya	Assistant Professor	Ph.D.	Analyses of fish tissues under the stress of coal mine effluent

## Future Plan

Presently the Department offers M.Sc. Applied Animal Science/Zoology and Ph. D Programs in field of Sericulture, Parasitology, Fisheries Animal Behaviour and General Biology. The Department is also planning to include the rearing of non-mulberry silkworms and a PG course on Seri biotechnology in near future. The Department in planning to start Grainage activities like testing, winding units and integrated sericulture practices.

## Other Academic Activities

### Conference organized by the department

ZSI-2015 and Lucknow Youth Science conference-2015

## 3. Supervision of Research Project:

S. No.	Title	Agency	Period	Grant / Amount Mobilized (Rs)
1	Chiropteran diversity and conservation in Uttar Pradesh	UP State Biodiversity Board	April 2013 to March 2015	562800
2	Roost selection, roosting behaviour and population dynamics of mouse - tailed bats (Rhinopomatidae) in Uttar Pradesh	University Grants Commission, New Delhi	April 2013 to March 2016	1300800
3	Ultrastructural and molecular characterization of guanophilic fungi of bats.	Science and Engineering Board, DST, New Delhi	6th Jan 2014 to 5th Jan 2016	1200000

## Faculty Details

Name	: Dr. V. Elangovan
Designation	: Associate Professor
Contact	
Email	: elango70@yahoo.com
Mobile	: 9235565647
Qualification	: Ph. D.
Specialization	: Behavioural Ecology and Conservation Biology

## Research Publications

Sl. No.	Title of research article / paper(s)	Name of journal (with city/ country)	Whether Sole Author / Co-author	Month & year of publication, volume, no. & page nos.	Year	ISBN/ISSN No.	Impact Factor
1	Roost selection and roosting ecology of fulvous fruit bat, <i>Rousettus leschenaulti</i> (Pteropodidae)	International Journal of Advanced Biological Research	Mukesh Kumar, YuvanaSatyaPriya, VirendraMathur and Vadamalai Elangovan	5(1): 62-68	2015	ISSN 2250 - 3579	-
2	SEM, FTIR and biochemical characterization of bacterial pathogens causing leaf blight in mulberry leaves	International Journal of Current Science	Harendra Kumar, YuvanaSatyaPriya, Mukesh Kumar and Vadamalai Elangovan	15: E 15-21	2015	ISSN 2250 - 1770	-
3	Diversity, roost selection and ecological importance of the bats of Uttar Pradesh	Natioanal Conference for Sustainable Development, 22 May 2015	Vadamalai Elangovan and Mukesh Kumar	Uttar Pradesh State Biodiversity Board, 44 - 50.	2015	-	-
4	Diversity of Guanophilic Fungi of the Greater Asiatic Yellow Bat, <i>Scotophilusheathii</i>	Trends in Biosciences	Pawan Kr Misra, Aradhna Singh and Vadamalai Elangovan	9(1), 09-13	2016	ISSN 0974-8431	NAAS Rating 2.7
5	Ultrastructural hair morphology: a supplemental tool for species recognition in bats	Zoological Studies	Mukesh Kumar, Y.S. Priya, V. Mathur, H. Kumar, V. Elangovan	55: 00-00	2016	ISSN: 1021-5506	0.78
6	Influence of Rain on Activity of the Indian Flying Fox <i>Pteropus giganteus</i>	Indian Journal of Science	Baskaran S · Kaliraj P · Maruthupandian J · Marimuthu G · Elangovan V	15(44), 6-12	2015	ISSN 2319 - 7730	-
7	Light and Scanning Electron Microscopic Studies on Food Habit Analysis of Insectivorous Bats	Advances in Life Sciences	Pawan Kumar Misra and Vadamalai Elangovan	5(9): 3649 - 3654	2016	ISSN 2278-3849	-
8	Guanophilic Fungi of Mouse-Tailed Bats	South Asian Journal of Life Science	Pawan Kumar Misra and Vadamalai Elangovan	3(2): 56-62	2015	ISSN   2311-0589	-

**Research guidance:** 07 Under guidance

**Membership/Fellowship of Professional/Academic Bodies:**

1. Ethological Society of India (Life Member since 17.1.1997)

2. Chiroptera Conservation Information Network of South Asia (CCINSA - Life Member)
3. Indian Society for Chronobiology (Life member since 2003)
4. Centre for Ecobios and Rural Development (Life Member since 2008)

**Google Scholar Profile: Dr. Vadamalai Elangovan**

Citation indices	All	Since 2011
Citations	276	134
h-index	10	7
i10-index	10	5

Name	:	<b>Prof. Kamal Jaiswal</b>
Designation	:	Professor
Contact	:	Mobile No: 9415109611
Email	:	drkamaljaiswal@gmail.com
Specialization	:	Parasitology
Award & Recognition	:	
Members of Board/ Committee(Outside BBAU)	:	Member, Board of Studies, Dept. of Zoology, Mohammad Ali Jauhar University, Rampur, U.P National Secretary, Zoological Society of India, Bodh Gaya

**Research Publications:**

**A) Book Published**

S. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ISBN No.
1.	<b>Recent Advances in Applied Biosciences</b> by R.C. Sobti, <b>Kamal Jaiswal</b> and Suman Mishra	Reference book Co-Editor	Published by Narendra Publishing House, Delhi. 2015 ISBN: 978-93-84337-64-3
2.	<b>Trends in Biodiversity: Floral Faunal and Ecological Aspects.</b> by R.C. Sobti, <b>Kamal Jaiswal</b> and Suman Mishra	Reference book Co-Editor	Published by Narendra Publishing House, Delhi. 2015 ISBN: 978-93-84337-65-0
3.	<b>Faunal Diversity in India</b> By R.C. Sobti, <b>Kamal Jaiswal</b> and Suman Mishra <b>Volume 1 &amp; 2</b>	Reference book Co-Editor	Published by Narendra Publishing House, Delhi. 2015 ISBN: 978-93-84337-22-3

**B. Published Papers in Journals**

S. No	Title with page nos.	Journal	ISSN/ ISBN No.
1.	Kaur, D., Jaiswal, K., Mishra S. Ethnoveterinary Practices in India: A Review	<b>European Journal of Pharmaceutical and Medical Research</b> ejpmr, 2015,2(7), 139-143.	ISSN: 3294-3211
2.	Kaur, D., Jaiswal, K., Mishra S. Studies on Prevalence of Ixodid Ticks Infesting Cattle and Their Control by Plant Extracts	<b>IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)</b> e-	ISSN: 2278-3008, p- ISSN:2319-7676. Volume 10, Issue 6 Ver. III (Nov - Dec. 2015), PP 01-11
3.	Kaur, D., Jaiswal, K., Mishra S. Studies on prevalence of ixodid ticks infesting cattle	<b>Proc. Zool. Soc. India.</b> 14(2):111-122	
4.	Verma, R., Singh, A.K., Jaiswal, K., Mishra S. Endocrine Disrupting Compounds in River Gomti: Sources, Detections and Effects –A Review	<b>Proc. Zool. Soc. India.</b> 14(1):79-90	
5	<b>Jaiswal,K.,</b> Khursheed, I. and Ahmed, F. Comparative Studies on the Effects of Different Pollution Levels and Parasitism on the Haematobiochemical Parameters of Schizothorax	European Journal of Pharmaceutical and Medical Research ejpmr, 2015,2(4), 395-404 <b>Impact factor= 3.628</b>	ISSN: 3294-3211
6	Ahmed, F ., Tanveer A. Sof, Khalid Majid Bashir A. Sheikh, Omen Mohivd Din Fazili, <b>Jaiswal, K,</b> Comparative Karyologica Analysis of three Diplozoan species (Monogenea, Diplozoidae), Gill Paranten of Schizothorax species- first report from the Kashmir Village India.	Sci. Parasitol,2015.	ISSN- 1582-1366, 2015

**C. Articles/Chapters published in Books:**

S. No.	Title with page nos.	Book Title , editor & publisher	ISSN/ISBN No.
1	Biodiversity and its Conservation Page No.:1-18	<b>Faunal Diversity in India</b> Edited by R.C. Sobti, <b>Kamal Jaiswal</b> , Suman Mishra. Published by Narendra Publishing House, Delhi. 2015	ISBN: 978-93-84337-22-3
2	Molecular Characterization of Insects Group Page Nos.:29-62	<b>Faunal Diversity in India</b> Edited by R.C. Sobti, <b>Kamal Jaiswal</b> , Suman Mishra. Published by Narendra Publishing House, Delhi. 2015	ISBN: 978-93-84337-22-3

## Papers presented in Conferences, Seminars, Workshops, Symposia (International)

S. No	Title of the Paper presented	Title of Conference/Seminar	Organized by
1	Kaur ,D., <b>Jaiswal, K.</b> , and Mishra, Suman. Global Food Security: Demand and Challenges	International Consultation on New Technologies in Animal Sciences For food security, Health security and Livelihood Security of Women, Rural Masses, Scheduled Castes and Scheduled Tribes of North India 30 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University
2	Kaur,D., <b>Jaiswal, K.</b> , and Mishra, Suman.Toxic effect of some indigenous plants against ixodid ticks	26 <sup>th</sup> All India Congress of Zoology and International conferences on Innovation in Animal Sciences For food security, Health security and Livelihood-2015 29 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University
3	Kaur ,D., <b>Jaiswal, K.</b> , and Mishra, Suman. Status of tick Borne diseases in India: A Review	26 <sup>th</sup> All India Congress of Zoology and International conferences on Innovation in Animal Sciences For food security, Health security and Livelihood-2015, 29 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University
4	Pandey, J., Mishra, S. and <b>Jaiswal, K.</b> Gastrointestinal Helminth Parasites: A Serious Threat to the Livestock	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
5	Kashyap, D., Mishra, S. and <b>Jaiswal, K.</b> Detection of Microsporidia in Asian Ladybird beetle, <i>Harmonia axyridis</i>	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
6	Tripathi, S., Pandey, J. and <b>Jaiswal, K.</b> Prevalence of Gastrointestinal Helminth Parasite in <i>Gallus gallus domesticus</i>	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
7	Kumar,N., Mishra, S. and <b>Jaiswal, K.</b> Prevalence of Tick (Ecto-parasite) in Cattle at Lucknow District, U.P.	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
8	Bee, A., Mishra, S. and <b>Jaiswal, K.</b> A Hypothesis: Poultry as a Sustainable Source of Income for Women Living with HIV/AIDS and Poverty	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University

9	Singh, A.K., Mishra, S. and <b>Jaiswal, K.</b> Effect of Biotic and Abiotic Factors on Silkworm <i>Bombax Mori</i> L. in Lucknow Climatic Condition	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
10	Verma, R., Singh, A.K., Mishra, S. and <b>Jaiswal, K.</b> Reduction the Level of RNA/DNA Ratio in tissue of <i>Labeo Rohita</i> , by Exposure to Some Endocrine Disrupting Compound (EDCS)	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University
11	Kanojia, R., Prakash, A., <b>Jaiswal, K.</b> Role of Histone Acetylation in Fear Extinction	26 <sup>th</sup> All India Congress of Zoology & International Symposium on Innovation in Animal Science for Food Security, Health Security and Livelihood- 2015, October 29-31, 2015	Babasaheb Bhimrao Ambedkar University

#### Papers presented in Conferences, Seminars, Workshops, Symposia (National)

S. No	Title of the Paper presented	Title of Conference/Seminar	Organized by
1	Mishra, S., Kaur, D. and <b>Jaiswal, K.</b> Study on Chemical and Ethnoveterinary Control of Ectoparasites: A Review	National Conference on Environment Impact on Health and its Management: Eco Friendly Strategies and 27 <sup>th</sup> All India Congress of Zoology 8 <sup>th</sup> -10 <sup>th</sup> February, 2015, Jaipur	Dept. of Zoology, University of Rajasthan, Jaipur
2	Pandey, J., Mishra, S. and <b>Jaiswal, K.</b> Epidemiology of gastrointestinal nematode infections in goat: A review	National Seminar on Status of India Biodiversity Under Changing Climatic Conditions with special reference to semiarid zone of Bundelkhand region for upliftment of rural economy and women empowerment 4 <sup>th</sup> - 6 <sup>th</sup> March, 2016	Bundelkhand University, Jhansi
3	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 semiarid zone of Bundelkhand region for upliftment of rural economy and women empowerment 4 <sup>th</sup> - 6 <sup>th</sup> March, 2016	Bundelkhand University, Jhansi
4	Pandey, J., Mishra, S. and <b>Jaiswal, K.</b> A Review of the Gastrointestinal Nematode Infections in Goat Population	3 <sup>rd</sup> Lucknow Science Congress LUSCON-2015 & National Conference on Science for Society: An Interdisciplinary Approach, 31st Oct - 2nd Nov, 2015	Babasaheb Bhimrao Ambedkar University

5	Bee, A., Mishra, S. and <b>Jaiswal, K.</b> Poultry as a Livelihood for the Landless Farmers and Women: A Hypothetical Analysis	3 <sup>rd</sup> Lucknow Science Congress LUSCON-2015 & National Conference on Science for Society: An Interdisciplinary Approach, 31st Oct – 2nd Nov, 2015	Babasaheb Bhimrao Ambedkar University
6	Singh, A.K., Mishra, S. and <b>Jaiswal, K.</b> Future Humans: Are we Still Evolving? A Hypothesis	3 <sup>rd</sup> Lucknow Science Congress LUSCON-2015 & National Conference on Science for Society: An Interdisciplinary Approach, 31st Oct – 2nd Nov, 2015	Babasaheb Bhimrao Ambedkar University
7	Kashyap, D., Mishra, S. and <b>Jaiswal, K.</b> Casual Pathogen of Pebrine Disease of Silkworms: A Review	3 <sup>rd</sup> Lucknow Science Congress LUSCON-2015 & National Conference on Science for Society: An Interdisciplinary Approach, 31st Oct – 2nd Nov, 2015	Babasaheb Bhimrao Ambedkar University
8	Kumar, N., Mishra, S. and <b>Jaiswal, K.</b> Prevalence of Ticks in Cattle in Kanpur District, U.P.	3 <sup>rd</sup> Lucknow Science Congress LUSCON-2015 & National Conference on Science for Society: An Interdisciplinary Approach, 31st Oct – 2nd Nov, 2015	Babasaheb Bhimrao Ambedkar University

#### Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences:

S. No	Programme	Duration	Organized by
1	National Seminar on Status of India Biodiversity Under Changing Climatic Conditions with special reference to semiarid zone of Bundelkhand region for upliftment of rural economy and women empowerment	4 <sup>th</sup> – 6 <sup>th</sup> March, 2016	Bundelkhand University, Jhansi.
2	National Workshop on Aquatic Resource Sustainability and Cutting Edge Technologies & Satellite Symposium on Emerging Trends in Skill Development	10-16 April, 2015	Department of Zoology, Parasitology Laboratory, Allahabad Central University, Allahabad
3	Convenor, 3 <sup>rd</sup> Lucknow Science Congress(LUSCON) 2015 and National conferences on science for society: An interdisciplinary approach	31 <sup>st</sup> October-2 <sup>nd</sup> November, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow
4	Convenor, International Consultation on New Technologies in Animal Sciences For food security, Health security and Livelihood Security of Women, Rural Masses, Scheduled Castes and Scheduled Tribes of North India	30 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow
5	Convenor, 26 <sup>th</sup> All India Congress of Zoology and International conferences on Innovation in Animal Sciences For food security, Health security and Livelihood-2015	29 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow

**Research guidance: 09****Membership/Fellowship of Professional/Academic Bodies:**

- Life member, Indian Academy of Science and Nature.
- Life Member, Indian Science Congress.
- Life Member, Environmental Protection and Rural Advancement Society.
- Life Member, Indian Society of Parasitology.
- Life Member, National Academy of Sericultural Sciences.
- Life Member, National Journal of Life Sciences
- Member, Extension Sub Committee of Central Silk Board for Uttar Pradesh.
- Member of U.P. State Level Sericulture Co-ordination Committee of Central Silk Board.

<b>DR. SUMAN MISHRA</b>	
Designation	: Assistant Professor
Contact	: Mobile No: 9450413971
Email	: drsumanmishra@gmail.com
Specialization	: Parasitology

**Academic Details/Activities of the Faculty**

<b>1. Award &amp; Recognition</b>	<b>B.N Pandey Medal</b> , Zoological Society of India, 2016 <b>Inspired Teacher</b> in the one week <b>In-Residence programme at Rashtrapati Bhawan</b> , New Delhi, from 06 <sup>th</sup> to 12 <sup>th</sup> June, 2015
<b>2. Members of Board/Committee (outside BBAU)</b>	<b>Member</b> , RDC of Biotechnology/Bioinformatics, Uttar Pradesh Technical University, I.E.T., Lucknow
<b>3. Details of Projects</b>	Nil
<b>4. Research Publications</b>	

**a. Books/Book Chapter(s) Authored/Edited Book/Monographs**

- **Recent Advances in Applied Biosciences**  
Eds. R.C. Sobti, Kamal Jaiswal and **Suman Mishra**  
Published by Narendra Publishing House, Delhi. 2015  
ISBN: 978-93-84337-64-3
- **Trends in Biodiversity: Floral Faunal and Ecological Aspects**  
Eds. R.C. Sobti, Kamal Jaiswal and **Suman Mishra**  
Published by Narendra Publishing House, Delhi. 2015  
ISBN: 978-93-84337-65-0
- **Faunal Diversity in India (Volumes 1 & 2)**  
Eds. R.C. Sobti, Kamal Jaiswal and **Suman Mishra**  
Published by Narendra Publishing House, Delhi. 2015  
ISBN: 978-93-84337-22-3
- **Recent Advances in Mathematical and Computational Science**  
by R.C Sobti, Deepa Raj, Shilpi Verma, Vipin Saxena and **Suman Mishra**  
Published by Narendra Publishing House. New Delhi.  
ISBN: 978-93-8433-67-4
- **Trends in Library and Information Science by**  
R.C. Sobti, K.L Mahawar, Shilpi Verma, **Suman Mishra**  
Published by Narendra Publishing House, Delhi. 2015  
ISBN: 978-93-84337-66-7

## b. Paper(s) Published

### A. Papers Published in National/International Journals:

S. No	Title with page nos.	Name of Journal	ISSN/ ISBN No.
1.	Kaur, D., Jaiswal, K., <b>Mishra S.</b> Ethnoveterinary Practices in India: A Review	<b>European Journal of Pharmaceutical and Medical Research</b> ejpmr, 2015,2(7), 139-143.	ISSN: 3294-3211
2.	Kaur, D., Jaiswal, K., <b>Mishra S.</b> Studies on Prevalence of Ixodid Ticks Infesting Cattle and Their Control by Plant Extracts	<b>IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)</b> Volume 10, Issue 6 Ver. III (Nov - Dec. 2015), PP 01-11	e- ISSN: 2278-3008, p-ISSN: 2319-7676.
3.	Kaur, D., Jaiswal, K., <b>Mishra S.</b> Studies on prevalence of ixodid ticks infesting cattle	<b>Proc. Zool. Soc. India.</b> 14(2):111-122	ISSN 0972-6683
4.	Verma, R., Singh, A.K., Jaiswal, K., <b>Mishra S.</b> Endocrine Disrupting Compounds in River Gomti: Sources, Detections and Effects –A Review	<b>Proc. Zool. Soc. India.</b> 14(1):79-90	ISSN 0972-6683

### B. Articles/Chapters published in Books:

S. No.	Title with page nos.	Book Title , editor & publisher	ISSN/ISBN No.
1	Biodiversity and its Conservation Page No.:1-18	<b>Faunal Diversity in India</b> Eds. R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015	ISBN: 978-93-84337-22-3
2	Molecular Characterization of Insects Group Page Nos.:29-62	<b>Faunal Diversity in India</b> Eds. R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015	ISBN: 978-93-84337-22-3

### C. Full Papers in Conference Proceedings:

S. No.	Title with page nos.	Details of Conference Publication	ISSN/ISBN No.
1	Kaur, D and <b>Mishra, Suman,</b> Studies on Repellent Properties of <i>Azadirachta indica</i> and <i>Mentha piperita</i> against ixodid ticks'. Chapter 12, Pg No 113-120	<b>Recent Advances in Applied Biosciences</b> Eds. R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015	International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions".30-31 October, 2014
2	Jaiswal, K. K., Pandey, H. and <b>Mishra, Suman</b> Anthelmintic potential of selected ethnomedicinal plant extract on paramphistome parasite'. Chapter 13, Pg No 121-126	<b>Recent Advances in Applied Biosciences</b> Eds. R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015 ISBN No: 978-93-84337-64-3	International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions".30-31 October, 2014

3	Singh. A. and <b>Mishra, S.</b> Population Dynamics of Trematode Parasites In Freshwater Fish <i>Channa Punctatus</i> From Lucknow Region, Uttar Pradesh.	<b>Trends in Biodiversity: Floral Faunal and Ecological Aspects.</b> Edited by R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015 ISBN No: 978-93-84337-64-0	International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions".30-31 October, 2014
4	Kumbhar, M and <b>Mishra, S.</b> Screening of Hymenopteran Insects for Microsporidian Infection.	<b>Trends in Biodiversity: Floral Faunal and Ecological Aspects.</b> Edited by R.C. Sobti, Kamal Jaiswal, <b>Suman Mishra.</b> Published by Narendra Publishing House, Delhi. 2015 ISBN No: 978-93-84337-64-0	International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions".30-31 October, 2014

#### 8. Participation/Paper presentation in Orientation/Refresher Course/ Workshop/ Seminar/ Conferences:

S. No	Programme	Duration	Organized by
1	Participated and presented paper, 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	4 <sup>th</sup> – 6 <sup>th</sup> March, 2016	Bundelkhand University, Jhansi.
2	<b>One week training on "Molecular Techniques"</b> at NBAGR, Karnal, Haryana.2015	25 <sup>th</sup> – 31 <sup>st</sup> May, 2015	Molecular Genetics Laboratory, ICAR-National Bureau of Animal Genetic Resources (NBAGR), Karnal, Haryana.
3	Participated and presented paper National Workshop on Aquatic Resource Sustainability and Cutting Edge Technologies & Satellite Symposium on Emerging Trends in Skill Development	10-16 April, 2015	Department of Zoology, Parasitology Laboratory, Allahabad Central University, Allahabad
4	Participated and presented paper Or 3 <sup>rd</sup> Lucknow Science Congress(LUSCON) 2015 and National conferences on science for society:An interdisciplinary approach	31 <sup>st</sup> October-2nd November, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow
5	Participated and presented paper and Organizer, International Consultation on New Technologies in Animal Sciences For food security, Health security and Livelihood Security of Women, Rural Masses, Scheduled Castes and Scheduled Tribes of North India	30 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow
6	Participated and presented paper and Organizer, 26 <sup>th</sup> All India Congress of Zoology and International conferences on Innovation in Animal Sciences For food security, Health security and Livelihood-2015	29 <sup>th</sup> -31 <sup>st</sup> October, 2015	Babasaheb Bhimrao Ambedkar University, Lucknow

## 9. Invited Speaker/Session Chaired in National/International Conferences

S. No.	Title of Lecture /Academic Session	Title of Conference/ seminar etc.	Organized by
1	<b>Invited Speaker</b> Title: Current Trends in Parasite Diagnosis	National Workshop on Aquatic Resource Sustainability and Cutting Edge Technologies from 10-16 April, 2015 & Satellite Symposium on Emerging Trends in Skill Development w.e.f. 12-14 April, 2015	Parasitology Laboratory, Department of Zoology, University of Allahabad

### 1. Research guidance

Total: 03 research scholars enrolled.  
(01 Thesis Submitted, 02 Continuing)

### 2. Membership/Fellowship of Professional/Academic Bodies

- Life Member, The Cytometry Society of India
- Life Member of Indian Society for Parasitology (1996)
- Life Member of Indian Science Congress Association (2007)
- Life Member of Zoological Society of India (2007)
- Life Member of Society of Life Sciences (2009)
- Life Member of the Indian Academy of Environmental Sciences, Hardwar (2010)
- Life Member of Inland Fisheries Society of India (IFSI), Barrackpore

### Dr.Venkatesh Kumar R

Assistant Professor

Email-drvenkateshkumar@yahoo.com

Specialization : Sericulture

1. Award & Recognition: 01
2. Supervision of Research Project: 01
3. Research Publications : 03
4. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences: 02
5. Invited Speaker/Session Chaired in National/International Conferences detail: 01
6. Research guidance: 04

### Google Scholar Profile of Dr.Venkatesh Kumar R

Citation indices	All	Since 2011
Citations	170	160
h-index	7	7
i10-index	4	4

### Abha Mishra

Assistant Professor

Email: drabhamishra@gmail.com

Specialization : Fish and Fisheries

### Supervision of Research Project:

1. DBT in collaboration with NBFGR as co-investigator (BT/PR14628/AAQ/03/537/2010): "Identification and evaluation of reproductive traits and genetic structure of *Ompokbimaculatus* in India" of total cost in Rs. 55,31,000/- for three years (27 Sept 2011 to 26 Dec 2014). **COMPLETED**
2. DST - SARC - FAST TRACK - SERB-Young Scientist as principal investigator (SR/FT/LS,106/2010): "Teratogenic effects of Hilban®, an organic insecticide, on fresh water fish *Channapunctatus* (Bloch, 1793)" of total cost in Rs. 24,00,000/- for three years (28 May 2012 to 27 May 2015). **COMPLETED**
3. CST,UP as principal investigator (CST/D/1214): "Toxicological effect of chlorpyrifos, an insecticide, on the behavioral, physiological and biochemical aspects of fresh water fish *Channapunctatus* during its life span" of total cost in Rs. 8,40,000/- for three years (awarded on 12.9.12, started on 14.2.13 to 13.2.16). **COMPLETED**

## Research Publications:

### International Journals:

1. Ravindra Kumar<sup>a\*</sup>, Brijesh Kumar Pandey<sup>a</sup>, Uttam Kumar Sarkar<sup>a</sup>, Naresh Sahebrao Nagpure<sup>a</sup>, Vishwamitra Singh Baisvar<sup>a</sup>, Praveen Agnihotri<sup>a</sup>, AbhishekAwasthi<sup>a</sup>, **Abha Mishra<sup>b</sup>** & Narendra Kumar<sup>a</sup>. **Population genetic structure and geographic differentiation in butter catfish, *Ompokbimaculatus*, 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**, Anuragrawat, Snehaverma, Uttam Kumar Sarkar, Ravindra Kumar (2016). Spawning dynamics of female freshwater buttercatfish, *Ompokbimaculatus* (Bloch, 1794) in different major rivers of India. *International J. of Fisheries and Aquatic Studies*; 4(3); 449-457.

### National Journals:

1. KC Yadav, **A Mishra**, S Raizada, V Sahu, PP Srivastava. Influence of formulated diet on survival and growth of giant snakehead, *Channamarulius* reared in pond condition. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 2016. 86(1):97-103 (IF 0.396) Doi 10.1007/s40011-014-0414-8. ISSN 0369-8211.
2. **Abha Mishra** and Parmeshwar Singh (2015). Effect of chlorpyrifos pesticide in non-target animals. (In Hindi) *Kahar*, 2(4). 20-21. ISSN 2394-3912.
3. 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

### Book Chapters:

- 1) **Mishra Abha** and Uttam Kumar Sarkar. 2015. Perspectives of gonadal maturation in tropical fish: A review. In: *Advances in Fish Research*, Vol.V, pp. 15-30. Edited by: U.C. Goswami. Narendra Publishing House, Delhi, India. 360 pp. ISBN No. 978-93-80428-58-1.

## Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences:

1. Hands-on-Training on SEM, FTIR, FPLC and Ion Chromatography by University Science Instrumentation center, BabasahebBhimraoAmbedkar University, Lucknow, February 18-20, 2015.
2. Summer School conducted by University of Allahabad, from 1-21 June 2015.

### Research guidance:

1. Toxicological effect of organophosphorous pesticide, chlorpyrifos on survival, histology and biochemical aspects of fresh water teleost, *Channapunctatus* (Bloch). Ms. Yogita Devi, Enrolment No. 1267/08, 2013.(2015)
2. A comparative study of sublethal effect of cadmium composition on different tissues of freshwater fish *Channapunctatus*. Bela Turkey Kaushal, Date of Registration: 21<sup>st</sup> August 2008, Date of Thesis Submission: 5<sup>th</sup> March 2013, Enrolment Number: 124/08.(2015)
3. Study on reproductive Biology, captive breeding, larval rearing and grow-out of giant snakehead, *Channamarulius* (Hamilton, 1822) as Co-guide with Prof SudhirRaizada (Asst Director General, ICAR, New Delhi) Registration: 17<sup>th</sup> October 2013, Date of Thesis Submission: 1<sup>st</sup> August 2016, Enrolment Number: 922/13.

## Membership/Fellowship of Professional/Academic Bodies:

1. Life membership of "Indian Science Congress", Membership No. L 12170.
2. Life membership of "Society for Reproductive Biology and Comparative Endocrinology (SRBCE)" in Feb 2010. Membership No.
3. Life membership of "Aquatic Biodiversity Conservation Society" in August 2010. Membership No. ABCS/L/G-155.
4. Life Membership of "The Zoological Society, Kolkata" in January 2011. Membership No.
5. Life Membership of "Society of Biological Sciences and Rural Development (SBSRD) (National Academy of Biological Sciences

and Rural Development)" in 20 August 2013, Membership No.153

### Google Scholar Profile:

Citation indices	All	Since 2011
Citations	155	98
h-index	8	7
i10-index	7	5

### Dr. Amit Dwivedi (Guest Faculty)

M.Sc. (Chem.), Ph.D. (L U), PGDJMC.  
Assistant Professor (Guest Faculty)

### Recent Achievements:

- Participated as delegate in in one week National workshop on 'Research methodology and statistical analysis in yogic sciences', organized by Babasaheb Bhimrao Ambedkar University, Lucknow, and TAPESYA.
- Attended one week faculty development programme on 'Personality development, communication skills and teaching & research aptitude', organized by University of Lucknow.
- Life membership of 'International Association of Engineers' (IAENG).
- Senior membership of 'Asia Pacific Chemical, Biological & Environmental Engineering society' (APCBES).

### Dr. Abrar Ahmad, PhD (Biochemistry)

Assistant Professor-Guest Faculty

### Publications

1. Ashok Kumar Chauhan, **Abrar Ahmad**, Surya Pratap Singh, Ashwani Kumar. Nucleotide sequencing of *dszABC* genes from a desulfurizing strain *Mycobacterium phlei* SM120-1 *International Journal of Applied Biochemistry* (2015) 3(1):1-5.
2. Ashok Kumar Chauhan, **Abrar Ahmad**, Surya Pratap Singh, Ashwani Kumar. Biodesulfurization of Benzonaphthothiophene by a newly isolated *Gordonia* sp. IITR100. *International Biodeterioration and Biodegradation* (2015) 104:105-111.

3. **Gene submission in gene bank** -Accession No. - GU084407 - Singh, P., **Ahmad, A.**, Macwan, A.S., Kumar, A. and Srivastava, P.

### Lectures delivered

1. On "Current Scenario about Killer Bird-Flu" at Department of Biochemistry, Jamia Hamdard, New Delhi.
2. On "Recent Advancement in the Development of Vaccines for AIDS & Bird-Flu" at Department of Biochemistry, Jamia Hamdard, New Delhi.

### Dr. Mohammad Kashif (Guest Faculty)

### b. Paper Published:

- Bharati AP, Singh N, Kumar V, **Kashif M**, Singh AK, Singh P, Singh SK, Siddiqi MI, Tripathi T, Akhtar MS. The mRNA capping enzyme of *Saccharomyces cerevisiae* has dual specificity to interact with CTD of RNA Polymerase II. 2016. *Scientific Reports*. PMID: 27503426.
- Shukla H, Kumar V, Singh AK, Singh N, **Kashif M**, Siddiqi MI, Manju YK, Akhtar MS. Insight into the structural flexibility and function of *Mycobacterium tuberculosis* isocitrate lyase. 2015. *Biochimie*. PMID: 25576828.
- Faisal S, Kazmi S, **Kashif M**, Owais M. Orange juice mediated biomimetic synthesis of 5-FU based nano-particle: an efficacious formulation to treat DMBA induced fibrosarcoma in model animals. Under Review in *Scientific Reports*.
- Zubair S, Ahmad F, Owais M, Ahmad N, **Kashif M**, Gupta UD. Amyloid Rv1886c releases monomeric antigen in slow & steady manner: implication in prophylaxis against experimental murine tuberculosis. Under communication in *The Journal of Biological Chemistry*.
- **Kashif M**, Bharati AP, Sharma T, Singh AK, Singh N, Akhtar MS. pH dependent study on structural plasticity and conformational transition of transcriptional co-activator Sus1 from *S. Cerevisiae*. (Manuscript under communication).

**d. International Conferences/ paper presentation:**

- Participated in 3 days workshop on "Microarray data analysis" held at Rajive Gandhi Centre for Biotechnology (R.G.C.B), Thiruvananthapuram Kerala, INDIA

**Fellowship of Professional/Academic Bodies:**

- Senior Research Fellowship from Council of Scientific and Industrial Research (CSIR-SRF), at Molecular and Structural Biology Division, CSIR- Central Drug Institute, Lucknow, INDIA, (2012-2015).

**Name of Guest Faculty: Ranvijay Pratap Singh (Guest Faculty)**

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	<b>Ranvijay Pratap Singh</b> , Rohit Prakash, Amandeep, Arun Sethi	Facile synthesis of corticosteroids prodrugs from isolated hydrocortisone acetate and their quantum chemical calculations	Journal of Molecular Structure (communicated)			
2	Arun Sethi*, <b>Ranvijay Pratap Singh</b> , Dolly Shukla, Praveer Singh	Synthesis of novel pregnane-diosgenin prodrugs via Ring A and Ring A connection: A combined experimental and theoretical studies	Journal of Molecular Structure	1125	616	2016
3	Sangeeta Srivastava*, Preeti Gupta, Arun Sethi, <b>Ranvijay Pratap Singh</b>	"One pot synthesis of Curcumin-NSAIDs prodrug, spectroscopic characterization, conformational analysis, chemical reactivity, intramolecular interactions and first order hyperpolarizability by DFT method".	Journal of Molecular Structure	1117	173	2016
4	Sangeeta Srivastava*, Preeti Gupta, Amandeep, <b>Ranvijay Pratap Singh</b>	"Synthesis of 4-((1E, 6E)-7-(4-hydroxy-3-methoxyphenyl)-3, 5-dioxohepta-1, 6-dienyl)-2-methoxyphenyl 4-fluorobenzoate, a novel monoester derivative of curcumin, its experimental and theoretical (DFT) studies".	Journal of Molecular Structure	1109	58	2016
5	<b>Ranvijay Pratap Singh</b> , Sonia Sharma, Rajni kant, Amandeep, Praveer Singh, Arun Sethi	"Expedient synthesis of novel pregnane-NSAIDs prodrugs, XRD, stereochemistry of their C-20 derivatives by circular dichroism, conformational analysis, their DFT and TD-DFT studies".	Journal of Molecular Structure	1105	423	2016
6	<b>Ranvijay Pratap Singh</b> , Rajni kant, Kuldeep Singh, Sonia Sharma, Arun Sethi	"Synthesis, crystal structure, conformational analysis, nonlinear optical property and computational study of novel pregnane derivatives".	Journal of Molecular Structure	1095	125	2015

**Participation in Orientation/ Refresher Course/ Workshop/ Seminar/ Conference:**

S. No.	Title	Activity	Organization	Year
1	"Protein structure prediction and computer aided drug designing"	Workshop	Department of Biochemistry, Lucknow University	July 24-25, 2015

## Rashmi Srivastava

### 1. Members of Board/ Committee (Outside BBAU)

- a. Editorial Member of the Journal of Biological Sciences and Medicine (ISSN: 2455-5266) published from New Delhi, India.

### 2. Research Publications

#### a. Books/ Book Chapters Authored/ Edited

1. Rakesh Srivastava, Rashmi Srivastava and Uma M. Singh. Understanding the patterns of gene expression during climate change: for enhancing crop productivity. Francis & Taylor ISBN no: 978-1-48-222920-2.

#### b. Paper Published

1. Nidhi Mishra, **Rashmi Srivastava**, Uma Rani Agrawal and RR Tewari (2016). An insight into the genotoxicity assessment studies in dipterans. *Mutation Research Reviews*. Impact factor 5.26 (Accepted)
2. Rakesh Srivastava, **Rashmi Srivastava** and Seong Hoon Ahn (2016). The Epigenetic Pathways to Ribosomal DNA Silencing. *Microbiology And Molecular Biology Reviews* (Invited). Impact factor 14.167 (Published).
3. **Rashmi Srivastava\*** and Nidhi Mishra (2015). Understanding heterochromatin characterization through chromosome banding. *Journal of Biological Sciences and Medicine*, Vol. 1 (1): 11-20. ISSN: 2455-5266 (Published)\*corresponding author.
4. Nidhi Mishra\* and **Rashmi Srivastava** (2015). Use of Nanotechnology in Cancer Therapy: An Overview. In *Proceedings of 26th All India Congress of Zoology & International Symposium on Innovation in Animal Sciences for Food Security, Health Security and Livelihood- 2015* October 29-31, 2015.
5. NS Nagpure, **Rashmi Srivastava**, Ravindra Kumar, Anurag Dabas, Basdeo Kushwaha & Pavan Kumar (2015). Assessment of pollution of river Ganges by tannery effluents using genotoxicity biomarkers in murrel fish, *Channa punctatus* (Bloch). *Indian Journal of Experimental Biology*, Vol. 53: 476-483. ISSN: 0975-1009 (Online); ISSN: 0019-5189 (Print) (Impact factor 1.165).

6. **Rashmi Srivastava\*** and Pratima Gaur (2015). Revelation of heterochromatin heterogeneity in Sarcophagid chromosomes using DNA ligand Mithramycin. *Caryologia: International Journal of Cytology, Cytosystematics and Cytogenetics*, Vol. 68 (1): 55-60. ISSN: 0008-7114 (Print); ISSN: 2165-5391 (Online) (Impact factor 0.494)\*corresponding author.

7. NS Nagpure, **Rashmi Srivastava**, Ravindra Kumar, Basdeo Kushwaha, Satish Kumar Srivastava, Pavan Kumar and Anurag Dabas (2015). Assessment of genotoxic and mutagenic potential of hexavalent chromium on the freshwater fish *Labeo rohita* (Hamilton, 1882). *Drug and Chemical Toxicology*, Vol. 38 (1): 9-15. ISSN: 1525-6014 (Online); ISSN: 0148-0545 (Print) (Impact factor 1.653).

### 3. Membership/ Fellowship of Professional/ Academic Bodies:

- a. Life member of "Aquatic Biodiversity and Conservation Society (ABCS)", Lucknow.
- b. Life member of "Indian Zoological Society", University of Allahabad, India.

### 5. Google Scholar Profile: <https://scholar.google.co.in/citations?user=V06874QAA-AAJ&hl=en>

Rashmi Srivastava

Associate Editor, Journal Biological Science and Medicine, Delhi

Cytogenetics, Genotoxicity

Verified email at [jbscim.com](http://jbscim.com) - Homepage

## Dr. Sahabjada

### First and equal author research articles

1. **Siddiqui S**, Ahmad E, Gupta M, Rawat V, Shivnath N, Banerjee M, Khan MS, Arshad M. *Cissus quadrangularis* Linn exerts dose dependent biphasic effects: osteogenic and antiproliferative through modulating ROS, cell cycle and Runx2 gene expression in primary rat osteoblasts. *Cell proliferation* 2015; 48, 443-454. IF-3.12, ISSN:1365-2184
2. Kaleem S\*, **Siddiqui S\***, Hussain A, Arshad M, Akhtar J, Rizvi A, Siddiqui HH. Eupalitin induces apoptosis in prostate

carcinoma cells through ROS generation and increase of caspase-3 activity. *Cell Biology International* 2015; 40:196-203 **IF-1.93** ISSN:1065-6995 (\*Equal contribution and corresponding author)

### Co-author research articles

1. Jigyasu AK, **Siddiqui S\***, Lohani M, Khan IA, Arshad M. Chemically synthesized CdSe quantum dots inhibit growth of human lung carcinoma cells *via* ROS generation. *EXCLI Journal* 2016; 15:54-63. **IF-0.85**, ISSN:1611-2156. (\*Corresponding author)
2. Iram S, Khan S, Ansary AA, Arshad M, **Siddiqui S**, Ahmad E, Khan RH, Khan MS. Biogenic Terbium Oxide Nanoparticles as the Vanguard against Osteosarcoma. *Spectrochim Acta A Mol Biomol Spectrosc* 2016; 168:123-131. **IF- 2.09**, ISSN:1386-1425
3. Md. Azizur Rahman, Juber Akhtar, **Sahabjada**, Md. Arshad. Evaluation of cytotoxic potential and apoptotic effect of a methanolic extract of *Bauhinia racemosa* Lam against a human cancer cell line, HeLa. *European Journal of Integrative Medicine* 2016 (In Press); **IF-0.84**, ISSN:1876-3820
4. Arshad M, **Siddiqui Sahabjada**, Ali D. *In vitro* anti-proliferative and apoptotic effects of ethanolic extract of *Cissus quadrangularis*. *Caryologia* 2016; 69:128-132. **IF-0.74**, ISSN:2165-5391.
5. Kirwen EM, Batra T, Karthikeyan C, Deora GS, Rathore V, Mulakayala C, Mulakayala N, Nusbaum AC, Chen J, Amawi H, McIntosha K, **Sahabjada**, Arantes V, Shivnath N, Chaurasia D, Sharma N, Arshad M, Trivedi P, Tiwari AK. 2,3-Diaryl-3H-imidazo[4,5-b]pyridine derivatives as potential anticancer & anti-inflammatory agents. *Acta Pharmaceutica* 2016 (Accepted); **IF-0.91**, ISSN: 1846-9558
6. Sheikh S, **Siddiqui Sahabjada**, Dhasmana A, Safia, Haque E, Kamil M, Lohani M, Arshad M, Mir SS (2015) *Cissus quadrangularis* Linn stem ethanolic extract liberates reactive oxygen species (ROS) and induces mitochondria mediated apoptosis in KB cells *Pharmacogony Magazine* 2015; 11:365-374. **IF-1.26**, ISSN:0976-4062
7. Mishra N, **Siddiqui Sahabjada**, Arshad M, Kumar D. In vitro anticancer activities of Schiff base and its lanthanum complex.

*Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 2015; 155:146-154. **IF-2.35**, ISSN:1386-1425

8. Shanmugaprakash M, Jayashree C, Vinothkumar V, **Siddiqui Sahabjada**, Rawat V, Arshad M. Biochemical characterization and antitumor activity of three phase partitioned L-asparaginase from *Capsicum annum* L. *Separation and Purification Technology* 2015;
9. Iqbal B, Ghildiyal A, **Sahabjada**, Singh S, Arshad M, Mahdi AA, Tiwari S. Antiproliferative and Apoptotic Effect of Curcumin and TRAIL (TNF related apoptosis inducing ligand) in Chronic Myeloid Leukemic Cells. *Journal of Clinical and Diagnostic Research*; 2016; 10(4): XC01-XC05 **IF-0.23**, ISSN:0973-709X
10. Sheikh S, Dhasmana A, **Siddiqui Sahabjada**, Safia, HAque E, Kamil M, Lohani M, Arshad M, SS Mir. Anticancer activity of *Cissus quadrangularis*: An in vitro 2D model study. *International Journal of Sciences: Basic and Applied Research*, 2015; 23(1)93-105. ISSN:2307-4531

### c. National Conferences/paper presentation:

1. A. Jafri, **S. Siddiqui**, J. Rais, S. Kumar, M. Arshad. Biphasic effect of *Nigella sativa* L. extract on osteoblast differentiation and bone formation. "National Conference on Environmental Impact on Health and its Management: Eco-Friendly strategies and XXVII All India Congress of Zoology-2016" p-214, Feb 8-10, 2016, Department of Zoology, Centre for Advance Studies, University of Rajasthan, Jaipur, India.
2. M. Arshad, **Sahabjada**, A. Jafri, M. Serajuddin. Antiproliferative and cytotoxic activity of piperine against PC-3 cell line of human prostate carcinoma. "National Conference on Environmental Impact on Health and its Management: Eco-Friendly strategies and XXVII All India Congress of Zoology-2016" p-102, Feb 8-10, 2016, Department of Zoology, Centre for Advance Studies, University of Rajasthan, Jaipur, India.
3. M. Arshad, M. Gupta, A. Jafri, **Sahabjada**, N. Shivnath, V. Rawat, J. Rais. Naringenin prevents *in vivo* high glucose induced bone mineral loss in Rats. "26<sup>th</sup> AICZ &

*International Symposium on Innovation in Animal Sciences for Food Security, Health Security and Livelihood* p-201, Oct-29-31, **2015**, BBAU, Lucknow, India.

#### d. International Conferences/paper presentation:

1. **S. Siddiqui**, A. Jafri, J. Rais, M. Arshad. Apigenin modulate bone remodeling of osteoblasts and osteoclasts *via* inducing BMP-2 and reducing cathepsin K level in co-culture system. *“International conference on Emerging Trends in Biomedical Sciences”* p-219, March 6-8, **2016**, Department of Biochemistry, Aligarh Muslim University, Aligarh, India
2. J. Rais, A. Jafri, **S. Siddiqui**, M. Tripathi, M. Arshad. *Rheum emodi* induces antiproliferative activity on MCF-7 cells human breast adenocarcinoma. *“International Symposium on Role of Herbs in Cancer Prevention and Treatment”* p-92. Feb 9-10, **2016**, School of Life Sciences, Jawaharlal Nehru University, New Delhi, India

3. M. Arshad, A. Jafri, **Sahabjada**, M. Gupta, N. Shivnath, V. Rawat, J. Rais. Naringenin induces osteoblast proliferation, matrix mineralization, Runx-2 expression via modulating ROS generation in osteoblast cells. *“International Conference on Biotechnological Advancements in Free Radical Biology and Medicine-2015”* p-11, Nov 14-16, **2015**, Department of Bio-Sciences and Bio-Engineering, Integral University, Lucknow, India.

#### Fellowship of Professional/Academic Bodies:

1. **Senior Research Fellowship (SRF, December 2013–January 2016)**: Indian Council of Medical Research (ICMR), New Delhi, India.

#### Member of board/committee:

- a. Annual member of Indian Science Congress Association (ISCA)
- b. Annual member of Indian Society of Cell Biology (ISCB)

#### 9. Google Scholar Profile:

Citation indices	All	Since 2011
Citations	34	34
h-index	3	3
i10-index	1	1

TitleAdd More 1-19	Cited by	Year
Eupalitin induces apoptosis in prostate carcinoma cells through ROS generation and increase of caspase $\beta$ activity S Kaleem, S Siddiqui, HH Siddiqui, A Hussain, M Arshad, J Akhtar, ... Cell biology international 40 (2), 196-203	<u>3</u>	2016
Biochemical characterization and antitumor activity of three phase partitioned L-asparaginase from Capsicum annum L. M Shanmugaprakash, C Jayashree, V Vinothkumar, SNS Senthilkumar, ... Separation and Purification Technology 142, 258-267	<u>3</u>	2015
In vitro anticancer activities of Schiff base and its lanthanum complex K Poonia, S Siddiqui, M Arshad, D Kumar Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 155, 146-154	<u>1</u>	2016

Cissus quadrangularis Linn exerts dose dependent biphasic effects: osteogenic and anti-proliferative, through modulating ROS, cell cycle and Runx2 gene expression in primary rat osteoblasts S Siddiqui, E Ahmad, M Gupta, V Rawat, N Shivnath, M Banerjee, ... Cell proliferation 48 (4), 443-454	1	2015
Biogenic terbium oxide nanoparticles as the vanguard against osteosarcoma S Iram, S Khan, AA Ansary, M Arshad, S Siddiqui, E Ahmad, RH Khan, ... Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 168, 123-131	-	2016
In vitro anti-proliferative and apoptotic effects of ethanolic extract of Cissus quadrangularis M Arshad, S Siddiqui, D Ali Caryologia 69 (2), 128-132	-	2016
2,3-Diaryl-3H-imidazo[4,5-b]pyridine derivatives as potential anticancer & anti-inflammatory agents EMKTBCKGSDVRCMNMACNJCHAKMISVANSDCNSMPTAK Tiwari Acta Pharmaceutica	-	2016
Antiproliferative and Apoptotic Effect of Curcumin and TRAIL (TNF Related Apoptosis inducing Ligand) in Chronic Myeloid Leukaemic Cells B Iqbal, A Ghildiyal, SS Sahabjada, M Arshad, AA Mahdi, S Tiwari Journal of clinical and diagnostic research: JCDR 10 (4), XC01	-	2016
Evaluation of cytotoxic potential and apoptotic effect of a methanolic extract of Bauhinia racemosa Lam against a human cancer cell line, HeLa MA MA Rahman, J Akhtar, Sahabjada European Journal of Integrative Medicine	-	2016
Cissus quadrangularis L. inhibit proliferation and cell cycle arrest of human cervical adenocarcinoma cell GA Sahabjada Siddiqui, Qamar Zia, Mohammad Abbas, Asif Jafri, Md Arshad ... Scientific Reports	-	2016
Chemically synthesized CdSe quantum dots inhibit growth of human lung carcinoma cells via ROS generation AK Jigyasu, S Siddiqui, M Lohani, IA Khan, M Arshad EXCLI journal 15, 54	-	2016
Cissus quadrangularis Linn. Stem ethanolic extract liberates reactive oxygen species and induces mitochondria mediated apoptosis in KB cells S Sheikh, S Siddiqui, A Dhasmana Pharmacognosy magazine 11 (Suppl 3), S365	-	2015
Anticancer Activity of Cissus quadrangularis: An in vitro 2D Model Based Study SSM S Sheikh, A Dhasmana, S Siddiqui, Ejazul Haque, M Kamilf, M Lohani, M Arshad International Journal of Sciences Basic and Applied Research 23 (1), 93-105	-	2015

### Dr. Shivesh Mani Tripathee

#### Paper Publications:

- (a) S.M. Tripathee and V. S. Verma :Mucus flow in human airways: Effect of Air velocity and porosity parameter, 2013, IJSR, Vol.5,issue.1,2016.

## 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	<b>Teaching and Research Experience:</b> 31 Years <b>Field of Specialization:</b> Fruit Science (Pomology) in Horticulture under Agriculture Sciences. <b>Major Area of Research and field of interest:</b> 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	<b>Teaching and Research Experience:</b> 17 Years <b>Field of specialization-</b> Vegetable Science in Horticulture under Agricultural Sciences. <b>Area of work and field of interest in Horticulture-</b> 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.)	<b>Research (R &amp; D and Extension) and teaching experience-</b> 16 years Approx <b>Field of specialization -</b> Fruit Science (Pomology) <b>Area of work and field of interest in horticulture -</b> 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	<b>Research (R &amp; D and Extension) and teaching experience-</b> 11 years Approx. <b>Field of specialization -</b> Vegetable Science <b>Area of work and field of interest in:</b> 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)	<b>Teaching Experience :</b> 3 years 10 months at PG & Ph. D Level <b>Research Experience:</b> 10 years <b>Field of specialization:</b> Fruit Science (Horticulture) <b>Area of work and field of interest:</b> 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)	<b>Teaching and Research Experience:</b> 01 Years <b>Field of Specialization:</b> Fruit Science (Pomology) <b>Major Area of Research and field of interest:</b> All branches of Horticulture especially Orchard Management, Protected cultivation, Integrated Nutrient Management, Nursery Management, Propagation Technology, HDP, PHT, Intercropping, Crop Regulation, Horticultural research

**Accomplishments of students:**

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

**NET Qualified Student:**

- Mr. Dinesh Chandra Meena, Ph. D. Student
- Mr. Jitendra Kumar Meena, Ph. D. Student
- Mr. Anurag Bajpai, Ph. D. Student
- Mr. Govind, Ph.D. Student
- Mr. Vikas Kumar, Ph. D. Student
- Mr. Pradeep Kumar, Ph.D. Student
- Mr. Satyendra Kumar, Ph.D. Student
- Mr. Meezan Ali, M. Sc. Student
- Mr. Sandeep Maurya, M.Sc. Student
- Mr. Dharendra Pratap Singh, M. Sc. Student
- Mr. Jal Singh Meena, M. Sc. Student
- Mr. Manoj Kumar Aryan, M. Sc. Student

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

**Award & Recognition (if any)-**

**Dr. Sutanu Maji:**

Best Teacher Award at International seminar on Indigenous technologies for sustainable agriculture and better tomorrow held at NBRI, Lucknow during 9-10 January 2016 by Samagra Vikash Welfare Society

**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 Utrakhand University, Utrakhand
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

Details of project sanctioned/executed (during 01-04-2015 to 31-03-2016):

**Prof. Sanjay Kumar and Dr. Sutanu Maji**

S. No	Title	Agency	Period	Grant/amount mobilized (Rs lakh)
1.	Collection, Evaluation and Conservation of Underutilized Vegetables of U. P.	U. P. Council of Agricultural Research, Lucknow	2 years	11.46989

**Research publication (s):****a. Book(s)/ Book Chapter (s) authorized/ edited book/monograph(s) :****Prof. R. B. Ram:**

- Babasaheb Dr. B. R. Ambedkar's Vision of Education in India in Dr. B. R. Ambedkar An Ultimate Visionary of the Era.
- Context and process of education: Ambedkar's Vision and Social Thoughts in Babasaheb Bhimrao Ambedkar's Vision of Education, Message for Teachers and Teachers Educators.

**Prof. Deepa H. Dwivedi**

- Proceedings of the 1st International Symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation

**b. Paper published:****Prof. R. B. Ram**

1. Bharti, Navaldey and Ram, R. B (2015). Influence of planting dates and sulphur fertilizers on physical and chemical traits of onion cv. Pusa Red. *International Journal of Plant Sciences*. 10 (2): 108-112.
2. Singh, A and **Ram, R. B.** (2015). Estimation of yield and nutrient uptake by onion under the influence of inorganic, organic and bio-fertilizers, *Asian Journal of BioScience*, 10(2).
3. Yadav R. K., **Ram, R. B.** Meena, M. L., Kumar, V and Singh, H. D. (2015). Responce of Foliar spray of micronutrients on fruit set, yield and quality of winter season guava (*Psidium guajava* L.) cv. Allahabad Safeda. *Environment and Ecology*, 33 (1B): 444-447.
4. Bharti, N. and **Ram, R.B.** (2015). Efficacy of Planting Dates and Forms of Sulfur on Chemical Constituents of Onion. *Environment & Ecology*. 33 (4) : 1587 – 1590.

5. Mishra, P.K., **Ram, R.B.** and Kumar N. (2015). Genetic variability, heritability and genetic advance in strawberry (*Fragaria ananassa* Duch.). *Turkish Journal of Agriculture and forestry*. 39
6. Prasad, R. Ram, R. B. Kumar, V and Rajvanshi, S. K (2015). Study on Effect of Different Packaging Materials on Shelf life of Banana (*Musa paradisiacal* L.) cv. Harichal under Different Condition. *Int. J. Pure App. Bioscience*, 3 (4): 132-141.
7. Bharti Navaldey and **Ram, R. B** (2015). Response of Short day onion cultivar Pusa Red to planting dates and sulphur fertilization. *Progressive Horticulture*, Vol 47, No.2, 174-178.
8. **Ram, R. B.;** Singh, A, and Meena, M. L, (2015). Efficacy of different sources of nutrients and biofertilizers on growth yield quality of onion. *International research journal of natural and applied sciences: 64-70*(NAAS RATING 2.188)
9. Kumar V., **Ram R. B,** Rajvanshi, S. K., and Dohre S. (2015). Study on genetic variability, heritability and genetic advance for yield and yield attributing characters in Cluster Bean (*Cyamopsis Tetragonoloba* (L) Taub.)
10. **Ram, R. B.;** Kumar, Singh, A, Bharti, N., Lata, Rubee. and Meena, M. L.. (2015). Potato: A wholesome food ,social Issues and health concern. *International journal of social science and development policy*,1(1):43-51
11. Prakash, J. **Ram, R. B.;** and Meena, M.L. (2015, **Accepted**). Genetic variation and characters inter-relationship studies for quantitative and qualitative traits in french bean (*Phaseolus vulgaris* L.) under Lucknow Conditions. *Legume Research*. (NAAS RATING 6.09) .
12. Pawan Kumar, RB Ram, **Deepa H Dwivedi,** Shreesh K Gautam and Namrta Singh (2015). Response of different plant bioregulators for retaining marketability of

guava (*Psidium guajava* L.) fruits cv. CISH G-1 stored under ambient temperature. *Int. J of Agr Sc.* 11(1): 85-88

13. **Ram, R. B.;** Kumar, D.; Sonkar, P.; Lata, R. and M. L. Meena. (2015). Studies for the Standardization of stone grafting in six mango cultivars under Lucknow conditions of India. *Acta Hort.* (1066): 95-98

#### Dr. Sanjay Kumar

1. Govind, S. Maji, R. Kumawat, A. Pal, **S. Kumar** and S. Saha (2015). Improvement of growth, yield and quality of Garlic (*Allium sativum* L.) cv. G-282 through a novel approach. *The Bioscan* 10(1): 23-27.
2. **Sanjay Kumar** and Bikas Das (2015). Effect of Gibberellic acid and Cycocel on Vegetative growth, flowering and yield of African marigold (*Tagetas erecta* L.). *Advances in Plant Sciences* 28(II):135-137.
3. Pal, S. Maji, Govind, R. Kumawat, **S. Kumar** and D C. Meena (2015). Efficacy of various sources of nutrients on growth, flowering, yield and quality of Tomato (*Solanum lycopersicum* L.) cv. AzadT-6. *The Bioscan* 10(1): 473-477.
4. **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.
5. 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.
6. 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.). *Environment & Ecology* 35(1):25-28.
7. 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.
8. *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.

9. 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.
10. 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.
11. *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.
12. 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.

#### Prof. Deepa H. Dwivedi:

1. Pawan Kumar, **Deepa H Dwivedi**, Shresh K Gautam and Namrta Singh (2015). Extraction of oil from cape gooseberry (*Physalis peruviana* L.) fruit pomace and its FTIR. *Trends in Bioscience* 8(23) :6581-6585
2. Shresh K Gautam, **Deepa H Dwivedi**, Pawan Kumar and Namrta Singh. (2015). Efficacy of Application of Wax, Mustard oil and BA for prolonging shelf life of guava (*Psidium guajava* L. Cv CISH G-1) during ambient storage. *Trends in Bioscience* 8(1) :17-22.
3. SK Meena, **Deepa H Dwivedi** and Udal Singh (2015). Effects of growing media on germination and plant survival of okra (*Abelmoschus esculentus* L. Moench.) cv Arka Anamika. *Agr for Sus Dev* 3(1): 87-90.
4. R Yadav, **DH Dwivedi**, Govind and S Maji.(2015). Effect of integrated nutrient management on growth and yield of onion (*Allium cepa* L.) cv Pusa Madhavi. *J Crop and Weed* 11(1): 49-53

5. **Deepa H Dwivedi**, Shyam Singh, Namrta Singh and Pawan Kumar (2015). Effect of plant bioregulator and chemical treatment on germination of papaya (*Carica papaya* L.) cv Pusa Nanha. **Prog Hort** Vol 47(2): 250-52

#### Dr. M. L. Meena

1. Kumar, K., Meena, M.L, Lal Deepa, Singh, M. and Meena , J.K. (2016). Impact of different levels of organic and inorganic fertilizers on growth and yield of garlic (*Allium sativum* L.). *Research in Environment and Life Sciences*. 09 (01): 8-10.
2. 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.
3. Ram, R. B.; Singh, A, and **Meena, M. L.** (2015). Efficacy of different sources of nutrients and bio-fertilizers on growth yield quality of onion. *International Research Journal of Natural and Applied Sciences*: 64-70
4. Singh,G.P., **Meena, M.L.** and Prakash, J.(2015).Effect of different level of nitrogen and cutting on growth, leaf yield and quality of spinach beet(*Beta vulgaris var. bengalensis*) cv. All Green. *European Journal of Biotechnology and Bioscience*, 3 (6): 38-42
5. Ram, R. B.; Kumar, Singh, A, Bharti, N., Lata, Rubee. and **Meena, M. L.** (2015). Potato: A wholesome food ,social Issues and health concern. *International Journal of Social Science and Development Policy*,1(1):43-51
6. Prakash, J. Ram, R. B.; and **Meena, M.L.** (2015). Genetic variation and characters inter-relationship studies for quantitative and qualitative traits in french bean ( *Phaseolus vulgaris* L.) under Lucknow Conditions. *Legume Research*, 38(4):425-433 (NAAS RATING 6.09) .
7. Ram, R. B.; Kumar, D.; Sonkar, P.; Lata, R. and **M. L. Meena.** (2015). Studies for the Standardization of stone grafting in six mango cultivars under Lucknow conditions of India. **Acta Hort.** (1066): 95-98.

#### Dr. Sutanu Maji

1. Govind, S Maji\*, R Kumawat, A Pal, S

Kumar and S Saha (2015). Improvement of growth, yield and quality of garlic (*Allium sativum* L.) cv. G-282 through a novel approach. *The Bioscan*. 10(1): 23-27.

2. S Maji\*, B C Das and S K Sarkar (2015). Efficacy of some chemicals on crop regulation of Sardar guava. *Scientia Horticulturae*. 188: 66-70.
3. J Kumar, S Kumar, S Maji, M Kumar and D Kumar (2015). Studies on effect of biofertilizers with chemical fertilizers on growth, yield and quality of fenugreek (*Trigonella foenum gracum* L.). *International Journal of Agricultural Sciences*. 11(1): 198-200.
4. R Yadav, D H Dwivedi, Govind and S Maji\* (2015). Effect of integrated nutrient management on growth and yield of onion (*Allium cepa* L.) cv. Pusa Madhvi. *Journal of Crop and Weed*. 11(1): 49-53.
5. A Pal, S Maji\*, Govind, R Kumawat, S Kumar and D C Meena (2015). Efficacy of various sources of nutrients on growth, flowering, yield and quality of tomato (*Solanum lycopersicum*) cv. Azad T-6. *The Bioscan*. 10(1): 473-477
6. V Tiwari, S Maji\*, S Kumar, Govind and R Yadav (2016). Kitchen waste management and its effect on strawberry (*Fragaria x ananassa* Duch) cv. Sweet Charlie production. *African Journal of Agricultural Research*. 11(4):259-265.

#### Dr. Ravi Shankar Verma:

1. Shiv Shankar Verma, **Ravi Shankar Verma**, Shivraj Kumar Verma, Sanjay Pathak (2015).Effect of Pre-Harvest Spray of CaCl<sub>2</sub>, K<sub>2</sub>SO<sub>4</sub> and GA<sub>3</sub> on Post Harvest Behaviour Of Ber cv Gola. *Environment & Ecology*.33(2):722-725.

#### c. National conference/journals/paper presentation (if any):

##### Prof. R. B. Ram:

1. Regional conference on Leadership for Academic Excellence in Higher Education, during April 25-26, 2016 at UGC-Human Resource Development Centre, Punjab University, Chandigarh
2. National Seminar on Ambedkar's vision on Inclusive Society (AVIS-2016), February 19,

2016 Organized by Centre for study of social exclusion and Inclusion policy (CSSEIP), BBAU, Lucknow

3. 9<sup>th</sup> South Asian University Festival, Saufest-2016, 25<sup>th</sup>-29<sup>th</sup> February, 2016, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
4. 3<sup>rd</sup>Lucknow Science Congress and National Conference on Science for Society an Interdisciplinary Approach, BBAU Lucknow
5. National conference on Climate change and sustainable development: emerging issues and mitigation strategies, Dept of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
6. National conference on Indian Botanic Gardens, National Botanical Research Institute, Lucknow, U.P.

#### **Dr. Sanjay Kumar**

1. Underutilized Legume Vegetables: Potential Source of Health & Nutritional Security National Symposium on Vegetable Legumes for Soil and Human Health at Indian Institute of Vegetable Research, Varanasi during Feb 12-14, 2016
2. Paper presented on "Organic Farming in Vegetables need for future" in 4<sup>th</sup> U. P. Agricultural Science Congress on "Strategic Governance and Technological Advancement for Sustainable Agriculture" 2-4 March, 2016 at CSAUAT, Kanpur.

#### **Dr. M. L. Meena**

1. Paper presented on Ensuring nutritional security through vegetables in 3<sup>rd</sup> Lucknow Science Congress, organised by BBAU, Lucknow 31 Oct -02 Nov. 2015

#### **Dr. Sutanu Maji**

1. 3<sup>rd</sup>Lucknow Science Congress and National Conference on Science for Society an Interdisciplinary Approach, BBAU Lucknow
2. National conference on Climate change and sustainable development: emerging issues and mitigation strategies, Dept of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.

3. National conference on Indian Botanic Gardens, National Botanical Research Institute, Lucknow, U.P.

#### **Dr. Ravi Shankar Verma:**

1. National Seminar on Ambedkar's vision on Inclusive Society (AVIS-2016), February 19, 2016 Organized by Centre for study of social exclusion and Inclusion policy (CSSEIP), BBAU, Lucknow
2. National conference on information security and challenges. Feb. 24, 2016 Organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow.
3. 9<sup>th</sup> South Asian University Festival, Saufest-2016, 25<sup>th</sup>-29<sup>th</sup> February, 2016, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.

#### **d. International conference/journals/paper presentation (if any):**

#### **Dr. Sanjay Kumar**

1. Paper presented on "Indigenous Techniques of Vegetable Nursery Raising is a Good Opportunity for Livelihood" in International Seminar on 'Indigenous Technologies for Sustainable Agriculture and Better Tomorrow' during 09-10 January, 2016 at Lucknow, India.

#### **Dr. M. L. Meena**

1. International conference on changing paradigm of management practices for sustainable development. March 05-06, 2016.
2. Two-day international seminar on globalization, environment and social justice: perspectives, issues and concerns. Feb. 15-16, 2016.

#### **Dr. Sutanu Maji**

1. International seminar on globalization, environment and social justice: perspective, issues and concerns, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
2. International seminar on Indigenous technologies for sustainable agriculture and better tomorrow, Samagra Vikash Welfare Society, NBRI, Lucknow

## 6. Participation in orientation/refresher course/workshop/seminar/conference:

### Prof. Sanjay Kumar

1. International Seminar on 'Indigenous Technologies for Sustainable Agriculture and Better Tomorrow' Lucknow, India during 09-10 January, 2016.
2. National Symposium on Vegetable Legumes for Soil and Human Health at Indian Institute of Vegetable Research, Varanasi during Feb 12-14, 2016
3. 4<sup>th</sup> U. P. Agricultural Science Congress on "Strategic Governance and Technological Advancement for Sustainable Agriculture" 2-4 March, 2016 at CSAUAT, Kanpur

### Dr. Sutanu Maji

1. Refresher course on Food science and biotechnology at Banaras Hindu University during 04-24 July, 2015
2. 3<sup>rd</sup> Lucknow Science Congress and National Conference on Science for Society an Interdisciplinary Approach, BBAU Lucknow
3. National conference on Climate change and sustainable development: emerging issues and mitigation strategies, Dept of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
4. National conference on Indian Botanic Gardens, National Botanical Research Institute, Lucknow, U.P.
5. International seminar on globalization, environment and social justice: perspective, issues and concerns, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
6. International seminar on Indigenous technologies for sustainable agriculture and better tomorrow, SamagraVikash Welfare Society, NBRI, Lucknow

## 7. Invited speaker/session chaired in National/International details (if any):

### Prof. R. B. Ram:

1. Chairperson in committee, 9<sup>th</sup> South Asian University Festival, Saufest-2016, 25<sup>th</sup>-29<sup>th</sup> February, 2016, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.

2. Chairperson in committee, 3<sup>rd</sup> Lucknow Science Congress and National Conference on Science for Society an Interdisciplinary Approach, BBAU Lucknow
3. Chairperson in committee, National conference on Climate change and sustainable development: emerging issues and mitigation strategies, Dept of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.

### Prof. Sanjay Kumar

- Rapporteur in 4<sup>th</sup> U. P. Agricultural Science Congress on "Strategic Governance and Technological Advancement for Sustainable Agriculture" 2-4 March, 2016 at CSAUAT, Kanpur.

### Dr. M. L. Meena:

- National conference on information security and challenges Feb. 24, 2016. Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow

### Dr. Sutanu Maji:

3<sup>rd</sup> Lucknow Science Congress and National Conference on Science for Society an Interdisciplinary Approach

### Dr. Ravi Shankar Verma

National conference on information security and challenges. Feb. 24, 2016 Organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow.

## 8. 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 - 03 (Continuing)

**9. 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 26<sup>th</sup> 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

**10. Google scholar profile (if available)**

**Prof. R. B. Ram:**

Citation indices	All	Since 2011
Citations	106	95
h-index	5	5
i10-index	2	2

**Prof. Sanjay Kumar**

Citations- 56                      h-index-                      4

**Prof. Deepa H. Dwivedi**

Citation indices	All	Since 2011
Citations	46	38
h-index	4	4
i10-index	1	1

**Dr. M. L. Meena:**

Citation indices	All	Since 2011
Citations	32	29
h-index	3	3
i10-index	0	0

**Dr. Sutanu Maji**

Citation indices	All	Since 2011
Citations	83	80
h-index	5	4
i10-index	1	1

## DEPARTMENT OF BIOTECHNOLOGY

### A. Name of School: School for Biosciences and Biotechnology (SB&BT).

### B. Brief Description of School:

The School offers Postgraduate studies and research programmes. Currently, the School has four departments, viz., Department of Applied Animal Science, Department of Biotechnology, Department of Pharmaceutical Science and Department of Plant Science offering M. Sc and Ph. D. programmes.

### C. Name of the Department: Department of Biotechnology (DBT).

### D. 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 neuro sciences.

Biotechnology, being a multidisciplinary subject, requires knowledge from various areas

of biological as well as technological sciences. It encompasses understanding of fundamental concepts and their applications in the area of Molecular biology, Cell Biology, Immunology, Microbiology, Biochemistry, Bioinformatics and Bio-processing.

Keeping in view the developing of modern applied aspect of the subject, Biotechnology has now become a multi-billion dollar industry. The teaching programme caters the requirement of Biotechnology Industry and Institutes in India and abroad.

The syllabus was revised in academic year 2009-2010 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.

The department is in the process of developing facilities conducive for training in the field of Biotechnology at par with that of international level. Faculty of the department is running various externally funded research projects from agencies like UGC, DST and DBT. Many distinguished scientists and eminent scholars from premier research institutes such as CSIR, ICAR, Indian and foreign Universities are invited to deliver lectures in their area of research interest from time to time. The students are exposed to both academics as well as extracurricular activities during their tenure.

### E. Citation Index of the Department (Overall):

Sl. No.	Name	Designation	Citation	h-index	i10-index
1.	Prof. M. Y. Khan	Professor	988	16	23
2.	Dr. D.R. Modi	Associate Professor	692	13	15
3.	Dr. Sangeeta Saxena	Associate Professor	470	12	13
4.	Dr. G. Sunil Babu	Assistant Professor	117	06	05
5.	Dr. Anand Prakash	Assistant Professor	596	10	10
6.	Dr. Monica Sharma	Assistant Professor	231	07	06

**F. Course Offered:**

- a) M. Sc Biotechnology.
- b) M. Sc Brain & Cognition Sciences.
- c) M. Sc Forensic Science & Criminology.
- d) Ph. D. Biotechnology.

**G. Faculty wise Supervision of the Ph. D.:**

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
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 <b>(Pre-Ph. D held on 17<sup>th</sup> February, 2016)</b>	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 Chharrigarh.	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 PaLCuV infection based on viral genomic variability	20-09-2013
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.	Ms. Neelam Verma	Dr. G. Sunil Babu	Dr. Gyan Chand, SGPGIMS, Lucknow.	Studies on HCMV miRNAs and their role in human antiviral mechanisms. <b>(New title on 14-08-2015)</b>	30-07-2012
16.	Mr. Alok Kumar	Dr. G. Sunil Babu	Dr. Pradyumn Singh	A study of newer prognostic epigenetic markers SRFP1 & IGFBP3 in colorectal carcinoma. <b>(modified on 14-08-15)</b>	23-09-2014
17.	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
18.	Mr. Abhishek Pandeya	Dr. G. Sunil Babu		Investigation(s) on the HCMV miRNA's role among the cellular death pathways. <b>(Title Not approved in DRC)</b>	13-08-2015
19.	Mr. Sarfraj Ah. Siddiqui	Dr. Anand Prakash		To study the role of different subsets of HDACs (Histone Deacetylases) in fear memory consolidation and extinction. <b>(modified on 21-04-2014)</b>	09-09-2012
20.	Mr. Atul	Dr. Anand Prakash		Identification and Characterization of Biomarkers using NMR based Metabolomics: Implication to Disease Diagnosis and Treatment Monitoring. <b>(modified on 21-04-2014)</b>	06-08-2012
21.	Mr. Sanjay Singh	Dr. Anand Prakash		Histone acetylation related enhanced expression of CREB target genes may underlie erasure of fear memory leading to extinction <b>(Title Not approved in DRC)</b>	13-08-2015

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

- a) Organized One Day National seminar on Socio Ethical Issues in Contemporary Biotechnology on 23-09-2015.
- b) Organized Lectures & Poster Presentation on 3<sup>rd</sup> Lucknow Science Congress in Department of Biotechnology on 01, 02-11-2015.
- c) Organized Lectures on National Science Day on 29-02-2016.

**I) Faculty Profile:**

Sl. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. M. Y. Khan	Professor & Head, DBT, Dean (SB&BT).	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 & Head, DBT and Dean (SB&BT).  
 Department : Biotechnology  
 Qualification : M.Sc. M. Phil., Ph.D.  
 Area of specialization : Enzyme Technology & Proteomics

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

- a) **Member, Advisory Committee** (Biotechnology), Council of Science & Technology, Uttar Pradesh, October 14, 2015 - continuing.
- b) An empanelled and active **Assessor** of the *National Assessment and Accreditation Council* (NAAC), Bangalore since February 2014.
- c) **Honorary Member, Board of Governors**, Azad Institute of Pharmacy & Research, Lucknow, July 16, 2011 - continuing

d) **Honorary Member, Board of Governors**, Azad Institute of Engineering & Technology, Lucknow, March 01, 2011 - continuing

**3. Research Publications:**

- a) **Book:**
  - Principles of Enzyme Technology. **M. Y. Khan** and Farha Khan PHI Learning Pvt. Ltd., Delhi, 2015.
- b) **Paper published:**
  - Antioxidant Enzymes in Rheumatoid Arthritis. Vivek Kumar, Jaya Prakash, Varsha Gupta and **M. Y. Khan**, J. Arthritis (2016) 5, 1-5, <http://dx.doi.org/10.4172/2167-7921.1000206>.
  - Do Human Papilloma Viruses Play Any Role in Oral Squamous Cell Carcinoma in North Indians?  
Vineeta Singh, Nuzhat Husain, Naseem Akhtar, Vijay Kumar, Shikha Tewari, Sridhar Mishra, Sanjeev Misra and **M. Y. Khan**

Asian Pac J Cancer Preve (2015), **16**, 7077-7084.

- Differential Histone Acetylation in the Amygdala Leads to Fear Memory Consolidation and Extinction.

Vandana Ranjan, Sanjay Singh, Sarfraz Ahmad Siddiqui, **M. Y. Khan** and Anand Prakash

Int. J. Sci. Tech. & Soc. (2015), 1, 43-49.

#### 5. Research Guidance:

- Role of Histone Acetylation & Deacetylation During Fear Consolidation and Extinction: Dr. Vandana Ranjan (2016), B. B. Ambedkar University, Lucknow.

#### 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.

### 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. **Award & Recognition (if any):** NA
2. Members of Board/Committee (outside BBAU)
  - a. Member, Board of Studies in Microbiology, Dr. R.M.L. Avadh University, Faizabad, U.P. from 2013 to 2016.

3. Details of Project Sanctioned/Executed (during 01.04.2015 to 31.03.2016):

- a. DST-NPDF to Dr. Madhukar Saxena (PDF/2015/000007) (19.2 Lac) from Department of Science and Technology, New Delhi 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"

#### 4. Research Publications (s):

- a. 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.
- b. BC Misra, SK Rath, DR Modi. (2015) Analysis of Single Nucleotide Polymorphisms (SNPs) in some Drug Metabolizing Genes in selected Indian sub Populations. CSIR-CDRI Thesis no. M-91 (2009).
- c. SK Shekhar, J Godheja, DR Modi. (2015) Hydrocarbon Bioremediation Efficiency by five Indigenous Bacterial Strains isolated from Contaminated Soils. *British Journal of Environmental Sciences* 3 (4), 27-39.
- d. A Jaiswal, N Prasad, V Agarwal, B Yadav, H Singh, DR Modi. (2015) Differential alteration in peripheral t regulatory and t effector cells with change in p glycoprotein expression in childhood nephrotic syndrome a longitudinal study. *Nephrology Dialysis Transplantation* 30 (suppl 3), iii104-iii104
- e. J Godheja, SK Shekhar, DR Modi. (2015) Biodegradation of One Ring Hydrocarbons (Benzene and Toluene) and Two Ring Hydrocarbons (Acenaphthene and Napthalene) by Bacterial Isolates of Hydrocarbon Contaminated Sites Located in Chhattisgarh: A Preliminary Study. *Journal of*

Petroleum & Environmental  
Biotechnology 6 (1), 1

## 5. Research Guidance:

- 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.
- Mr. Jai Godheja – Charectirization of benzene, toluene, naphthele and acenapthene degrading bacteria isolated from petroleum oil contaminated soil sediments located in Chhattisgarh and evaluation of their antibiotic and heavy metal resistance.
- Mr. Akhilesh Kumar Jaiswal - Immune profile of gulcocorticoid resistant nephritic syndromes patents.
- Mr. Nagendra Kumar Kharwar - Role of host factor in the pathogenesis of Guillain –Barre syndromes.
- Mr. Durgesh Dubey - NMR based metabolomics of synovial fluids from patients with reactive Arthritis (ReA) for identifying abnormal metabolic status
- Ms. Ekta Makhija – Role of insulin in maintenance of blood pressure by regulating nitric oxide production and its paracrine potential in renal epithelial cells.

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

- Association of Microbiologists of India - Life Member
- Biotech Research Society of India - Life Member
- Society of Biological Chemists, India - Life Member
- Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT) - Life Member
- Indian Science Congress - Life Member

## 7. Google Scholar Profile

Citation indices	All	Since 2011
Citations	695	512
h-index	13	10
i10-index	15	10

### Dr. Sangeeta Saxena

#### Faculty Details:-

Name	: Dr. Sangeeta Saxena
Designation	: Associate Professor
Qualification	: Post Doctorate: Molecular Biology Plant Biotechnology (fromSweden), 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-

Kavita, **Sangeeta Saxena**, Anupam Anand and M. Lal.(2015). Use of antibiotics to control bacterial contamination during in vitro micropropagation of sugarcane. **Agarica**. (An international Journal of Plant Science Researches). Vol 4, June 2015. Page No. 41-44. (ISSN No.2320-1193)NAAS Score 2.23)

#### Project:-

Role of miRNA(s) in *Carica papaya* leaf juice for accelerating blood platelet count during dengue fever (DH): An augment for Dengue therapy

**(Rs.10.44 lakh only)** Awarded by CST,UP to PI **Dr. Sangeeta Saxena (PI)** . 2015-2018

#### Presentation :-

**Delivered an invited lecture on “RNAi technology”** on September 9,2016 in a workshop on Recenet Trends in Bioinformatics and Computational Biology : An Introduction. during September 07-09,2016at Biotech Park, Lucknow

## 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

### Participation in orientation/refresher course/ workshop/ seminar/ conferences:

#### National:

1. Attended "UGC- sponsored Summer School (Refresher course)" held during 8<sup>th</sup> to 29<sup>th</sup> June 2016 by UGC-HRDC, University of Lucknow, Lucknow.
2. Attended **workshop on Fundamentals of animal Cell Culture** " held during 04-06 April 2016, organized by Institute of Bioinformatics, Bangalore.
3. Attended a workshop on "Current regulatory requirements for members of Institutional Ethics committee" jointly organized by CDSA, THSTI, DBT, Govt of India and Babu Banarasi Dass University, Lucknow.

#### International:

1. Attended 26<sup>th</sup> All India Congress of Zoology and International Symposium on "Innovation in Animal Sciences for food security, Health Security and Livelihood-2015" held during 29-31<sup>st</sup> October 2015 and delivered a lecture on "Does HCMV miRNA's target Autophagy?" organized by Babasaheb Bhimrao Ambedkar University, Lucknow.

### Oral/ poster presentations:

1. Poster presentation by Neelam Verma, and **Sunil. G. Babu** on "Human cytomegalovirus miRNA's target cell death pathways? In 3<sup>rd</sup> Lucknow Science Congress and National Conference on "Science for Society: An interdisciplinary approach" held during 29-31<sup>st</sup> October 2015.

2. Poster presentation by Alok Kumar, Pradyumn Singh and **Sunil. G. Babu** on "Methylation status of IGFBP3, SFRP1 and CIMP panel genes may be prognostic marker for Colorectal cancer" In 3<sup>rd</sup> Lucknow Science Congress and National Conference on "Science for Society: An interdisciplinary approach" held during 29-31<sup>st</sup> October 2015.

### Invited speaker/ session chaired in national/ International conferences:

1. Attended 3<sup>rd</sup> Lucknow Science Congress and National Conference on "Science for Society: An interdisciplinary approach" held during 29-31<sup>st</sup> October 2015 and delivered a lecture on " **HCMV miRNA's interplay among the Cellular death pathways- An in silico analysis**" organized by Babasaheb Bhimrao Ambedkar University, Lucknow  
**Research Guidance:** Nil.

## 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

- Isolated flavonoids from *Ficus racemosa* stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats. Amit K Keshan, Ghanendra Kumar, Priya S Kushwaha, Monika Bhardwaj,, Atul Rawat, **Anand Prakash**, Sudipta Saha, **I.F. 2.99**
- Differential Histone Acetylation in the Amygdala Leads to Fear Memory Consolidation and Extinction. Vandana Ranjan, Sanjay Singh, Sarfraz Ahmad Siddiqui, M. Y. Khan and **Anand Prakash**  
Int. J. Sci. Tech. & Soc. (2015), 1, 43-49.
- The effect of anti-diabetic drugs on the inflammatory cytokines in human in vitro subcutaneous adipocytes.  
Dr. Madhukar Saxena, Dinesh Raj Modi, Sanjay Singh, and **Anand Prakash**

- Effect of Glucose Feed on Cholesterol, Triglycerides and Lipoprotein Concentration in Preadipocytes and Adipocytes: An In-Vitro Study.

Dr. Madhukar Saxena, Dinesh Raj Modi, Sanjay Singh, and **Anand Prakash**

### Project Details:

Role of protease activated receptors in glioma migration and invasion	Department of Biotechnology, New Delhi	PI: Dr. Anand Prakash	25,79,800/-
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### International:

1. International Conference on “**New Technologies in Animal Sciences for Food, Health and Livelihood Security of Women, Rural Masses, and Scheduled Castes & Scheduled Tribes of North India**” held during 30-31<sup>st</sup> October 2015 and delivered a lecture on “**Role PAR-1 Receptors in Glioma Migration and Invasion**” organized by Babasaheb Bhimrao Ambedkar University, Lucknow.
2. International Conference on “**Biotechnological Advancement in Free Radical Biology and Medicine (ICBAFM)**” held during 14-16<sup>th</sup> November 2015 and delivered a lecture on “**Role of Glutamate Receptors in Glioma Migration and Invasion**” organized by Department Of Biosciences and Bioengineering, Integral University, Lucknow.

### 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

### Publication details of demonstrable research experience (Sharma M\*, as coresponding author):

1. **Sharma M\*** Bhalla TC (2015) Isolation and characterization of culture conditions of a thermoactive amidase from *Geobacillus pallidus* BTP-5x MTCC 9225. International Journal of Advanced Biotechnology and Bioinformatics 4 (1): 6-15.
2. **Sharma M\***, Rawat P, Mehta A (2015) Denovo Designing, Virtual Screening and Lead Optimization of Potential Drug Candidate for Herpes Disease. J Microb Biochem Technol 7: 367-373. doi:10.4172/1948-5948.1000240 (impact factor 2.5)
3. **Sharma M\***, Singh S, Sharma S (2015) New Generation Antibiotics/Antibacterials: Deadly Arsenal for Disposal of Antibiotic Resistant Bacteria. J Microb Biochem Technol 7: 374-379. doi:10.4172/1948-5948.1000241 (impact factor 2.5)
4. **Sharma M\***, Thukral N, Soni NK, Maji S (2015) Microalgae As Future Fuel: Real opportunities and challenges. Journal of thermodynamics and Catalysis 6:1 <http://dx.doi.org/10.4172/2157-7544.1000139> (impact factor 0.938)

### Abstracts in Conferences/Symposia

1. Sidharth Sharma, Sandeep Pathak and Monica Sharma\* (2016) 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). Heritage Institute of Technology, Kolkata.

**Membership of academic body:** Lifetime member of Association of Microbiologist of India (2005)

Citation Index:229

h-index-7

i-10 index-6

## DEPARTMENT OF PHARMACEUTICAL SCIENCES

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 (CROs), 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

	Name	Designation	Qualification	Area of Specialization
1	Dr. Shubhini A Saraf	Professor	M. Pharm. (pharmaceutics) PhD	Lipoidal nanotechnology, Drug delivery
2	Dr. Sudipta Saha	Assistant Professor	M. Pharm. (pharmaceutical chemistry), PhD	Pharmacokinetics, Cellular Toxicology
3	Dr.GauravKaithwas	Assistant Professor	M. Pharm. (pharmacology), PhD	Lipid Research, Inflammopharmacology

### Academic Activities of Faculty Members

#### Awards/honours/fellowships

##### 1. Prof Shubhini A Saraf

1. CSIR-CIMAP award for outstanding research publication 2015 as co author
2. Illustrious Alumnus Award, Dr Harisingh Gour University, Feb 2016
3. International Womens Day Award from Basic Facility for Women, BBAU, 2016

#### Books/Edited Books/Monographs

##### Dr. Sudipta Saha

#### Book Chapters

1. **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.

#### Papers/Articles in Journal (S) (Published and Accepted with Thomson Reuter Impact factor)

##### Prof Shubhini A Saraf

1. Agnihotri, J., **Saraf, S.**, Singh, S., & Bigoniya, P. (2015). Development and evaluation of anti-malarial bio-conjugates: Artesunate-loaded nanoerythroosomes. *Drug Delivery and Translational Research*, 5(5), 489-497. **IF 1.887**

2. Dubey, S., Saha, S., Kaithwas, G., & Saraf, S. (2015). Effect of standardized fruit extract of luffa cylindrica on oxidative stress markers in hydrogen peroxide induced cataract. *Indian Journal of Pharmacology*, 47(6), 644-648. **IF 0.599**
3. Dubey, S., Saha, S., & Saraf, S. A. (2015). In vitro anti-cataract evaluation of standardised abies pindrow leaf extract using isolated goat lenses. *Natural Product Research*, 29(12), 1145-1148. **IF 1.057**
4. Gupta, S. K., Gautam, S., Rawat, J. K., Singh, M., Saraf, S. A., & Kaithwas, G. (2015). Efficacy of variable dosage of aspirin in combating methotrexate-induced intestinal toxicity. *RSC Advances*, 5(13), 9354-9360. **IF 3.840**
5. Kushwaha, P. S., Raj, V., Singh, A. K., Keshari, A. K., Saraf, S. A., Mandal, S. C., . . . Saha, S. (2015). Antidiabetic effects of isolated sterols from ficus racemosa leaves. *RSC Advances*, 5(44), 35230-35237. **IF 3.840**
6. Sharma, N., Gautam, S., Devi, U., Singh, M., Rawat, J. K., Sethi, . . . Saraf, S. A., Kaithwas, G. (2015). Preclinical appraisal of terbutaline analogues in precipitation of autism spectrum disorder. *RSC Advances*, 5(49), 39003-39011. **IF 3.840**
7. Tripathi, A. C., Saraf, S. A., & Saraf, S. K. (2015). Carbon nanotubes: A contemporary paradigm in drug delivery. *Materials*, 8(6), 3068-3100. **IF 2.728**
8. Deepika Rawat, Chandra Bhushan Tripathi, Poonam Parashar, Gaurav Kaithwas, Shubhini A Saraf. Development and Characterization of Nanostructured Lipid Carriers of Vetiveria zizanioides Oil for Therapeutic Potential in Prickly Heat Treatment. *Journal of Pharmaceutical Sciences and Pharmacology* Vol. 2, 162-171, 2015.
9. Bhardwaj, A., Dwivedi, H., Kymonil, K. M., Pareek, A., Upadhyay, S. C., Tripathi, C. B., & Saraf, S. A. (2016). Solubility enhancement of boswellia serrata roxb. ex colebr. extract through a self dispersible lipidic formulation approach. *Indian Journal of Natural Products and Resources*, 7(1), 9-18. (ESCI)
10. Kanoujia, J., Singh, M., Singh, P., Parashar, P., Tripathi, C. B., Arya, M., & Saraf, S. A. (2016). Genipin crosslinked soy-whey based bioactive material for atorvastatin loaded nanoparticles: Preparation, characterization and: In vivo antihyperlipidemic study. *RSC Advances*, 6(96), 93275-93287. **IF 3.840**
11. Kanoujia, J., Singh, M., Singh, P., & Saraf, S. A. (2016). Novel genipin crosslinked atorvastatin loaded sericin nanoparticles for their enhanced antihyperlipidemic activity. *Materials Science and Engineering C*, 69, 967-976. **IF 3.420**
12. Singh, M., Kanoujia, J., Singh, P., Parashar, P., Arya, M., Tripathi, C. B., . . . Saraf, S. A. (2016). Development of an  $\alpha$ -linolenic acid containing soft nanocarrier for oral delivery: in vitro and in vivo evaluation, *RSC Advances* 6, 77590-77602 **IF 3.840**
13. Singh, M., Kanoujia, J., Singh, P., Parashar, P., Arya, M., Tripathi, C. B., . . . Saraf, S. A. (2016). Development of an  $\alpha$ -linolenic acid containing a soft nanocarrier for oral delivery-part II: Buccoadhesive gel. *RSC Advances*, 6(103), 101602-101612. **IF 3.840**
14. Singh, P., Arya, M., Kanoujia, J., Singh, M., Gupta, K. P., & Saraf, S. A. (2016). Design of topical nanostructured lipid carrier of silymarin and its effect on 7,12-dimethylbenz[a] anthracene (DMBA) induced cellular differentiation in mouse skin. *RSC Advances*, 6(88), 84965-84977. **IF 3.840**
15. Singh, P., Singh, M., Kanoujia, J., Arya, M., Saraf, S. K., & Saraf, S. A. (2016). Process optimization and photostability of silymarin nanostructured lipid carriers: Effect on UV-irradiated rat skin and SK-MEL 2 cell line. *Drug Delivery and Translational Research*, 6(5), 597-609. **IF 1.887**
16. Singh, S., Singh, M., Tripathi, C. B., Arya, M., & Saraf, S. A. (2016). Development and evaluation of ultra-small nanostructured lipid carriers: Novel topical delivery system for athlete's foot. *Drug Delivery and Translational Research*, 6(1), 38-47. **IF 1.887**
17. Kumar, A., Gautam, S., Rawat, J. K., Singh, M., Saraf, S. A., & Kaithwas, G. (2016). Effect of palonosetron (5HT-3 antagonist) and pantoprazole (proton pump inhibitor) against surgical esophagitis induced by forestomach and pylorus ligation in albino

- rats. *Human and Experimental Toxicology*, 35(1), 41-50. **IF1.747**
18. Mishra, R. K., Sammi, S. R., Rawat, J. K., Roy, S., Singh, M., Gautam,..... **Saraf, S. A.**, Kaithwas, G. (2016). Palonosetron attenuates 1,2-dimethyl hydrazine induced preneoplastic colon damage through downregulating acetylcholinesterase expression and up-regulating synaptic acetylcholine concentration. *RSC Advances*, 6(46), 40527-40538. **IF 3.840**
  19. Singh, M., Devi, U., Roy, S., Gupta, P. S., **Saraf, S. A.**, & Kaithwas, G. (2016). Prolyl hydroxylase mediated inhibition of fatty acid synthase to combat tumor growth in mammary gland carcinoma. *Breast Cancer*, 23(6), 820-829. **IF 1.170**
  20. Tiwari, V., Singh, M., Rawat, J. K., Devi, U., Yadav, R. K., Roy,..... **Saraf, S. A.**, Kaithwas, G. (2016). Redefining the role of peripheral LPS as a neuroinflammatory agent and evaluating the role of hydrogen sulphide through metformin intervention. *Inflammopharmacology*, 24(5), 253-264. **IF 2.304**
  21. Gautam, R., Singh, M., Gautam, S., Rawat, J. K., **Saraf, S. A.**, & Kaithwas, G. (2016). Rutin attenuates intestinal toxicity induced by methotrexate linked with anti-oxidative and anti-inflammatory effects. *BMC Complementary and Alternative Medicine*, 16(1) **IF 1.987**
  22. Gautam, S., Roy, S., Ansari, M. N., Saeedan, A. S., **Saraf, S. A.**, & Kaithwas, G. (2016). DuCLOX-2/5 inhibition: A promising target for cancer chemoprevention. *Breast Cancer*, , 1-11. **IF 1.170**
  23. 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* (In Press)**IF-1.88**
  24. 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**
- Dr Sudipta Saha**
1. AK Keshari, G Kumar, PS Kushwaha, P Kumar, A Rawat, D Kumar, A Prakash, B Ghosh, **S Saha\***. Isolated flavonoids from *Ficus racemosa* stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats. **Journal of Ethnopharmacology 2016, 181, 252-262. (Thomson Reuter Impact factor: 3.055 in Year 2016)**. ISSN No. 0378-8741. Publisher: Elsevier Science Direct.
  2. PS Kushwaha, V Raj, AK Singh, AK Keshari, SA Saraf, SC Mandal, RK Yadav, **S Saha\***. Antidiabetic effects of isolated sterols from *Ficus racemosa* leaves. **RSC Advances, 2015, 5, 35230-35237. (Thomson Reuter Impact factor: 3.289 in Year 2016)**. ISSN No. 2046-2069. Publisher: Royal Society of Chemistry
  3. P Kumar, A Rawat, AK Keshari, AK Singh, S Maity, A De, A Samanta, **S Saha\***. Antiproliferative effect of isolated isoquinoline alkaloid from *Mucuna pruriens* seeds in hepatic carcinoma cells. **Natural Product Research, 2016, 30, 460-463. (Thomson Reuter Impact factor: 1.057 in Year 2016)**. ISSN No. 1478-6419. Publisher: Taylor and Francis.
  4. 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, Accepted manuscript, 2016 (Ref. No. ACAMC-BSP-ACAMC-2016-858). **(Thomson Reuter Impact factor: 2.722 in Year 2016)**. ISSN No. 1871-5206. Publisher: Bentham Science.
  5. N Gangwar ·M Singh ·P Parashar, M Arya, CK Tripathi, SA Saraf, **S Saha\***. Topical Delivery of Fluconazole via Microemulsion Incorporated Hydrogel for the Management of Fungal Dermatophytosis. *Current Drug Therapy*, Accepted manuscript, 2016 (Ref. No. BSP-CDTH-2016-119). **(Peer reviewed Pubmed Indexed Journal)**. ISSN No. 2212-3903. Publisher: Bentham Science.
  6. S Dubey, **S Saha**, SA Saraf. In vitro anti-cataract evaluation of standardised *Abies pindrow* leaf extract using isolated goat lenses. **Natural Product Research, 2015, 29, 1145-1148. (Thomson Reuter Impact factor:**

- 1.057 in Year 2016). ISSN No. 1478-6419. Publisher: Taylor and Francis.
7. PS Kushwaha, AK Singh, AK Keshari, S Maity, **S Saha\***. An Updated Review on Phytochemistry, Pharmacology and Clinical Trials of *Salacia oblonga*. Phcognosy Review 2016, 10, 109-114. (**Pubmed Indexed Journal**). ISSN No. 0976-2787. Publisher: Medknow.
  8. Antidiabetic and hypolipidemic effect of *Ficus racemosa* petroleum ether extract in albino Wistar Rats. RK Yadav, AK Keshari, AK Singh, **S Saha\***. International Journal of Pharmacy and Pharmaceutical Sciences, 2015, 7, 283-287. (**Pubmed Indexed Journal**). ISSN No. 0975-1491.
  9. Phytochemistry, pharmacology, toxicology, and clinical trial of *Ficus racemosa*. RK Yadav, BC Nandy, S Maity, S Sarkar, **S Saha\***. Phcognosy Review 2015, 9, 73-80. (**Pubmed Indexed Journal**). ISSN No. 0976-2787. Publisher: Medknow.
  10. Human Metabolic Enzymes Deficiency: A Genetic Mutation Based Approach. S Chaturvedi, AK Singh, AK Keshari, S Maity S Sarkar, **S Saha\***. Scientifica Volume 2016, Article ID 9828672, 14 pages. **Pubmed Indexed Journal**, Publisher: Hindawi.
- Dr Gaurav Kaithwas**
1. 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**.  $\alpha$ -Chymotrypsin Regulates Free Fatty Acids and UCHL-1 to Ameliorate N-Methyl Nitrosourea Induced Mammary Gland Carcinoma in Albino Wistar Rats. Inflammopharmacology. 2016 (In Press), (**IF-2.304**).
  2. 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. Journal of Physiology and Biochemistry. 2016 (In press), (**IF-2.054**).
  3. 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. 2016. DOI 10.1007/s40489-016-0088-7.(In Press)
  4. 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. (**IF-1.170**).
  5. 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 (**IF- 2.304**).
  6. 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  $\alpha$ -sitosterol against methyl nitrosourea-induced mammary gland carcinoma in albino rats. BMC Complementary and Alternative Medicine (2016) 16:260 DOI 10.1186/s12906-016-1243-5 (**IF-2.04**).
  7. Kumar V, Bhatt PC, **Kaithwas G**, Rashid M, Anwar F, Verma A.  $\alpha$ -Mangostin Mediated Pharmacological Modulation of Hepatic Carbohydrate Metabolism in Diabetes Induced Wistar Rat. Beni-Suef University Journal of Basic & Applied Sciences, 2016.
  8. Kumar V, Bhat PC, Sharma K, Sethi N, Kumar A, Sachan NK, **Kaithwas G**, Anwar F, Verma A, Ai-Abbassi FA. Melastoma Malabathricum Linn Attenuates Complete Freund's Adjuvant-Induced Chronic Inflammation in Wistar rats via Inflammation Response. BMC Pharmacology & Toxicology, 2016.(In Press) (**IF-2.61**)

9. Pandey P, Bhatt PC, **Kaithwas G**, Verma A, Anwar F, Kumar V.  $\alpha$ -Mangostin Attenuates Tumor Proliferation Via Modulation of Antioxidant System in Balb/C Mice Bearing Ehrlich Ascites Carcinoma. *Interdisciplinary Toxicology*, 2016.(In Press ) **(IF-1.056)**
10. 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*, 2016, DOI 10.1007/s12282-016-0683-6. **(IF-1.170)**.
11. Rakesh Kumar Mishra, Shreesh Raj Sammi, Jitendra K Rawat, Subhadeep Roy, Uma Devi, Swetlana Gautam, Manjari Singh, Rajnish Kumar Yadav, Md. Nazam Ansari, Abdulaziz S Saeedan, Rakesh Pandey, Shubhini A Saraf and **Gaurav Kaithwas**. Palonosetron attenuates 1,2-dimethyl hydrazine induced preneoplastic colon damage through down-regulating acetylcholinesterase expression and up-regulating synaptic acetylcholine concentration. *RSC Advances*, 2015. **(IF-3.94)** (DOI: 10.1039/C6RA04614B).
12. 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. **(IF- 2.04)**.
13. Suchita Dubey, Sudipta Saha, **Gaurav Kaithwas**, Shubhini A Saraf. Effect of standardized fruit extract of *Luffa cylindrica* on oxidative stress markers in hydrogen peroxide induced cataract. *Indian Journal of Pharmacology* 47(6) November 2015. **(IF-1.345)**
14. Deepika Rawat, Chandra Bhushan Tripathi, Poonam Parashar, **Gaurav Kaithwas**, Shubhini A Saraf. Development and Characterization of Nanostructured Lipid Carriers of *Vetiveria zizanioides* Oil for Therapeutic Potential in Prickly Heat Treatment. *Journal of Pharmaceutical Sciences and Pharmacology* Vol. 2, 162-171, 2015.
15. 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* (In Press) **(IF-1.88)**
16. Neha Sharma, Swetlana Gautam, Uma Devi, Manjari Singh, Jitendra K Rawat, Nikunj Sethi, Shubhini A Saraf, **Gaurav Kaithwas**. Preclinical appraisal of terbutaline analogues in precipitation of autism spectrum disorder. *RSC Advances*, 2015 (DOI: 10.1039/C5RA04213E) **(IF- 3.78)**.
17. Arvind Kumar Giri, Jitendra K Rawat, Manjari Singh, Swetlana Gautam, **Gaurav Kaithwas\***. Effect of lycopene against gastroesophageal reflux disease in experimental animals. *BMC Complement Altern Med*. 2015; 15: 110. **(IF- 2.04/)**
18. Arun Kumar, Manjari Singh, Swetlana Gautam, Jitendra K Rawat, Shubhini A Saraf, **Gaurav Kaithwas\***. Effect of palonosetron (5HT-3 antagonist) and pantoprazole (PPI) against surgical esophagitis induced by forestomach and pylorus ligation in albino rats. *Human and Experimental Toxicology*, 2015.( doi: 10.1177/0960327115575759) **(IF- 1.71)**
19. Sukesh K Gupta, Swetlana Gautam, Manjari Singh, Jitendra K Rawat, Shubhini A Saraf and **Gaurav Kaithwas\*** Efficacy of Variable Dose of Aspirin to Combat Methotrexate Induced Intestinal Toxicity in Albino Rats. *RSC Advances*. 2015,5, 9354-9360. **(IF- 3.84)**

### Lectures Delivered

#### Prof Shubhini A Saraf

1. Smart nanomaterial in drug delivery, Smart material in drug delivery, 9-23rd Jan 2016 United Institute of Pharmacy, Naini, Allahabad.
2. Polymeric and lipid nanomaterial for drug delivery, International Conference ICOFMAETICS-2016, 9th Feb. 2016, CSJM University, Kalyanpur, Kanpur
3. Bioactive Polymers in Novel Drug delivery: Expanding horizons, International Conference on "Innovations in pharmaceutical Sciences", 27th Feb. 2016, Sri Aurobindo Institute of Pharmacy, Indore

4. Smart instrumentation technologies in healthcare, International Conference Exploring Opportunities and Future Avenues in Pharmaceutical Sciences, 23rd-25th, Feb. 2016 Azad Technical campus, Lucknow
5. Ethics in publishing, writing and research, ICSSR sponsored Workshop On Research Methodology, 15th-24th Feb 2016, Department of rural management , BBAU
6. Empowerment of women , the path ahead, Visualization of Dr Ambedkar for empowerment of women in India: Issues and prospects, 8-9th March 16, BBAU, Lucknow
7. Ethics in pharmaceutical writing, National workshop, 10th March' 16, KGPC, Jabalpur
8. Pharmacy profession, the way ahead! Career opportunities for pharmacy students: A seminar, 25th June'2016, Rani Durgavati University, Jabalpur
9. Nutraceuticals-let food be your medicine, Nutrition week, 1st Sept, 2016, HD&FS, BBAU, Lucknow
10. Nanoformulations, Ho, When, Why, Annual Invited lecture series, 24th October, 2016, Government polytechnic college, Bhopal

#### Dr. Gaurav Kaithwas

1. Title of Lecture: Terbutaline siblings and autistic spectrum disorder: Toxicity Revisited Title of Conference: International Pharmaceutical Conference-2015, Nanoformulations and Translational Research: Small Getting Bigger Organized by: Department of Pharm Sc, BBA University
2. Title of Lecture: Revisiting the role of paracetamol and exotoxin/endotoxin combination in precipitation of autistic like features in infant albino rats. Title of Conference: 7th NIPER (RBL)-CSIR-CDRI Symposium on "Current Scenario in Drug Discover & Development Organized by: Central Drug Research Institute, Lucknow
3. Title of Lecture: Art of Publishing Myths and Facts Title of Conference: Importance of publishing Articles Organized by: Pranveer Singh Institute of Technology, GBTU, Kanpur

4. Title of Lecture: Pharmaceutical Drug Development and Review Process Title of Conference: National Seminar on "Trends in Research and Innovations in Life Sciences at Undergraduate Level Organized by: Department of Zoology, Deen Dayal Upadhyaya College (University of Delhi), New Delhi
5. Title of Lecture: New Paradigms in Pharmaceutical Education: Title of Conference: National Seminar on "Role of Pharmaceutical Education in Public Health Organized by: Chandra Shekhar Singh College of Pharmacy, Allahabad

#### Projects

1. **Prof Shubhini A Saraf; Co PI**, Study of ICT/innovation enabled health care facilities, in the rural, semi-urban and urban milieu for affordable healthcare, DST sponsored Centre for policy research, BBAU, Lucknow

#### Dr. Gaurav Kaithwas

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

#### Dr. Sudipta Saha

1. UGC, Major Research Project. Isolation, characterization and pharmacological screening of antidiabetic bioactive substances from medicinal plants. (10.98 Lakhs, Ongoing).
2. SERB, Department of Science and Technology, *in vitro* hepatoprotective and anticancer activity and *in vivo* pharmacokinetics studies of Betulinic acid nanoparticles. (25.00 Lakhs, Ongoing).

#### Membership in various Government and other Bodies.

##### Prof Shubhini A Saraf

1. Member Research Degree Committee of Pharmacy, for A K Technical University, Lucknow. 2015-16.
2. Inspector for Pharmacy Council of India (PCI)
3. Member BOS, Deptt of Pharm. Sciences, MJP Rohilkhand University, Bareilly

4. Member BOS, Deptt of Pharm. Sciences , Banasthali Vidyapeeth, Banasthali

### Membership in BBAU

#### Prof Shubhini A Saraf

- 1) Chairman, BPGS, Dept. of Pharm .Sc, BBAU, Lucknow
- 2) Chairman, Departmental Research Committee of Pharmacy, BBAU, Lucknow.
- 3) Member , School Board, SB&BT, BBAU
- 4) Member,Academic Council,BBAU

#### Dr. Sudipta Saha

- (i) Member of DRC of the Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

#### Dr. GauravKaithwas

- (i) Member in Board of Studies of Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
- (ii) Member of DRC of the Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

### Paper Presented In Seminars/Conferences/Workshops.

#### Prof Shubhini A Saraf

1. Silymarin Nanoparticles for skin, Drug Delivery Australia, Nov 2015, Control Release Society ,Brisbane, Australia,

### Patent (Applied) in India

#### Dr. Sudipta Saha

- 1) AK Singh, **S Saha**, AK Kesari, SA Saraf, **D**

**Kumar, A Prakash, "Indolo Fused Pyrido-oxazepine and its derivatives for the Treatment of Hepatocellular Carcinoma"** Indian Patent Application (2016), Number: 201611016493.

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

#### Prof Shubhini A Saraf

1. Indian Pharmaceutical Association (IPA)
2. Indian Pharmaceutical Graduate Association (IPGA)
3. Society of Pharmacovigilance (INDIA) (ISP)
4. Laboratory Animal Science Association of India (LASAI)
5. Association of Pharmacy Teachers of India (APTI)

#### Dr. Gaurav Kaithwas

1. Association of Pharmacy Teachers of India
2. Science Advisory Board (USA)
3. Laboratory Animal Science Association of India (LASAI)

### Research Contribution

#### Prof Shubhini A Saraf

Guided 13 M. Pharm thesis in 2015-16.

#### Dr. Sudipta Saha

Guided 13 M. Pharm thesis in 2015-16.

#### Dr. GauravKaithwas

Guided 13 M. Pharm thesis in 2015-16

## SCHOOL FOR ENVIRONMENTAL SCIENCES

The School for Environmental Sciences (SES) represents an interdisciplinary school of international repute with the objective to inculcate reasoning, innovation, critical analysis and problem solving approach to achieve sustainable environment on earth. A need for better and safer environment has been realized recently, more than ever before, as the problem of contamination of water, soil and atmosphere by toxic substances is leading to loss of productivity and increasing health hazards. Water crises, energy depletion, global warming, loss of biodiversity, deforestation and an overall imbalance in ecosystems are increasing day-by-day. The School of Environmental Science was established in the year 1997 with an aim to promote and prepare

passionate professionals who could drive positive change in the areas of resource sustainability, conservation of resources, development of clean and green technology, and also offer leadership in the field of environment. Presently the SES is having two full fledged departments i.e., Department of Environmental Science and Department of Environmental Microbiology, housed in palatial building equipped with latest State-of-Art laboratories. There are about 13 well qualified, faculty members. The school is running five full time post-graduate programmes with major emphasis on excellent training to students in their respective field of study which also provides ample opportunities for personality development of student.

### DEPARTMENT OF ENVIRONMENTAL SCIENCES

Department of Environmental Science is presently offering two P.G. programmes i.e., M.Sc. in Environmental Science as well as P.G. degree 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 50 P.G. students and more than 27 Ph.D. scholars 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 Sciences 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 Science (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 four 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 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
<b>Prof. D.P. Singh</b>	Head (DES)& Dean, SES	M.Sc., Ph.D.	Environmental Microbiology/Stress Physiology
<b>Prof. Rana Pratap Singh</b>	Professor	M.Sc., Ph.D.	Sustainable Agriculture, Slow Release Fertilizers, Bioremediation and EIA
<b>Prof. S.K. Dwivedi</b>	Professor	M.Sc., Ph.D.	Microbiology Ecology, Environmental Microbiology
<b>Mr. N.K.S. More</b>	Associate Professor	M.Sc., M.Phil	Cell & Developmental Biology, Toxicology
<b>Dr. Shikha</b>	Assistant Professor	M.Sc., Ph.D.	Environmental Microbiology
<b>Dr. Narendra Kumar</b>	Assistant Professor	M.Sc., Ph.D.	Water Pollution and Impact Assessment
<b>Dr. Venkatesh Dutta</b>	Assistant Professor	M.Sc., Ph.D.	Environmental Management, EIA, Modelling, Water Res. Management
<b>Dr. Richa Kothari</b>	Assistant Professor	M.Sc., M.Phil, Ph.D.	Renewable energy and wastewater Treatment Technology.

### Academic details/activities of the Faculty of the Department: Book(s)/Book Chapter(s) Authored/Edited Book/Monograph(s) -

#### Books

#### Prof. D.P. Singh

1. J.S. Singh and D.P. Singh (2016). Microbes in Sustainable Management of Soil, Water and Agriculture. Studium press (USA) Pvt. Ltd. (In Press). ISBN: 978-93-80012-83-4
2. D.P. Singh, Richa Kothari and V. Tyagi (2016). Emerging Energy Alternatives for Sustainable Environment. TERI Press. (In Press). ISBN: 9788- 1799- 34111

#### Dr. Richa Kothari

1. Emerging Energy Alternatives For Sustainable Environment; EDITED BOOK, 2016, Editors: D.P.Singh, Richa Kothari, V.V.Tyagi; TERI Publication with MoEF and ENVIS., 978-81-7993-411-1

#### Prof. Rana Pratap Singh

1. Biotechnological Approaches for Mitigation of Climate Change (2015) Jaiwal P.K., Singh R.P. and Dhankher O.P. (Ed.) Springer

## Book Chapter

### Prof. D.P. Singh

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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
7. 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
8. 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
9. 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.
10. 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
11. 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
12. 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).
13. 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)
14. 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.

### Prof. Rana Pratap Singh

1. Baudhdh K., Sainger M., Kumar S., Sainger P.A., Jaiwal P.K. and Singh R.P.(2016). Biotechnological Approaches to Mitigate Adverse Effects of Extreme Climatic Factor on Plant Productivity, in P.K. Jaiwal et al. (eds.), *Genetic Manipulation in Plants for Mitigation of Climate Change*, Springer, DOI 10.1007/978-81-322-2662-8\_9 in press.

**Prof. S.K. Dwivedi**

1. **Dwivedi S.K.**, Sangeeta and Ram Gopal (2015). Biofuel: as sustainable energy source. (Accepted).
2. 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)
3. **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. RajarshiTondon Open University, Allahabad. (In press).

**Dr. Shikha**

1. 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, Springer, (DOI 10.1007/978-981-10-1866-4)
2. 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, (DOI 10.1007/978-981-10-1866-4)
3. 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, D. P. Singh, S. C. Barman and Narendra Kumar (2016), Heavy metal and their regulation in plant system: An overview. Springer, New York. In Press.
2. 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
3. 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
4. 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.
5. Dhananjay Kumar, Poonam, Kuldeep Bauddh, Jaya Tiwari, D. P. Singh and Narendra Kumar Ricinus Communis: An ecological engineer and a biofuel resource. Springer, New York.

**Dr. Richa Kothari**

1. Algae based biohydrogen: current status of bioprocess routes, economical assessment and major bottlenecks; Richa Kothari, Arya Pandey, Virendra Kumar, V.V. Tyagi, 77-86,2015, Editors: Singh Bhaskar, Bauddh Kuldeep, Bux, Faizal (Eds.) Algae Environment Sustainability; Springer(UK), 978-81-322-2641-3

**1. Details of the Project Sanctioned/Executed (during 01.04.2015-31.03.2016)**

Name of the Title	Funding Agency	Duration	PI/Co-PI Amount (Rs.)
"NUE in wheat on application of conventional chemical fertilizers, bio-fertilizers and organic matrix entrapped granular fertilizer at different irrigation levels	UGC-MRP	3 years	Prof. Rana Pratap Singh, ; 15, 5000/-

**Research Publication (s)****National / International Conference/Journal/  
Paper Presentation****Prof. D.P. Singh**

1. B. Kumari and D P Singh (2016) A review on multifaceted application of nanoparticles in the field of bioremediation of petroleum hydrocarbons. *Ecol. Engineering* 97, 98-105. IF- 3.2, Citation Indices-0
2. M.Barsainya and D P Singh (2016) Effect of secondary metabolites produced by *Pseudomonas aeruginosa* in suppression of root rot of green Gram (*Vigna radiata* (L.) in salinized soil. *Asian Jr. of Microbiol. Biotech. Env. Sc.* 18 (2) : 227-237
3. Arun, N. and D P Singh (2014) A review on Pharmacological applications of halophilic alga *Dunaliella*. *Ind. J. Geo-Marine Science.* 45:440-447. IF-0.40, Citation Indices-03
4. M. Barsainya and D.P. Singh (2016) Antifungal characteristics of zinc tolerant *Rhizobacterium Pseudomonas aeruginosa*: Role of Zn induced production of secondary metabolites. *CLEAN - Soil, Air, Water* (Accepted). IF- 1.71
5. Manjari Barsainya, Prem Chandra and D. P.Singh(2016) Investigation of Cr (VI) Uptake in Saline Condition Using Psychrophilic and Mesophilic *Penicillium* sp. *Int.J.Curr.Microbiol.App.Sci* 5(1): 274-288
6. Rima Kumari, J.S. Singh and D. P Singh (2016) Biogenic synthesis and spatial distribution of silver nanoparticles in the legume mungbean plant (*Vignaradiata* L.). *Plant Physiology and Biochemistry* doi: 10.1016/j.plaphy.2016.06.001. IF- 2.7, Citation-0
7. J.S. Singh, Arun Kumar, A. N. Rai and D. P. Singh (2016) Cyanobacteria: A precious bio-resource in agriculture, ecosystem and environmental sustainability. *Frontiers in Microbiology*. <http://dx.doi.org/10.3389/fmicb.2016.00529> IF 4.0, Citations-0
8. Dwivedi G. R, Sanchita, D. P. Singh, Sharma A, Darokar M. P., Srivastava S. K. (2016). Nano Particles: Emerging Warheads against Bacterial Superbugs, *Current topics in Medicinal chemistry*, 16, 1963-1975 IF 3.45, Citation indices - 0.
9. Arif Yaqoob, M. Yunus<sup>2</sup>, G. A. Bhat, D.P. Singh (2015) Phytodiversity and Seasonal Variations in the Soil Characteristics of Shrublands of Dachigam National Park, Jammu and Kashmir, India. *Climate Change and Environ. Sustainability*, 3(2): 1370-143
10. B. Kumari, S.N. Singh and D.P. Singh (2015). Induced degradation of crude oil mediated by microbial augmentation and bulking agents. *Int J. Environ. Sci. Tech.* 13 (4): 1029-1042 IF-2.190.
11. Pathak V.K, Kothari R., Chopra A.K. and Singh D.P. (2015). Experimental and kinetic studies for phycoremediation and dye removal of *Chlorella pyrenoidosa* from textile wastewater. *J. Env. Management* 163, 270-277. IF-2.78, Citation Index-0
12. R. Kumar, V.K. Jaiswal, R. Kothari, S.K. Singh and D.P. Singh (2015) Emerging trends of solar cooling in India : A review. *HCTL Open Int. J. of TechnolInnovat. and Res*, 14: e-ISSN: 2321-1814 <http://ijtir.hctl.org/>
13. Shashank Tiwari, J.S. Singh and D.P. Singh (2015) Methanotrophs and methane sink: Effect of human activity and ecological perturbations. *Climate Change and Environmental Sustainability* 3(1), 35-50.
14. Sonal Dixit and D.P. Singh (2015) Differential response of Photosynthetic apparatus of cyanobacterium *Nostoc muscorum* against Pb and Cd toxicity. *Photosynthetica*, 53(2), 223-230: IF- 1.41, Citation indices - 0

**Prof. Rana Pratap Singh**

1. Awasthi, Ashutosh, Singh, Kripal, Grady, Audrey O, Courtney, Ronan, Kalra, Alok, Singh, Rana Pratap, Cerda, Artemi, Steinberger, Yosef and Patra, D.D (2016), Designer ecosystems: A solution for the conservation-exploitation dilemma, *Ecological Engineering*. 93, 73-75. [Impact Factor: ISI=3.231]
2. Baudhdh, Kuldeep, Singh, Kripal, Singh Bhaskar, Singh, R.P. (2015). *Ricinus communis*: A robust plant for bio-energy and phytoremediation of toxic metals from contaminated soil. *Ecological Engineering*, Vol 84:640-652. [dx.DOI.org/10.1016/j.ecoleng.2015.09.038](http://dx.doi.org/10.1016/j.ecoleng.2015.09.038) [Impact Factor: ISI=3.231]

3. Kumar, Manoj, Bauddh, Kuldeep, Sainger, Manish, Sainger, Poonam Ahlawat, Singh, R.P. (2015). Enhancing Efficacy of Azotobactor and Bacillus by Entrapping in Organic Matrix for Rice Cultivation. *Agroecology and Sustainable Food System* 39.8: 907-923. DOI: 10.1080/21683565.2015.1050146
  4. Bauddh, Kuldeep, Kumar, Amit, Srivastava, Sudhakar, Tripathi, R.D., Singh, R.P. (2015) A Study on the effect of cadmium on the antioxidative defence system and alteration in different functional groups in castor bean and Indian mustard. *Archives of Agronomy and Soil Science*. doi.org/10.1080/03650340.2015.1083554 Accepted online: 14<sup>th</sup> August, 2015. Published online: 1<sup>st</sup> September, 2015.
  5. Sharma P., Singh G., Sharma K. and Singh R.P. (2015). Integrated resource management improves soil glucosidase, urease, and phosphatase activities and soil fertility during rice cultivation in Indo-Gangetic plains. *Cogent Food and Agriculture*. Dx/doi.org/10.1080/23311932.2015.1030905. Accepted: 5<sup>th</sup> March, 2015
  6. Bauddh K., Singh K. and Rana R.P.(2015). *Ricinus communis* L.A Value Added Crop for Remediation of Cadmium Contaminated Soil. *Bulletin of Environmental Contamination and Toxicology*, Springer. Published online: 13<sup>th</sup> October, 2015. DOI 10.1007/s00128-015-1669-3
  7. Minj R.P & Singh R.P. (2015). Enhanced Dose of *Azotobacter chroococcum* and *Bacillus subtilis*, Co-immobilised in Vermicompost Based Organic Granules, Increase Biomass Yield and harvest Index of wheat (*Triticum aestivum* L). *Climate Change and Environmental Sustainability* (October 2015) 3(2): 157-162
- Prof. S.K. Dwivedi**
1. Sangeeta, Dwivedi S.K. and Ram Gopal (2016). Microbial Communities and their functions with reference to ecological factors. In: *Cryptogam Biodiversity and Assessment*. 1(1): 36-42 (Online ISSN:2456-0251
  2. Dwivedi S.K., Sangeeta and Ram Gopal (2015). Role of mycorrhizae as Biofertilizer and Bioprotectants. *International Journal of Pharma and Biosciences*. 6(2): (B) 1014-1026. (ISSN: 0975-6299) (IF- 5.121)
  3. Dwivedi S.K., Yadav Upma and Enespa (2015). Efficacy of Some Medicinal Plant Extracts, Oil and Microbial Antagonistic Against *Fusarium* spp. Affecting Brinjal and Guava Crops. *Asian Journal of Plant Pathology*. p. 1- 11. ISSN: 1819-1541/ DOI: 10.3923/ajppaj. 2015.
  4. Dwivedi S.K. and Enespa (2015). *In vitro* cellulose activity of two wilt causing soil fusaria (*Fusarium solani* and *Fusarium lycopersici*) and efficacy of some pesticides against the said fusaria. *Journal of Applied Horticulture*. 17(1):58-65. (ISSN: 0972-1045).
  5. Gupta Namita, Gupta Vartika, Dwivedi S.K. and Upreti D. K. (2015). Comparative bioaccumulation potential of Pyxine cocoes and *Bacidia submedialis* in and around Faizabad city, Uttar Pradesh, India. *G- Journal of Environmental Science and Technology*. 2(6): 86-92. ISSN (Online): 2322-0228 (Print):2322-021X. (IF- 0.564)
  6. Dwivedi S.K. and Sangeeta (2015). Efficacy of Some Medicinal Plant Extract Against *Fusarium oxysporum* f. sp. *ciceri* Causing Chickpea Wilt. *Asian Journal of Crop Science*. p. 1- 9. ISSN: 1994-7879/ DOI: 10.3923/ajcs.2015.
  7. Srivastava Jyoti, Dwivedi S.K. and Prasad Chandan (2015). Efficacy of Some Fungal Antagonist Against Chickpea Wilt *Fusarium oxysporum* f. sp. *ciceri*. *International Journal of Science and Technology*. 5(3): 8-18. ISSN (Online): 2250- 141 X. (IF- 1.002)
  8. Dwivedi S.K. and Enespa (2016). *Tinosporacordifolia* with reference to biological and microbial properties. *International Journal of Current Microbiology and Applied Sciences*. 5(6):446-465. ISSN: 2319-7706 (print version). (IF- 2.937) Doi: 10.20546/ijcmas.2016.506.052
  9. Dwivedi Neetu and Dwivedi S.K. (2016). Histopathological observations in guava root during wilting caused by *Fusarium* species: A Scanning Electron Microscopy study. *International Journal of Fruit Science*. P. 1-6. (Taylor and Francis ISSN: 1553-8362 (Print), 1553-8621 (Online)). Dx.doi.org/10.1080/15538362.2016.1160270 vol.- 16; issue- 3, July, 2016; Pages: 335-340 (IF- 5.0)

10. Gupta Namita, Gupta Vartika and **Dwivedi S.K.** (2016). New addition of lichen flora of Uttar Pradesh, India. *Tropical Plant Research*. 3(1): 153-156. ISSN (Online): 2349-1183; (Print):2349-9265.
11. Ram Gopal, **Dwivedi S. K.** and Sangeeta (2016). Antifungal activity of some isolates of PGPR against some seed-borne mycoflora of soybean. *Asian Journal of Plant Pathology* (Under Review) (MS No. 80958-AJPP1-AJ).
12. **Dwivedi S. K.** and Prasad Ganesh (2016). Integrated management of *Sclerotium rolfsii*: An Overview. *European Journal of Biomedical and Pharmaceutical Sciences*. 3(11): 137-146. ISSN (Online): 2349-8870. (IF- 3.881)
3. Manjul Gupta, Pankaj Kumar Srivastava, Shikha, Abhishek Niranjana and Shri Krishna Tewari (2016) Use of bioaugmented organic soil amendment in combination with gypsum for *Withaniasomnifera* growth on sodic soil, *Pedosphere*, 26 (3): 299-309 (ISSN 1002-0160/CN 32-1315/P) (ISI Thomas Reuters Impact factor-1.5).
4. Shiv Shankar and Shikha (2015) Effect of metal ions and redox mediators on decolorization of synthetic dyes by crude Laccase from a novel white rot fungus *Peniophora* sp. (NFCCI-2131) *Applied Biochemistry and Biotechnology*, 175: 635-647. DOI 10.1007/s12010-014-1279-2. ISSN: 0273-2289 (print version) 1559-0291 (electronic version) (ISI Thomas Reuters Impact factor-1.687)

#### Mr. N.K.S. More

- 1 Paris Agreement on Climate Change: What Achieved and What Next? by Nandkishor More, dated 30.12.2015 Eco Enviro Post fortnightly.
- 2 Priorities before Conference of Parties 21 on Climate Change by Nandkishor More dated 30.11.2015 Eco. Environ. Post fortnightly editorial.
- 3 Montreal Protocol is even more important today by Nandkishor More dated 30.11.2015 Eco. Environ. Post fortnightly.
- 4 World Earth Day begins Paradigm Shift from Commitment to Action: by Nandkishor More dated 30.4.2015 Eco. Environ. Post fortnightly editorial.
5. Carbon Sequestration Vs Organic Farming in Rainfed Ecosystem: An Indian Perspective (2015) Ashima Singh, Jitendra Pandey and Nandkishor More J. Clean Air, Soil and Water in revision.

#### Dr. Shikha

1. ArpnaRatnakar, Shiv Shankar and Shikha (2016) An overview of biodegradation of organic pollutants, *International Journal of Scientific and Innovative Research*, 4(1) 73-91 (ISSN 1002-0160/CN32-1315/P)
2. Shailja Singh, Shiv Shankar and Shikha (2016) Microbial degradation of plastics: A Review, *International Journal of Scientific and Innovative Research*, 4(1) 112-119 (ISSN 1002-0160/CN32-1315/P).

#### Dr. Naredra Kumar

1. Anjali Singh, Ashwani Raju, Pitamber Pati, Naredra Kumar (2016). Mapping of coal fire in Jharia coalfield, India: a Remote Sensing Based Approach, *Journal of Indian Soc Remote sensing*. DOI: 10.1007/s1252-016-0590-5.
2. Dhananjay Kumar and Naredra Kumar (2016). Tannery Effluent Toxicity Assessment on the Growth and Germination of *Phaseolus vulgaris* L. (Bean). *International Journal of Green and Herbal Chemistry* 5(2): 139-144.
3. Naredra Kumar, Poonam, Sanjeev Kumar, Singh D.P. (2015). Ground water quality evaluation at suburban areas of Lucknow, U.P., India. *International Journal of Environmental Sciences*. 6(3):376-387.
4. Anjali Verma, Naredra Kumar. (2015). Inter Basin Water Transfer of Rivers from Sharda to Yamuna using Construction Techniques. *Indian Journal of Applied Research*. 5 (2), 252-254.
5. Anjali Verma, Naredra Kumar. (2015). Interlinking of rivers in India: Proposed Sharda- Yamuna Link. *IOSR Journal of Environmental Science, Toxicology and Food Technology*. 9 (2), 28-35.

#### Dr. Venkatesh Dutta

1. Dutta, V., Dasgupta, P., Hultman, N., and Gayatri, G. (2015) Evaluating expert opinion on India's climate policy and barriers to

low-carbon inclusive growth, Climate and Development, Taylor & Francis (Under Publication)

2. Dutta, V., Kumar, R., & Sharma, U. (2015) Assessment of human-induced impacts on hydrological regime of Gomti river basin, India, Management of Environmental Quality, 26(5):pp. (under publication)
3. Dutta, V. and Tiwari, V. K. (2015) Environmental Impact Assessment (EIA) of housing colonies in Lucknow city, India with special reference to land capability and spatial development using AHP and GIS, Environment and Urbanisation Asia, 6(2): pp. SAGE, UK (under publication)

#### **Dr. Richa Kothari**

1. Developments in Bioenergy and Sustainable Agriculture Sectors for Climate Change Mitigation in Indian Context: A State-of-Art; (2015), Climate Change and Environmental Sustainability, 2320-6411
2. Dark Fermentation: a green way to produce hydrogen and methane Volume. 1, No. 1Jan - June, (2015), International Journal of Science, Technology & Society, ISSN - 2395-1605
3. Experimental and Kinetic Studies for Phycoremediation and Dye Removal by *Chlorella Pyrenoidosa* from Textile Wastewater; (2015) 163, 270-277, Journal of Environmental Management, 0301-4797
4. A review Report on Nanostructured Ferrites as Liquefied Petroleum Gas Sensor; 1(1); 5-22; Jan-June-2015, International Journal of Science, Technology & Society , 2395-1605
5. Dark Fermentation: a green way to produce hydrogen and methane Volume. 1, No. 1; 32-38; Jan-June-2015, International Journal of Science, Technology & Society, 2395-1605
6. The Potential of Bioenergy Production from Marginalized Lands and Its Effect on Climate Change4(1): 7-13 DOI: 10.5958/2320-642X.2016.00002.8, Climate Change and Environmental Sustainability, 2320-6411

#### **Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences**

#### **Prof. S.K. Dwivedi**

Participation in conferences: 09

#### **Mr. N.K.S. More**

1. National Seminar on International Current trends in Society, Science and Technology organized by Academy of Administrative Careers, Mumbai University, Mumbai, India. held from 25<sup>th</sup> to 27<sup>th</sup> March 2016
2. 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
3. National Seminar on Rejuvenation of River Gomati: Past Present and Future organized by BabasahebBhimrao Ambedkar University, Lucknow on 9<sup>th</sup>-11<sup>th</sup> May 2015
4. International Scientific Conference on Our Common Future under Climate Change CFCC-2015 from 5<sup>th</sup> 10<sup>th</sup> July 2015 at UNESCO, France
5. 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
6. 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
7. National Seminar on Rejuvenation of River Gomati: Past Present and Future organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 9<sup>th</sup>-11<sup>th</sup> May 2015
8. 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. Application of mathematical models in environmental quality assessment, National Conference on Mathematical techniques in engineering and technology, Department of Applied Mathematics, School of Physical sciences, B.B.A.University, Lucknow.30-31, March 2016

2. Workshop on Choice based credit system & outcome based teaching/learning,30-31, March 2016,B.B.A.University, Lucknow.
3. Cost Benefit Analysis of Interlinking of Rivers,Emerging Economies and Challenges to Sustainability towards Developing Nation, 29-30 March, 2016,Sri Aurobindo College, University of Delhi, New Delhi.
4. Role of women in environmental movements, Visualization of Dr. Ambedkar for empowerment of women in India: Issues and Prospects, 08-09, March 2016, Committee of Basic Facilities for women, B.B.A. University, Lucknow
5. Dr. Ambedkar's Global Vision: Development and Environmental Concern, Dr. Ambedkar's Global Vision: The emerging knowledge society in 21<sup>st</sup> century, 07-09, March 2016, B.B.A. University, Lucknow.
6. Challenges before sustainable development in the era of climate change,Changing paradigm of management practices for sustainable development,05-06, March 2016,School of Management studies, B.B.A.University, Lucknow.
7. Data Integration and its validation in environmental Monitoring,24, Feb 2016, Information Security Challenges, BBAU, Lko
3. Delivered invited Talk in International Congress on Post harvest technologies of agricultural produce for sustainable food and nutritional security, as key speaker on 10.11.2016 at Integral University, Lucknow organized by UPCAR, Govt. of UP, Lucknow
4. Delivered invited Talk as key speaker in ICAR-IISR, Lucknow on 29.03.2016 on Hindi Workshop
5. Delivered key note address in seminar on 19.03.2016 at ICAR-IISR, Lucknow organized by NEFORD, Lucknow
6. Delivered invited Talk in National consultation on Strategies for managing drought need for aligning science and public policy on 03.06.2016 at CSIR-NISCAIR, New Delhi organized by Society for promotion of wasteland development, New Delhi.
7. Delivered invited Talk in National Workshop on scientific paper writing and effective communication held on 17.09.2016 as guest speaker in DDU Gorakhpur University, Gorakhpur.
8. To be delivered invited talk Indian Science Congress 104 to be held in Tirupati on 3-7 January, 2017.

#### **Richa Kothari**

1. Improvement of biohydrogen production with optimized initial pH using industrial organic residue (molasses) with *Enterobacter Aerogens*; Page no-309-315, 2015
2. International Conference on "Advances in power generation from renewable energy sources: (APGRES-2015); June 15-16, Conference Proceeding; Rajasthan Technical University, Kota, India-324010

#### **Invited Speakers/Session Chaired in National/International Conferences details**

##### **Prof. Rana Pratap Singh**

1. Chaired Session in National Conference on water management organized by Indian Water Management Society
2. Delivered invited Talk in Swachhh Bharat Pakhwara, as key speaker on 16.05.2016 at ICAR-NBFGR, Lucknow

##### **Prof. S.K. Dwivedi**

1. 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.), March, 2016.

##### **Mr. N.K.S. More**

1. Delivered two lectures in Refresher Course in Environmental Studies (ID) Environmental Concerns and Climate Change: Issues and Imperatives in the Human Resource Development Centre of Lucknow University on 8.1.2016 and 14.01.2016
2. Delivered a special lecture in National Seminar on International Current trends in Society, Science and Technology organized by Academy of Administrative Careers, Mumbai University, Mumbai, India. held from 25<sup>th</sup> to 27<sup>th</sup> March 2016

- Key note lecture in the 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

#### Dr. Narendra Kumar

- Career Opportunities in the Field of Applied Biosciences, Emerging Prospects of Applied Biosciences in Present Scenario, 15<sup>th</sup> Oct, 2015, Deptt. Of Industrial Microbiology, DBPG College, Bachhara, Raibareilly, U.P.
- Biomedical Waste Management, National Seminar on Waste Disposal Crisis: Issue and Challenges, March 29-30<sup>th</sup>, 2015, Armapore P.G. College, Kanpur

#### Dr. Venkatesh Dutta

- Conference on Green Buildings & Building Rating System, 16 July 2015, PHD Chamber of Commerce & Industry, Lucknow, Green building concept in creating less-carbon smart cities: current status and future agenda

### Research Guidance

#### Ph.D. Programme

Sr. No.	Name of Supervisor	Currently Working	Submitted	Awarded
1	Prof. D.P. Singh	07	01	02
2	Prof. Rana Pratap Singh	8	-	03
3	Prof. S.K. Dwivedi	02	01	03
4	Dr. Shikha	02	-	-
5	Dr. Narendra Kumar	04	-	01
6	Dr. Venkatesh Dutta	01	-	03
7	Dr. Richa Kothari	01	-	01

#### M.Sc. Programme

Sr. No.	Name of Supervisor	Completed M.Sc. Dissertation (2015)
1	Prof. D.P. Singh	02
2	Prof. Rana Pratap Singh	04
3	Prof. S.K. Dwivedi	03
4	Mr. N.K.S. More	03
5	Dr. Shikha	05
6	Dr. Narendra Kumar	03
7	Dr. Venkatesh Dutta	04
8	Dr. Richa Kothari	04

### Membership/Fellowship of Professional/Academic Bodies

#### Prof. D.P. Singh

- Expert in the selection committee for Asst. Professor in GJU Science and technology, Hisar (Haryana) May, 2016
- Expert in the selection committee in Plant pathology, BHU, Varanasi- Feb. 2016
- Expert in selection committee for Asst Professor in DES, in BBAU, 2016
- Member NAAC team for Himanchal University, Oct.,
- Subject Expert in CSIR selection committee for scientist E-2, & Scientist F, Nov. 2016

#### Prof. Rana Pratap Singh

- Fellow of Academy of Environmental Biology of India (HQ: IITR, Lucknow).
- Fellow of Indian Society for Plant Physiology, New Delhi (HQ: IARI, New Delhi)
- Life member of National Academy of Sciences, Allahabad India, Indian Science Congress Association, Calcutta, 4. 4.

International Society for Environmental Botanist, Lucknow, Academy of Environmental Biology India, Lucknow,

Indian Society for Plant Physiology, New Delhi, Society for Plant Physiology and Biochemistry, New Delhi, Society for Plant Biochemistry and Biotechnology, New Delhi, Professor H.S. Srivastava Foundation for Science and Society, Lucknow, The Society for Science of Climate Change and Sustainable Environment, New Delhi, Haryana VigyaManch, Rohtak.

- Member Executive Committee International Society of Environmental Botanists, CSIR-National Botanical Research Institute, Lucknow.
- Member Editorial Advisory Board, Vigyan Ganga, A Science Magazine of Banaras Hindu University, Varanasi.
- Worked as Editor-in-Chief of an International Journal "Physiology and Molecular Biology of Plants ([www.springer.com/journal/12298](http://www.springer.com/journal/12298)). The journal is marketed globally by Springer over 10,000 destina-

tions worldwide. It has a Thomson Reuters (ISI) impact factor of 1.351 and is considered a leading international journal in field of Plant Science.

7. Worked as Editor of another International Research Journal "Climate Change and Environmental Sustainability" (*www.indianjournals.com*), published by the Society for Science of Climate Change and Sustainable Environment, New Delhi (*www.ssceindia.org*) and marketed by Indian Journals.com, New Delhi.
8. Worked as Editor-in-Chief of the "International Journal of Science, Technology and Society" published by BBA University, Lucknow and marketed by MRI Publication Pvt. Ltd., Lucknow
9. Worked as Editor BBAU Research Bulletin published by BBA University, Lucknow
10. Worked as Editor of a multilingual quaternary magazine "Kahaar" (*www.kahaar.in*), started in 2014, focused on communicating knowledge and practices of sustainable development to common masses and school students.

#### **Prof. S.K. Dwivedi**

1. Life Member, Indian Science Congress Association; Life Member, Indian Phytopathological Society; Life Member, Indian Botanical Society; Life Member, Indian Lichenological Society; Life Member, Indian Aerosol Science & Technology; International Society for Tropical Ecology; Life Member, Purvanchal Environmental Association.

#### **Dr. Narendra Kumar**

1. Academic Council, Babasaheb Bhimrao Ambedkar University, Lucknow, India
2. Extra Moral Studies Organization, Babasaheb Bhimrao Ambedkar University, Lucknow, India
3. Media Cell, Babasaheb Bhimrao Ambedkar University, Lucknow, India
4. Placement Cell, Babasaheb Bhimrao Ambedkar University, Lucknow, India
5. School Board, School of Environmental Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow, India

6. Board of Post-graduate Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, India
7. Internal Quality Assurance Cell, Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India
8. Professor H.S. Srivastava Foundation for Science and Society, Lucknow, India
9. Member Admission Committee, Babasaheb Bhimrao Ambedkar University, Lucknow, India
10. Life member-CSIR-National Botanical Research Institute, Lucknow 226001, INIDA
11. Warden, Ashoka Boys Hostel (Extn), Babasaheb Bhimrao Ambedkar University, Lucknow, India
12. Coordinator, Integrated (B. Sc. + M. Sc.) Applied Geology, Babasaheb Bhimrao Ambedkar University, Lucknow, India
13. In-charge Guest House, Babasaheb Bhimrao Ambedkar University, Lucknow, India
14. Coordinator, Sports Activities, Babasaheb Bhimrao Ambedkar University, Lucknow, India
15. Coordinator, Spot Evaluation of M.Sc. Environmental Science and Environmental Microbiology, Babasaheb Bhimrao Ambedkar University, Lucknow, India
16. Coordinator, World Wildlife Week Poster Competition-2005, Babasaheb Bhimrao Ambedkar University, Lucknow, India
17. Seminar In-charge for M.Sc. Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India
18. Tour Coordinator for M.Sc. Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India

#### **Dr. Venkatesh Dutta**

1. Member of the Academic Council, Member of the University Innovation Club, Member of Departmental Research Committee, Member of the Board of Postgraduate Studies, Postgraduate Admission Committee, Examination Invigilation, Evaluation and Field Programs, Placement Cell

2. Coordinator, DST-Centre for Policy Research, BBA Central University, Lucknow.
3. International Association of Hydrological Sciences (IAHS), UK
4. International Society of Ecological Economics (ISEE), Maryland, USA
5. Indian Society of Ecological Economics (INSEE), Institute of Economic Growth, Delhi
6. Urban Economics Association, USA
7. Fellow, Society of Earth Scientists, India
8. Indian Science Congress Association, India

### Google Scholar Profile

#### Prof. D.P. Singh

Citation Indices	All	Since 2011
Citations	1578	1283
h-index	21	17
i10-index	38	33

#### Prof. Rana Pratap Singh

Citation Indices	All	Since 2011
Citations	2558	2558
h-index	27	27
i10-index	62	62

#### Prof.S.K.Dwivedi

Citation Indices	All	Since 2011
Citations	309	202
h-index	8	07
i10-index	8	06

#### Dr. Shikha

Citation Indices	All	Since 2011
Citations	208	170
h-index	8	7
i10-index	5	5

#### Dr. Narendra Kumar

Citation Indices	All	Since 2011
Citations	233	233
h-index	8	8
i10-index	7	6

#### Dr. Venkatesh Dutta

Citation Indices	All	Since 2011
Citations	101	84
h-index	5	4
i10-index	2	2

#### Dr. Richa Kothari

Citation Indices	All	Since 2011
Citations	964	862
h-index	12	12
i10-index	15	15

## DEPARTMENT OF ENVIRONMENTAL MICROBIOLOGY

### Introduction of the Department -

Department of Environmental Microbiology (DEM) under School for Environmental Sciences (SES) initially was sanctioned as an Innovative Project for M.Sc. Environmental Microbiology under Environmental Sciences from the Session 2007-2008. It was sanctioned as independent department by UGC in the year 2010 under School for Environmental Sciences. The Department at present offers M.Sc. and Ph.D. programmes in Environmental Microbiology. Apart from this there are three PG courses under Innovative and Contemporary Programme running in the Department. These courses namely M.Sc. in Industrial Microbiology, M.Sc. in Food Microbiology and Toxicology and M.Sc. in Nanoscience and Nanotechnology take care of the applied aspects of microbiology and are industry and job oriented. At present there is one Professor, two Associate Professors and three Assistant Professors in the department with diverse fields of specializations namely Microbial Ecology, Bioremediation and Metagenomics, Rhizosphere Microbiology, Plant Growth Promoting Microbes, Biopesticides, Stress Physiology and General Microbiology. The department has well equipped M.Sc. Laboratory and developing state of the art research laboratories.

Sustainability of environment is important for the survival of the living creatures on the planet. Microorganisms play several and vital roles in the environment which maintain the sustainability of the ecosystems. Due to ever increasing population and industrialization there is ever increasing pressure on the natural resources. Microorganisms can provide answers to several questions and problems such as environmental pollution, removal of toxic and recalcitrant compounds, food security, can lead to sustainable agriculture by acting as biofertilizers and biopesticides, removal of wastes and bioremediation of ecosystems. The focus of the Department is to combat the diverse problems of the environment as microbes can provide the solutions to several of them. The emphasis of research in the Department is on utilizing microbes for enhancing crop yields in ecofriendly manner, biodegradation of industrial wastes, bioremediation of polluted ecosystems, optimization of technology for detoxification of

distillery and pulp paper mill waste and microbe based foods for food security. The Department has research grants from DST, DBT, and CST. The department is also included in the FIST Programme of Department of Science and Technology, Government of India, New Delhi at Level 1 and a grant of Rs 28 lakhs has been sanctioned under the scheme. In future the Department vows to create excellence in the field of bioremediation of natural resources which is one of the target area of research. Students in the Department are trained for all the modern techniques in microbiology and biotechnology. Regular seminars are organized in the department during weekend in which students give presentation on their assigned topics related with topics in environmental microbiology. The students of final semester also have to carry out dissertation work in which they get to know about how to pursue minor research projects.

### A. 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

### B. Courses offered-

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

### C. Visitors to the Department-

1. **Prof. W.G. Dilantha Fernando**, Department of Plant Sciences, **University of Manitoba**, Winnipeg, **Canada**, visited the Department and delivered Special Lectures on 19/02/2016 & 20/02/2016 which were attended by students, research scholars and faculty of Departments of Environmental Microbiology, Environmental Sciences, and Biotechnology.
2. Prof. Prince Sharma, Department of Microbiology, Punjab University, Chandigarh

3. Prof. H.B. Singh, Department of Mycology and Pathology, B.H.U. Varanasi.
4. Dr. Alok Kalra, Chief Scientist, Crop Protection Division CIMAP, Lko.
5. Dr. R.D. Tripathi, Chief Scientist, Ecotoxicology & Bioremediation Group, NBRI, Lko.
6. Dr. O.P. Dhawan, Chief Scientist, Head, Genetics and Plant Breeding CSIR-CIMAP, Lko.
7. Dr. Vinay Tripathi, Scientist-in-Charge, S&T Management Division CDRI, Lko
8. Dr. Feroz Khan, Department of Metabolic & Structural Biology, CSIR-CIMAP

#### D. Accomplishments of Students-

7 students- Qualified ICAR NET, 5 students- Qualified GATE and 08 students joined industries in last one year. One scholar got PDF and joined IIT, Delhi.

#### E. Faculty wise Supervision of the Ph.D. Scholar

##### Ph.D. Awarded

1. Ms. Sakshi Tewari (under the supervision of Dr. Naveen Kr. Arora)
2. Ms. Sadhana Singh Sagar (under the supervision of Dr. Rajesh Kumar)

##### Ph.D. Submitted

1. Ms. Pooja Shrivastava (under supervision of Dr. Rajesh Kumar)

#### F. Co-curricular/Extra-curricular event organized by the Department-

Session of Environmental Microbiology in LUSCON- 2015 at Department of Environmental Microbiology, BBAU, Lucknow, 31 Oct - 2 Nov, 2015.

#### G. Future Plans of the Department:

1. Application to Level II of FIST Programme, Department of Science and Technology, Government of India, New Delhi.
2. Application to SAP Programme, UGC, New Delhi
3. Formation of Center of Excellence for studies on Microbial Diversity of the region

#### H. Academic details/ activities of the faculty:

**Name of Faculty: Dr. Naveen Kr. Arora**

##### Award & Recognition:

1. Awarded Travel Grant from Department of Biotechnology, New Delhi (Grant No. DBT/CTEP/02/201500217) to attend in 4<sup>th</sup> Asian PGPR Conference, Hanoi, Vietnam, 3<sup>rd</sup> to 6<sup>th</sup> May, 2015, organized by Asian PGPR Society.
2. Awarded Travel Grant from Department of Science and Technology, New Delhi (Grant No. ITS/1862/2015-16) to attend 8<sup>th</sup> ISS Congress, Lisbon, Portugal, 12<sup>th</sup> - 18<sup>th</sup> July, 2015

##### Members of Board/Committee (outside BBAU)

- i. Editor, Archives of Agriculture & Environmental Science
- ii. Editor, CGES, Newsletter
- iii. Associate Editor, Climate Change and Environmental Sustainability

##### Detail of Project Sanctioned/Executed (during 01.04.2015 to 31.03.2016)

S. No.	Title of Project	Funding Agency	Name of PI	Status of project
1.	Screening of sewage pollution in Ganga water and assessment of its impact on ground water along the path of river flow in Kanpur	CST, Lucknow	Dr. Naveen Kr. Arora	Completed (March, 2016)

##### Research Publication(s)-

###### (a) Book(s): (02)

1. Bioformulations: for Sustainable Agriculture, Springer. 2016. ISBN 978-81-322-2779-3.
2. Book Series: Microorganisms for Sustainability, Springer. 2016.  
Vol 1. Microbial Models: from Environmental to Industrial Sustainability. ISBN 978-981-10-2554-9.

**(b) Book Chapter(s): (05)**

1. Singh R, Arora NK (2016) Bacterial Formulations and Delivery Systems against Pests in Sustainable Agro-Food Production. Reference Module in Food Sciences, Elsevier, pp 1-11
2. Tewari S, Arora NK, Miransari M (2016) Plant growth promoting rhizobacteria to alleviate soybean growth under abiotic and biotic stresses. In: Miransari M (ed) Abiotic and Biotic Stresses in Soybean Production, Elsevier, pp 131-156
3. Tewari S, Arora NK (2016) Soybean production under flooding stress and its mitigation using plant growth-promoting microbes. In: Miransari M (ed) Environmental Stresses in Soybean Production, Academic Press, Elsevier, pp 23-40
4. Mishra J, Arora NK (2016) Bioformulations for Plant Growth Promotion and Combating Phytopathogens: A Sustainable Approach. In: Arora NK, Mehnaz S, Balestrini R (eds) Bioformulations: for Sustainable Agriculture, Springer, India, pp 3-33
5. Arora NK, Verma M, Prakash J, Mishra J (2016) Regulation of Biopesticides: Global Concerns and Policies. In: Arora NK, Mehnaz S, Balestrini R (eds) Bioformulations: for Sustainable Agriculture, Springer, India, pp 283-299

**(c) Reviewer of International Journals:**

1. Applied Soil Ecology
2. Frontiers in Microbiology
3. World Journal of Microbiology & Biotechnology
4. Current Microbiology
5. Physiology & Molecular Biology of Plants
6. European Journal of Soil Biology
7. Crop Protection
8. Symbiosis
9. Critical Reviews in Microbiology

**(d) Papers Published: (03)**

1. Tewari S, Arora NK (2016) Fluorescent Pseudomonas sp. PF17 as an efficient plant growth regulator and biocontrol agent for sunflower crop under saline conditions.

Symbiosis DOI 10.1007/s13199-016-0389-8

2. Arora NK, Mishra J (2016) 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. **IF: 2.67**
3. Mishra J, Rajnandini M, Arora NK (2016) Biocontrol of ear rot fungi by plant growth promoting fluorescent pseudomonads. Int J Sci Technol Soc 1(2):49-57

**(e) National Conference/Journal/Paper presentation (03)**

1. "Plant Growth Promoting and Biocontrol Potential of Fluorescent Pseudomonads for Enhancing Crop Yields Under Saline Conditions" in 103<sup>rd</sup> Indian Science Congress, 05 January, 2016.
2. "Plant Growth Promoting Rhizobacteria for Sustainable Agriculture" in 3<sup>rd</sup> Lucknow Science Congress LUSCON- 2015, 01 November, 2015.
3. "Fluorescent Pseudomonads for Enhancing Crop Yields and Remediation of Phytopathogen Infested Saline Soils" in Advanced Techniques for Bioremediation and Management of Salt Affected Soils- Central Soil Salinity Research Institute (CSSRI), 15<sup>th</sup> - 24<sup>th</sup> September, 2015.

**(f) International Conference/Journal/Paper presentation (02)**

1. "Plant growth stimulation and biocontrol potential of fluorescent pseudomonads under saline conditions" in 4<sup>th</sup> Asian PGPR Conference, Hanoi, Vietnam, 3<sup>rd</sup> to 6<sup>th</sup> May, 2015, organized by Asian PGPR Society.
2. "Fluorescent pseudomonads as efficient plant growth promoting and biocontrol agents for diverse crops under saline conditions" at 8<sup>th</sup> ISS Congress, Lisbon, Portugal, 12<sup>th</sup> - 18<sup>th</sup> July, 2015.

**Participation in Orientation/Refresher Course/Workshop/Seminar/Conference (05)**

1. 103<sup>rd</sup> Indian Science Congress, 05 January, 2016.
2. 3<sup>rd</sup> Lucknow Science Congress LUSCON-2015, 01 November, 2015.
3. Advanced Techniques for Bioremediation and Management of Salt Affected Soils-

Central Soil Salinity Research Institute (CSSRI), 15<sup>th</sup> - 24<sup>th</sup> September, 2015.

4. 8<sup>th</sup> ISS Congress, Lisbon, Portugal, 12<sup>th</sup> - 18<sup>th</sup> July, 2015
5. 4<sup>th</sup> Asian PGPR Conference, Hanoi, Vietnam, 3<sup>rd</sup> to 6<sup>th</sup> May, 2015

#### **Invited Speaker in National Conferences/ Seminars: (03)**

1. Invited Lecture on "Plant Growth Promoting and Biocontrol Potential of Fluorescent Pseudomonads for Enhancing Crop Yields Under Saline Conditions" in 103<sup>rd</sup> Indian Science Congress, 05 January, 2016.
2. Invited Lecture on "Plant Growth Promoting Rhizobacteria for Sustainable Agriculture" in 3<sup>rd</sup> Lucknow Science Congress LUSCON- 2015, 01 November, 2015.
3. Invited talk on "Fluorescent Pseudomonads for Enhancing Crop Yields and Remediation of Phytopathogen Infested Saline Soils" in Advanced Techniques for Bioremediation and Management of Salt Affected Soils- Central Soil Salinity Research Institute (CSSRI), 15<sup>th</sup> - 24<sup>th</sup> September, 2015.

#### **Talks in International Conferences (out of India): 02**

1. Delivered invited talk on "Plant growth stimulation and biocontrol potential of fluorescent pseudomonads under saline conditions" in 4<sup>th</sup> Asian PGPR Conference, Hanoi, Vietnam, 3<sup>rd</sup> to 6<sup>th</sup> May, 2015, organized by Asian PGPR Society.
2. Delivered talk on "Fluorescent pseudomonads as efficient plant growth promoting and biocontrol agents for diverse crops under saline conditions" at 8<sup>th</sup> ISS Congress, Lisbon, Portugal, 12<sup>th</sup> - 18<sup>th</sup> July, 2015, organized by International Symbiosis Society.

#### **Session Chaired in National/ International Conferences: (02)**

1. Chairperson of a session in 103<sup>rd</sup> Indian Science Congress, Mysore University, Mysore, 02-07 January, 2016.
2. Chairperson Session of Environmental Microbiology in LUSCON- 2015 at Department of Environmental Microbiology,

BBAU, Lucknow, 31 Oct - 2 Nov, 2015.

#### **7. Research Guidance**

Ph.D.: 08 Scholars

#### **Membership of Professional/ Academic Bodies (05)**

- 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

#### **Member of Academic and Administrative Committees**

- i. Member, Academic Council of BBA University
- ii. Co-coordinator, CIIPP
- iii. Coordinator, Industrial Microbiology
- iv. Coordinator, Food Microbiology & Toxicology
- v. Chairman, Departmental Research Committee
- vi. Chairman, Board of Post Graduate Studies of Environmental Microbiology
- vii. Member, Department Admission Committee
- viii. Member, School Board (SES)
- ix. Member, Departmental IQAC
- x. Member, Purchase Committee of Department and School
- xi. Member, Purchase Committee of University
- xii. Editor, BBAU Research Bulletin
- xiii. Co-Editor, BBAU Newsletter
- xiv. Associate Editor, International Journal of Science, Technology and Society.
- xv. Convener, Transportation Committee, LUSCON- 2015
- xvi. Convener, Transportation Committee, 9<sup>th</sup> SAUFEST- 2016
- xvii. Member, Editorial Committee, VI Convocation of the University.

## Google Scholar Profile:

**Naveen Kumar Arora**  
Associate Professor, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar  
Agriculture Microbiology, Environmental Microbiology  
Verified email at bbau.ac.in - Homepage

Citation indices	All	Since 2011
Citations	557	468
h-irdex	13	12
i10-index	18	15

Title	1-20	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		138	2001

NK Arora, SC Kang, DK Maheshwari  
Curr Sci 81 (6), 673-677

## Name of Faculty: Dr. Rajesh Kumar

### Award & Recognition:

Awarded "Innovator of the year award 2015" in the field of Microbiology on the occasion of International Conference on Innovative Approaches in applied sciences and technologies, ICIAS-2016 by SARC Society during 1-5th Feb., 2016 at Kasetsart University, Bangkok 10900, Thailand.

### Research Publication(s)-

#### (a) Book Chapter(s): (02)

1. 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.
2. 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.

#### (b) Research Papers/Review Papers: (11)

1. Sadhana Singh Sagar, Rajesh Kumar and Shilpa Deshpande Kaistha (2016). Efficacy of phage and ciprofloxacin co-therapy on the formation and eradication of *Pseudomonas aeruginosa* biofilms. Arabian

Journal for Science and Engineering, Springer. ISSN 2193-567X (in press, available online). IF: 0.728

2. Amar Jyoti Das and Rajesh Kumar (2016). Bioremediation of petroleum contaminated soil to combat toxicity on *Withania somnifera* through seed priming with biosurfactant producing plant growth promoting rhizobacteria. J Env Mgmt., Elsevier, 174: 79-86. (IF:2.723).
3. Pooja Shrivastava, R. Kumar, M.S. Yandigeri (2016). *In vitro* biocontrol activity of halotolerant *Streptomyces aureofaciens* K20: A potent antagonist against *Macrophomina phaseolina* (Tassi) Goid. Saudi J Biological Sciences, Elsevier (IF:1.257).
4. Pooja Shrivastava, Rajesh Kumar, (2015). Isolation and characterization of *Streptomyces* with plant growth potential from mangrove ecosystem. *Polish J Microbiol.* 64 (4): 339-349. (IF:0.697).
5. Sadhana Singh Sagar, Rajesh Kumar, Shilpa Deshpande Kaistha (2015). Inhibition of different stages of biofilm of *Pseudomonas aeruginosa* PA01 by isolated bacteriophage P2. *Asian J Pharmaceutical and Clinical Research*, 8 (2), online. ISSN: 0974-2441.
6. Chhaya Verma, Pooja Singh and Rajesh Kumar (2015). Isolation and characterization of heavy metal resistant PGPR and their role in enhancement of growth of wheat plant under metal (cadmium) stress condition. *Scholars research library* 7(7): 37-43. ISSN: 0975-508X.
7. Chhaya Verma, Kirti Singh and Rajesh Kumar (2015). Comparative study of PGPR isolated from crop plants (mustard and maize) and wild plant (Lantana) and their

- potency for enhancement of wheat plant. *International J Pharmaceutical and Biological Archives* 6(1): 42-48. ISSN 0976-3333.
8. Hitesh Narayan, Sadhana Singh Sagar and Rajesh Kumar (2015). Evaluation of antimicrobial activity of silver nanoparticles synthesized by green route. *Int J Chem Tech Research* 8 (3): 975-980. ISSN: 0974-4290.
  9. Govind Kumar, Rajesh Kumar and Anita Sharma (2015). Characterization of biosurfactants from indigenous soil bacteria recovered from oil contaminated sites. *Journal of Environmental Biology* 36(5): 1101-1104. ISSN: 0254-8704. (IF:0.640).
  10. Rajesh Kumar, Amar Jyoti Das and Shatrohan Lal (2015). Petroleum hydrocarbon stress management in soil using microorganisms and their products. Edited book *Environmental Stress Management* (Ed.) Ram Chandra, CRC press, Taylor and Francis Boca Raton, Florida, USA. Page no. 525-550. ISBN: 13:978-1-4987-2475-3.
  11. Govind Kumar, Rajesh Kumar, Anita Sharma (2015). *Rhizoremediation of petrol engine oil using biosurfactants producing microbial consortium in mustard crop*. Intl. J. Appl. Sci. Biotechnol. (Open Access) 3(2): 261-266. doi:http://dx.doi.org/10.3126/ijasbt.v3i2.12475.
- 5. Participation in Conferences: (06)**
1. 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 1<sup>st</sup>, 2016 to February 5<sup>th</sup>, 2016.
  2. Amar Jyoti Das and Rajesh Kumar (2016). Development of Low Toxic and Biocompatible Biosurfactant Based Detergent: A Novel Approach.56<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2015) and International Symposium on emerging discoveries in Microbiology organized by School of Life Sciences, Jawaharlal Nehru University, New Delhi from 7<sup>th</sup> Dec to 10<sup>th</sup> Dec, 2015.
  3. Beenu Shastri and Rajesh Kumar (2015). ISR as a mechanism of red rot suppression by PGPR presented at 56<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2015) and International Symposium on emerging discoveries in Microbiology organized by School of Life Sciences, Jawaharlal Nehru University, New Delhi from 7<sup>th</sup> Dec to 10<sup>th</sup> Dec, 2015.
  4. Chhaya Verma and Rajesh Kumar (2015). Study of heavy metal resistant PGPR and their role in growth enhancement of maize under stress condition presented at 56<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2015) and International Symposium on emerging discoveries in Microbiology organized by School of Life Sciences, Jawaharlal Nehru University, New Delhi from 7<sup>th</sup> Dec to 10<sup>th</sup> Dec, 2015.
  5. Chhaya Verma and Rajesh Kumar (2015). Remediation of cadmium contaminated soil with PGPR consortia and hyper-accumulator plants, 3<sup>rd</sup> LUSCON-2015 and National Conference on Science for Society an Interdisciplinary approach, held at Babasaheb Bhimrao Ambedkar Central University, Lucknow, India, 31<sup>st</sup> October, 2015 to 2<sup>nd</sup> November, 2015, page no. 159.
  6. Shatrohan Lal and Rajesh Kumar (2015). Characterization of cadmium and lead resistant plant growth promotory rhizobacteria isolated from *Vetivera zizanioides* rhizosphere presented at 25<sup>th</sup> Asian-Pacific Weed Science Society Conference on “ Weed Science for Sustainable Agriculture, Environment and Biodiversity, Hyderabad, India 13-16 October, 2015, short communication, page no. 15.
- Lectures Delivered as Resource Person: (02)**
1. Invited 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 1<sup>st</sup>, 2016 to February 5<sup>th</sup>, 2016.

- Delivered invited lecture on a topic entitled "Lignocellulosic ethanol: General aspects and current status in 3<sup>rd</sup> Lucknow Science Congress (LUSCON-15) at BBAU, Lucknow

### Session Chaired in National/ International Conferences: (01)

- Co-chaired a session on agricultural Microbiology at International Conference on Innovative Approaches in applied sciences and technologies, ICIAS-2016 by SARC Society during 1-5<sup>th</sup> Feb., 2016 at Kasetsart University, Bangkok 10900, Thailand.

### Research Guidance

Ph.D.: 04 Scholars

Faculty Name: Dr. Vinay Singh Baghel

### Award & Recognition:

- Felicited By Hon'ble Governor Shri Ram Naik Ji at SVM Basti, U.P Dated 25<sup>th</sup> Feb 2016

### Members of Board/Committee (outside BBAU):

- Member Assessment committee for technical & support staff for A.Y. 2013-2014 at CSIR Central Drug Research Institute, Lucknow Dated :21/08/2015
- Member Assessment committee for technical & support staff for A.Y 2014-15 at CSIR Central Drug Research Institute Lucknow Dated: 26 July 2016.

8. Membership/Fellowship of Professional/Academic Bodies: Nil

9. Google Scholar Profile:



**Dr. Vinay Singh Baghel**

Assistant Professor, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University  
Environmental Microbiology  
Verified email at bbau.ac.in



Title	1-10	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	39	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, ...	35	2005

### Details of the Project Sanctioned/ Executed (during 01.04.2015 to 31.03.2016)

S. No.	Title	Agency	Period	Grant/ Amount Mobilized (Rs. Lakh)
1.	"Microbial Biodiversity and Pollution Monitoring through Indicator Bacteria of Ganga River in Uttar Pradesh"	UP-CST, Lucknow	July, 2013 to May, 2016	9.0 Lakh

### National Conference / Journals / Paper Presentation:

- K.S. Institute of Research and Training, Lucknow, 25<sup>th</sup> June 2015.

### International Conference/Journal/Paper Presentation: Nil

### Participation in Orientation/Refresher Course/Workshop/Seminar/Conference: Nil

### Invited Speaker/Session Chaired in National/ International Conferences details:

Paper Presented in Impact of anthropogenic activities on river Ganga, U.P. India organized by 35<sup>th</sup> annual session of AEB & international conference on Climate Change and Sustainability 21<sup>st</sup>-23<sup>rd</sup> Dec 2015

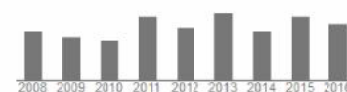
### Research Guidance:

Ph.D.: 04 Scholars

Google Scholar

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Citation indices	All	Since 2011
Citations	173	106
h-index	6	5
i10-index	5	4



**Name of Faculty: Dr. Jay Shankar Singh**

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

**Editorial board of refereed journals**

- i. Microbiology Research (Member)
- ii. Acta Scientifica (Member)
- iii. Climate Change and Environmental Sustainability (Associate editor)
- iv. International Journal of Contemporary Microbiology (Scientific Committee)

**Research Publication(s):**

**(a) Book(s):**

1. Microbes and Environmental Management (Studium Press LLC, USA, 2016).
2. Agro-environmental sustainability (Volume I: Managing Crop Health) (Springer, 2016).
3. Agro-environmental sustainability (Volume II: Managing Environmental Pollution) (Springer, 2016).

**(b) Book Chapter (s) Authored/Edited Book/Monograph(s): (05)**

1. Siddharth Boudh, Shashank Tiwari and Jay Shankar Singh (2016). Microbial Mediated Lindane Bioremediation. In: Agro-environmental Sustainability: Managing Environmental Pollution (Vol-II) (Eds: Singh JS and Seneviratne G), Springer, Netherland. (In Press).
2. Jay Shankar Singh and D.P. Singh (2016). 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, (In Press).
3. Sumit Kaushal and Jay Shankar Singh (2016). 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, (In Press).
4. Arun Kumar and Jay Shankar Singh (2016). 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.

5. SR Vimal, Jay Shankar Singh, NK Arora and DP Singh (2016). 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.

**As reviewer**

1. Critical Review in Microbiology (Taylor and Francis)
2. BMC Microbiology (BioMed Central)
3. Scientific Reports (Nature Publishing Group)
4. Frontier in Microbiology
5. Agriculture Ecosystem and Environment (Elsevier)
6. Science of the Total Environment (Elsevier)
7. Forest Ecology and Management (Elsevier)
8. Journal of Environmental Management (Elsevier)
9. Ecological Engineering (Elsevier)
10. Plant Physiology and Biochemistry (Elsevier)

**(c) Papers Published: (12)**

1. Jay Shankar Singh and S Boudh (2016). Climate Change Resilient Crops to Sustain Indian Agriculture. *Climate Change & Environmental Sustainability* (In Press).
2. C Singh, P Chowdhary, Jay Shankar Singh, R Chandra (2016). Pulp and paper mill wastewater and coliform as health hazards: A review. *Microbiology Research Journal* 4(3): 28-39. (IF=0.601).
3. Jay Shankar Singh, PC Abhilash and VK Gupta (2016). Agriculturally important microbes in sustainable food production. *Trends in Biotechnology* 34(10): 773-775. (IF=12.065).
4. Reema Kumari, Jay Shankar Singh and DP Singh (2016). Biogenic synthesis and spatial distribution of silver nanoparticles in the legume mungbean plant (*Vigna radiata* L.). *Plant Physiology & Biochemistry* (In Press). (IF=2.928).

5. Jay Shankar Singh and VK Gupta (2016) Degraded land restoration in reinstating CH<sub>4</sub> sink. *Frontiers in Microbiology* 7: 1-5. (IF=4.165).
6. Jay Shankar Singh, Arun Kumar, AN Rai, DP Singh (2016). Cyanobacteria: A precious bio-resource in agriculture, ecosystem and environmental sustainability. *Frontiers in Microbiology* 7: 1-19. (IF=4.165).
7. Jay Shankar Singh and PJ Strong (2016). Biologically derived fertilizer: A multifaceted bio-tool in methane mitigation. *Ecotoxicology & Environmental Safety* 124, 267-276(IF=2.762).
8. Jay Shankar Singh (2015). Microbes can play major roles in ecosystem services. *Climate Change & Environmental Sustainability*. 3: 163-167.
9. Jay Shankar Singh (2015). Plant-microbe interactions: A viable tool for agricultural sustainability *Applied Soil Ecology* 92:45-46. (IF=2.644)
10. S Tiwari, Jay Shankar Singh, DP Singh (2015). Methanotrophs and CH<sub>4</sub> sink: Effect of human activity and ecological perturbations. *Climate Change & Environmental Sustainability* 3: 35-50.
11. Jay Shankar Singh (2015). Microbes: The chief ecological engineers in reinstating equilibrium in degraded ecosystems. *Agriculture Ecosystems & Environment* 203: 80-82. (IF=3.402)
12. Jay Shankar Singh (2015). Biodiversity: Current perspective. *Climate Change and Environmental Sustainability*. 3: 71-72.

#### 5. Conferences assignments/refresher course

1. **Co-chairman:** International conference on the theme "Changing Paradigm of Management Practices for Sustainable Development" on 5<sup>th</sup> and 6<sup>th</sup> March 2016, BBAU, Lucknow.
2. Attended **Refresher Course** at Academic Staff College, BHU during Dec. 08-28, 2015.
3. **Rapporteur.** National Symposium on "Impact of climate change on plant-microbe interactions and its implications".

Department of Botany, BHU, December 18-19, 2015.

4. **Organizing committee member.** 3<sup>rd</sup> Lucknow Science Congress (LUSCON-2015) & National Conference on Science for Society an Interdisciplinary Approach. 31<sup>st</sup> October-2<sup>nd</sup> November, 2015, BB Ambedkar University, Lucknow.

#### 6. List of invited talks

1. **Fly ash in Agriculture: Beneficial or Risky?** National Seminal on Safe Utilization of Fly Ash in Agriculture on 31 August 2016 Organized by IISS, ICAR, Bhopal and NTPC, Noida.
2. **Microbes as a Valuable Source of Sustainable Energy and Environment.** "Energy and environment: Threats and Remedies" on May 5-6, 2016, RIT, Gwalior, MP.
3. **Exploitation of Bio-agents in Environmental Sustainability.** Inter-national conference on the theme "Changing Paradigm of Management Practices for Sustainable Development" on 5<sup>th</sup> and 6<sup>th</sup> March 2016, BBAU, Lucknow.
4. **Role of Food Microbiology Services in Providing Safe and Healthy Foods.** National Conference on Food Safety and Consumer Awareness. Organized by Innovation Centre for Food Processing & Food Technology on February 21-22, 2016 University of Lucknow.
5. **Bio-fertilizer technology in mitigation of green house gases and global warming.** National Conference (Biokumbh-2016) Recent Trends & Advances in Biotechnology during February 20-21, 2016, NASI, Allahabad.
6. **Bio-fertilizer application in management of paddy agriculture and methane emission.** National Symposium on "Impact of climate change on plant-microbe interactions and its implications". Department of Botany, BHU, December 18-19, 2015.
7. **Use of bio-fertilizers in methane mitigation, eco-restoration and environmental management.** National Conference on "Climate Change and Sustainable Development: Emerging Issues

and Mitigation Strategies (CCSD-2015)" November 23-24, 2015.

8. **Use of bio-fertilizers in Methane mitigation, eco-restoration and environmental management.** 3<sup>rd</sup> Lucknow Science Congress (LUSCON-2015) & National Conference on Science for Society

an Interdisciplinary Approach. 31<sup>st</sup> October-2<sup>nd</sup> November, 2015, BB Ambedkar University, Lucknow.

7. **Research Guidance:**

Ph.D.: 06 Scholars

8. **Membership/Fellowship of Professional/Academic Bodies: Nil**

9. **Google Scholar Profile**



**Jay Shankar Singh**

Department of Environmental Microbiology, BB Ambedkar (Central) University, Lucknow, INDIA  
[Agriculture & Environmental Sustainability](#)

**Google Scholar**

Citation indices	All	Since 2011
Citations	957	918
h-index	16	15
i10-index	21	20

Title 1–20

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

201 2011

**Name of Faculty: Dr. Ram Naresh Bharagava**

SI. No.	Title of Project	Funding Agency	Name of PI	Status of project	Estimated cost/Amount (in Rupees)
1.	Characterization of the recalcitrant organic pollutants (ROPs) and bacterial communities in tannery wastewater (TWW) after secondary treatment process and its toxicological effects in environment.	DST, New Delhi	Dr. R.N. Bharagava	Ongoing	44.14 lakhs

**Details of the Project Sanctioned/ Executed (during 01.04.2015 to 31.03.2016): Nil**

**Research Publication(s)**

**a. Book(s)/Book Chapter (s) Authored/Edited Book/Monograph(s):**

**Edited Book:** Bioremediation of Industrial Pollutants by Ram Naresh Bharagava and Gaurav Saxena (2016) Published By "Write & Print Publications", New Delhi 110 015 (ISBN 978-93-84649-60-9)

**b. Book Chapters: (03)**

1. Ashutosh Yadav, Sandhya Mishra, Gaurav

Kaithwas, Abhay Raj and Ram Naresh Bharagava (2016): Organic Pollutants and Pathogenic Bacteria in Tannery Wastewater and their Removal Strategies IN "Microbes and Environmental Management" Edited by "JAY SHANKAR SINGH & D P SINGH", Published by "Studium Press" (India) Pvt. Ltd. (ISBN: 978-93-80012-83-4).

2. Surabhi Zainith, Sandhya, Sujata, Gaurav Saxena and Ram Naresh Bharagava (2016): Microbes an Ecofriendly Tools for the Treatment of Industrial Wastewaters IN "Microbes and Environmental Management" Edited by "JAY SHANKAR SINGH & D P SINGH", Published by

“Studium Press” (India) Pvt. Ltd. (ISBN: 978-93-80012-83-4).

3. Gaurav Saxena and Ram Naresh Bharagava (2015) Persistent Organic Pollutants and Bacterial Communities Present during the Treatment of Tannery Wastewater. 09: 218-248 IN “Environmental Waste Management” Edited by “RAM CHANDRA”, published by “CRC Press (Taylor & Francis Group)” ISBN 9781498724746

**b. Paper Published:**

1. Gaurav Saxena, **Ram Naresh Bharagava**, Gaurav Kaithwas and Abhay Raj (2015): Microbial indicators, pathogens and methods for their monitoring in water environment. J. Water and Health 13(2): 319-339.

**Research Guidance:**

Ph.D.: 06 Scholars

**Membership/Fellowship of Professional/Academic Bodies: Nil**

**Google Scholar Profile:**

10/25/2016

Dr. Ram Naresh Bharagava - Google Scholar Citations



**Dr. Ram Naresh Bharagava**

Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Raebareli Road  
 Environmental Microbiology (Bioremediation & Metagenomics)

**Google Scholar**

Citation indices	All	Since 2011
Citations	499	435
h-index	11	10
i10-index	11	10

Title 1–20

Cited by Year

## SCHOOL FOR HOME SCIENCES

The School for Home Sciences (SHS) is an important inter disciplinary faculty with an objective to include teaching and research in various aspects of Home Science. 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 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.

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.

At present the School is having two departments. **Department of Human Development and Family Studies** and the **Department of Food Science & Technology**. The Department of **HD&FS** offers **M. Sc. & Ph. D.** programmes with strength of 80 M.Sc. and 18 Ph. D Scholars. The Department of **Food Science & Technology** was started in the session 2013-14 and offers **M.Sc. in Food Science & Technology** with strength of 30 students in each batch. 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. A Day Care center cum Lab Nursery School also is functioning under the Department since 8<sup>th</sup> March 2010.

## DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

The Department of **Human Development & Family Studies** was started in 2007-08 under School for Home Sciences. The Department is running two year **MA/ M.Sc.** and **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 student strength of the Department comprises of 18 Ph.D. students and 80 M.Sc. students. The Department organizes regular seminars on every Friday, where students are given opportunity to speak on topic of their choice in order to harness their oratory 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 participate in taking up community level activities in all the villages through sensitization and awareness workshops, skill training programmers and other activities.

Four research scholars have qualified U.G.C. NET Examination and three research scholar has qualified **UGC NET with JRF Fellowship**. And 02 research scholar have qualified **Inspire Fellowship of DST**.

**Faculty Details:-**

S. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof.(Mrs.)Sunita Mishra	Professor and Head of Department	Ph.D.	Food Science & Nutrition
2.	Dr. Neetu Singh	Assistant Professor	Ph.D.	Food & Nutrition
3.	Dr. Shalini Agarwal	Assistant Professor	Ph.D.	Family Resource Management
4.	Dr. U.V. Kiran	Assistant Professor	Ph.D.	Family Resource Management
5.	Dr. Khwairakpam Sharmila	Assistant Professor	Ph.D.	Human Development
6.	Dr. Madhvi Daniel	Guest Faculty	Ph.D.	Food & Nutrition
7.	Dr. Shalini Kushwaha	Guest Faculty	Ph.D.	Food & Nutrition
8.	Dr. Shakti	Guest Faculty	Ph.D.	Food & Nutrition

Head: Prof. Sunita Mishra, Email: shs bbau@gmail.com

**Community College**

S. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. (Mrs.) Sunita Mishra	Professor	Ph.D.	Food Science & Nutrition
2.	Dr. Shilpa Singh	Guest Faculty	Ph.D.	Food Science & Nutrition
3.	Dr. Kahkashan Parvin	Guest Faculty	Ph.D.	Food Science & Nutrition

**A. Department Level Academic Activities:-**

The Department emphasises extensive academic activities since its inception and in the current academic year, the department organized workshop for 07 days on the occasion of **National Nutrition Week**.

- National Nutrition Week was celebrated from 1<sup>st</sup> September to 7<sup>th</sup> September 2016
- 1<sup>st</sup> of September – Workshop
- 2<sup>nd</sup> of September – Organized Health Camp
- 3<sup>rd</sup> of September – Recipe Competition
- 5<sup>th</sup> of September – Poster Competition
- 6<sup>th</sup> of September – Valedictory Function

The students and faculty were actively engaged in the National workshop “**life cycle approaches towards better Nutrition**”.

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.

**B. Academic Activities Of The Faculty:-****Prof. Sunita Mishra****Awards and Honours received by Faculty in 2015-16****National Award:**

- i. Awarded by Regional Food & Research & Analysis Center 6<sup>th</sup> to 7<sup>th</sup> March 2016.
- ii. Awarded for International Agricultural Congress, for chairing the session Dt. 11/ 11/2016
- iii. Awarded for being an outstanding Academic and Administrative Professional on the occasion of International Women’s Day March 8 (2016).
- iv. **Major Project: UGC Sponsored Major Project on ‘Traditionally locally available Foods and associated knowledge system relating to health & Nutrition among tribal woman of Orissa (Kalahandi and Koraput District)’ 2014-15.**

**Published Books**

- **Practical Manual of Dietetics & Nutrition, selective to scientific books, New Delhi, 2015.**
- **Functional English Grammar, Selective & Scientific New Delhi. ISBN:978-81-8912860-9-2015**

**Academic Visit Abroad -**

Year	Academic Visit Abroad
2016	Visiting Faculty in Chulalongkorn University Bangkok Thailand
2015	Visiting Faculty Nutrition in medicine in Washington, DC

**\*NAAC Assessment Committee Member -**

S. No.	University/Institution	Event	Date
1.	S.N college, Kollam, Kerala	NAAC Assessment Member & coordinator	15/11/2015 to 18/11/2015
2.	Patna Women's College	NAAC Assessment Member & Coordinator	31/12/2015 to 2/01/2016
3.	SN DT Women's University, Mumbai	NAAC Assessment Member & Coordinator	14/12/2015 to 18/12/2015
4.	National Assessment and Accreditation Council (NAAC) Nagarbhavi, Bengaluru	NAAC Assessor	24/05/2016 and 25/05/2016
5.	JNU Govt. College, Chandigarh, Punjab	NAAC Coordinator	8/08/2016 to 11/08/2016

**Ph.D Thesis Guided and Completed (2016)**

S.n.	Name	University	Year	Topic
1	Mrs. Pooja Verma	BBAU	2016	Efficacy of flaxseed in the reduction of blood sugar and cholesterol.
2	Mrs. Megha Sharma	BBAU	2016	A Study on maternal risk factor associated with low birth weight in infants
3	Ms. Preeti	BBAU	2016	Carrier intervention and success among students of community college in Uttar Pradesh

**Thesis Guided For M.Phil.-(2016)**

S. No.	Name	University	Year	Topic
1	Ananya Srivastava	BBAU	2015-16	Formulation of Nutrient optimize bar and evaluation at various parameter
2	Kiran Yadav	BBAU	2016	Study on knowledge about Government scheme and policies for the improvement of elderly people
3	Anjali Rathore	BBAU	2016	Elderly well being institutionalized and non-institutionalized sector
4	Shilpa Singh	BBAU	2016	A study about use of ICT as an educational tool in secondary school education

**M.Sc Guided -(2016)**

S. No.	Name	University	Year	Topic
1	Garima Yadav	BBAU	2015-16	Development of value added bread of pumpkin seeds flour and soya been flour in rich with cranberry and dates
2	Monika Vashistha	BBAU	2015-16	Value added soup for the dietary management of cardiovascular disease
3	NidhiKatheria	BBAU	2015-16	Nutritional and organoleptic qualities of barley and flax seed in corporate brown bread for aged person
4	Suman Singh	BBAU	2015-16	Value-added product of banana chips enriched with sugar powder mint and tomato and its nutritional acceptability
5	Tanuja Yadav	BBAU	2015-16	Preparation of gluten free biscuit by using glutens free flour and compared with standard biscuit
6	Shaivya Mishra	BBAU	2015-16	Value-added product by using pearl millet quinoa and prepare ready to use upma mixes
7	Shakti Chandra	BBAU	2015-16	Detection of heavy metal and toxic substances in green leafy vegetables at the luck now area
8	Nikita Srivastava	BBAU	2015-16	A study on recreational issue time activity for elderly people

**Published Books -**

Books with ISBN No.	-18
Chapter /Published in Books	-32
Manual for B.sc M.sc Home Science	-02
Manual for Diploma & Dietetics	-02
UGC Manual in Home Science	-01

**Involvement in Teaching**

- Started new graduate courses in Food Science And Technology in Satellite campus in AmethiRaibariely
- Started diploma in Dietetics & Nutrition in 2015-16.

**Board of Studies Member**

1. 2014-2016 in Kwaja Moindeen Chisti Urdu ArbiParsi University
2. 2016-2018 in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur.
3. 2014-2017 in Dr Ram Manohar Lohia Avadh Univerity, Faizabad.
4. 2014-2017 in University of Allahabad, (A Central University,) Allahabad.

**National Awards**

- Awarded in 'Food Safety And Quality Control' award by Regional Food Research and Analysis Centre in March 2016.
- Awarded in 'Visualization Of Issue and Prospects' of Dr. Ambedkar for Women Empowerment in India March 2016 by BBAU, Lucknow.
- Awarded in 'Feminist Methodology in Social Science' in March 2016.

**Research Publication****Prof. (Mrs. Sunita Mishra) (International Publications)****Research articles published:****International****2016**

1. **Chandra S and Mishra S** (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
2. **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
3. **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
  4. **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
  5. **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
  6. **Singh D and Mishra S** (2016) Enforcement of SarvaShikshaAbhiyan: A lead to uphold the supremacy of education. International Journal of Current Research. Vol 8(9): 38257-38260. ISSN:0975-833X
  7. **Rai S and Mishra S** (2016) Nutraceuticals and functional foods: An approach to improve the Human Health. International Journal of Current Research. Vol 8(09): 38429-38436. ISSN:0975-833X
  8. **Rathaur A and Mishra S** (2016) Study on institutionalized and non-institutionalized elderly people. International Journal of Home Science. Vol 2(3):77-79.
  9. **Mishra S and Mishra S** (2016) Nutritional Analysis Of Value-Added Product By Using Pearl Millet, Quinoa And Prepare Ready-To-Use Upma Mixes. International journal of food Science and Nutrition. Vol 1(5):41-43.
  10. **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
  11. **Rathaur A and Mishra S** (2016) Psychological and emotional wellbeing in non-institutionalized population. International Journal of Humanities and Social Science Research. Vol 10(16): 49-54. Impact Factor : 5.22
  12. **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
  13. **Katheria N and Mishra S** (2016) Comparative study on normal brown bread enriched with (barley and flaxseed) brown bread for aged person. International Journal of Current Research. Vol 8(8) : 35607-35612. ISSN: 0975-833X
  14. **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
  15. **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
  16. **Tyagi N K and Mishra S** (2016) Dual Burden of Malnutrition. International Journal of Current Research. Vol 8(8):37388-37393. ISSN:0975-833X
  17. **Singh S and Mishra S** (2016) A study an interactive elementary education (3-6) with multimedia. International Journal of Home Science Vol:2(1): 214-215.
  18. **Singh S and 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
  19. **Mishra S and Srivastava A** (2015) To study the physicochemical properties of bael and Aloe Vera blended beverages International Journal of Science and Research Vol 4(9)642-645. ISSN (Online): 2319-7064, Impact Factor (2013): 4.438
  20. **Katiyar S and Mishra S** (2015) Common eating difficulties of mentally challenged children with their associated problem. International Journal for Social Studies. Vol 1(2):19-24. ISSN: 2324-80416.3
  21. **Mishra P and Mishra S** (2015) Gender Inequality in Education among Adolescents. International Journal of Research. Vol 2(8):49-54. ISSN: 2324-6042 3.541

22. **Uma Kamboj & Sunita Mishra** (2015) Prediction of Adulteration in Honey Using Rheological Parameters, *International Journal of Food Properties*, 18:9, 2056-2063, ISSN: 2320-8163
23. **Rathaur A and Mishra S** (2015) Lifestyle Disease and well being in old age. *Journal of Studies in management and planning*. Vol 1(8): 46-53. ISSN:2395-04635
24. **Rathaur A and Mishra S** (2015) Gerontological adjustment of old people and their wellbeing. *International Journal of Current Research*. Vol 7(9):20334-20337. ISSN: 6.226
25. **Yadav K and Mishra S** (2015) Parental Involvement among visually handicapped children in Lucknow City *International Journal of Science and Research*. Vol 4(8):5-8. Impact factor 4.438
26. **Yadav K and Mishra S** (2015) Parents Attitude to Inclusion of Visually Handicapped Children. *International Journal of Research* Vol 2(8):33-42. ISSN: 2348-6848
27. **Sharma M and Mishra S** (2015) Maternal Risk factors for Low birth Weight : A hospital based study in Lucknow. *Journal of Medical Science And Clinical Research*. Vol 3(3): 4761-4769.
28. **Sharma M and Mishra S** (2015) Determinants of low birth weight and relationships between maternal nutrition and birth weight of infants. *Indian Journal of Preventive & Social Medicine*
29. **(2016) Verma Pooja and Mishra S** Potential of Flaxseed in the reduction of LDL in hypercholesterolemic rats (25859-25862) *International Journal of Science and Research*. ISSN:2395-0463. 3.508
30. **(2015) Singh Shilpa and Mishra S** A Study About The Role of Digital Multimedia Among Preschool Children *International Journal of Science and Research* ISSN:2319-7064 6.391
31. **(2015) Production of Citric Acid with different fruit wastes by Solid state fermentation., R Afia, M Sunita,** *International Journal of Science and Research*

#### Resource Person & Key Note Speaker, 2012-2014

S. No.	Date	Institute	Topic
1.	7/03/2016	R-FRAC	Food Safety and Codex Alimentarius
2.	8/03/2016	Khwaja Moinuddin Chishti	Feminist Methodology in Social Sciences.
3.	15/09/2016	National Institute of Public Cooperation and Child Development (NIPCCD)	Malnutrition and early childhood care and education.
4.	5/10/2016	National Institute of Public Cooperation and Child Development (NIPCCD)	Single Girl Child survival
5.	11/11/2016	Integral University	Modernization of Food Processing industries.
6.	2015	Netaji Subhash Chandra Bose P.G. College, Aliganj, Lucknow	Empowerment of youth Issues and Challenges
7.	2015	Khwaja Moinuddin Chishti	Women Empowerment Towards Gender Equality
8.	2015	Maharaja Bijli Passi College, Lucknow	Skill development of Youth
9.	2015	BBAU, Lucknow	Women Rights & Responsibilities
10.	2015	Banaras Hindu University	Capacity Building of Teachers in Higher Education: Research How to write research proposal
11.	2015	Lucknow University	How to enhance your personality
12.	2015	B.B.A.U Lucknow	How to write Research Proposal

## Dr. Neetu Singh

Assistant Professor  
Department of HD&FS  
School for Home Sciences  
BBAU, Lucknow

## Achievements

### Research Paper Published

1. Bhawana, D. and Neetu, S., 2016. Knowledge associated with cardiovascular disease among early adulthood. International journal of current research, 8(10), pp.40768-40773. ISSN: 0975-833X
2. Anita Gautam and **Singh Neetu (2016)**. Effect of intervention on Existing knowledge of consumers about consumer education. European Academic Research.11 (III): 12263-12271.
3. Anita Gautam and **Singh Neetu (2016)**. A Comparative Study on Nutritional Profile of Mushroom Fortified Noodles. International Journal of current Research.8 (8);, pp. 35628-35630.
4. Anita Gautam and **Singh Neetu (2016)** Assessment of consumers awareness about Food Adulteration and its harmful effects in the body.. International journal of research. 4(3)321-324
5. Pragati Srivastava and **Neetu Singh (2016)**. An evaluation of quality of life among hostel inmates. International Journal of Home Sciences2 (3), 96-98.
6. Sonamkushwaha and Singh Neetu (2016). **"optimization of functional spirulina cookies on their sensory attributes"** International Journal of current Research (IN PROCESS)
7. Kiran Bharti and **Singh Neetu (2016)**. "A study on nutritional profile of vegetable waste as a source of dietary fiber rich cake and biscuits for old age". International Journal of current Research
8. Jyotishukla and **Singh Neetu(2015)** "Domestic Violence Against Women: Reason For Stay" published in an journal of medical science and clinical research, ISSN: (e)-2347-176x.vol 3(7),6715-6722.
9. Jyotishukla and **Singh Neetu(2015)** "Domestic Violence against women and its effect on womenhealth in urban area of Lucknow: an Observational Study" published in anInternational journal of researchp-ISSN: 2348-6848 ,e-ISSN: 2348-795X.vol 2(7),495-510.
10. **Singh Neetu, (2015)**"Measuring reproductive health: a study of community-based indicatorsto assessing morbidity". International Journal of currentResearch. 4(9)646 - 648.
11. **Singh Neetu,(2015)**"A compilation of total daily nutrient intake andpsychological morbidities in women of reproductive age groups: A cross-sectional study". International Journal Applied Research. 1(11) 892901.
12. Mishra Malvika, **Singh Neetu,(2015)** "Sensory Evaluation of Developed Snack Products by Rice & Pulses for School Going Children", International Journal of Science and Research (IJSR), ijsr.net, Volume 4 Issue 9, 646 - 648 .
13. Kaleem Ahmad, **Singh Neetu,(2015)** "Evaluation Of Nutritional Quality Of Developed Functional Bread fortified WithMushroom And Dates", International journal of scientific research and engineering studies.2(9).
14. Bhawana, Dayal, and **Singh Neetu(2015)**. "Availability of Prebiotic and Probiotic Foods at Household and Commercial Level: Constraints Ahead for Health." International Journal of Science and Research, Vol 4(9):2015,1095-1098.(IJSR) ISSN (Online): 2319-7064
15. Bhawana, Dayal, and **Singh Neetu (2015)**.Public knowledge of cardiovascular diseases and its risk factors among early adulthood: A review. International Journal of Applied Research 2015; 1(12): 658-660
16. DayalBhawana and **Singh Neetu (2015)** "curing role of underutilized plants at household level" published in an journal of medical science and clinical research, ISSN: (e)-2347-176x.vol 3(2),4241-4245.
17. DayalBhawana and **Singh Neetu (2015)** "molokhia- the wealth for a better helath" published in an International journal of researchp-ISSN: 2348-6848 ,e-ISSN: 2348-795X.vol 2(2),658-661.

### Seminars Presented/Participated

1. Paper presentation on "characterization of snack products developed by various by-products of rice and pulse for school going children" in 31<sup>st</sup> biennial conference of Home Science Association of India "**Science and technology for reaching the Unreached**", organized by Home Science Association of India (Dharwad Chapter). 28<sup>th</sup> - 30<sup>th</sup> Jan 2016.
2. Participated in 3rd Lucknow Science Congress on "**Science for society : An Interdisciplinary Approach**", Babasaheb Bhimrao Ambedkar university Lucknow. 31<sup>st</sup> - 2<sup>nd</sup> Nov 2015
3. Participated in an International Workshop on "**bridging development divide for inclusive growth through science, technology and innovation**", organized by DST - Centre for policy research Babasaheb Bhimrao Ambedkar university Lucknow and supported by department of science and technology govt of india .16th-17<sup>th</sup> Jan 2015.

### TRAINING

1. "**Refresher Course on food safety and public health In food technology organized by Academic Staff College Allahabad University Allahabad**, Sponsored by UGC. 29 MARCH-18 APRIL 2015
2. Participated in skill base training kashmiri handicraft-paper mache organized by school for home sciences, Babasaheb Bhimrao Ambedkar university Lucknow. 28<sup>th</sup> feb- 05<sup>th</sup> march 2015,
3. Participated in a **Hands-on-training "SEM, FTIR, FPLC and Ion chromatography"**, organized by university science instrumentation centre, Babasaheb Bhimrao Ambedkar university Lucknow. 18th-20<sup>th</sup> feb 2015
4. Participated in a national workshop on "**Data analysis and project designing**" organized by school for home sciences, Babasaheb Bhimrao Ambedkar university Lucknow. 13<sup>th</sup>- 19<sup>th</sup> feb 2015,

### Lectures Delivered:

1. Presented a lead lecture on "Rural women's health: Today's issues Tomorrow's challenge" at 4<sup>th</sup> Uttar Pradesh Agricultural

Science Congress held at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur from 2<sup>nd</sup> - 4<sup>th</sup> March 2016.

### Books

1. Neetu Singh, Women Nutrition and Health, Selective and Scientific Books, Publisher and Distributors, New Delhi-110001 ISBN 9788189128616

### Dr. Shalini Agarwal

Assistant Professor

Department of HDFS, School for Home Sciences

### Research Paper Published

1. Pandey S and **Agarwal S**. Prevalence of Dyscalculia among School Going Children. *International Journal in Management and Social Sciences*; 4(4). April 2016. 268-271
2. Singh N and **Agarwal S**. Positive Effect of Violent Video Game across Gender. *International Journal of Current Research*; 8(1), January 2016. 25744-25746.
3. Mishra N and **Agarwal S**. Reasons of workplace hazards faced by elderly. *International Journal of Home Science*, 2(3) 2016; 361-363;.
4. Pandey S and **Agarwal S**. Assessment of Learning Disability (Dyscalculia) among School Going Children: Today's Concern. *International Journal of Current Research*; 7(10), October, 2015. 22033-22035.
5. Sharma A and **Agarwal S**. Opinion of Adolescents about Vulgarities shown in Reality Shows. *Journal for Studies in Management and Planning*; 01(07), August 2015. 50-56.
6. Sharma A and **Agarwal S**. Impact of Reality Shows on Adolescent's Personality. *International Journal of Scientific Research*. 4(8); August, 2015. 605-608
7. Amra R and **Agarwal S**. Bullying Resiliency in Early Childhood. *International Journal Current Research* .7 (12), December, 2015. 24495-24497.
8. Divya and **Agarwal S**. Postural Discomfort among Government and Private Bank Workers. *International Journal of Research*. 2 (8). August, 2015. 237-243.

9. Bandana and **Agarwal S.** Loneliness among Elderly Widow and Widowers. *International Journal of Science and Research (IJSR)*.4 (7). July 2015. 2681-2682.
10. Bandana and **Agarwal S.** Coping strategies of Loneliness among Elderly Widow and Widowers. *International Journal of Science and Research (IJSR)*.4 (7). July 2015. 2700-2701.

### Chapter Published

1. Pandey S and **Agarwal S.** **Childlessness: A Mercy for Women in India.** Women Empowerment towards Gender Equality-2014, Edited by Dr. Tanveer Khadija, Dr. Sabina Bano, Dr. Priyanka. Publisher- M R Publication, New Delhi. P No-109-113. ISBN No.- 93-63262-93-2
2. Pandey S and **Agarwal S.** **Awareness in Women Regarding Umbilical cord preservation of Newly Born's: An Overview Towards Solution.** Edited by- Dr. Smita Chandra. Publisher-Shivalik Prakashan, Delhi. P No-299-307. ISBN No.- 98-93-85144-54-7

### Paper Presented in Conferences

1. Presented a paper on **Economic Empowerment without Economic Freedom for Women:- A Paradox** in the National seminar on Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects organized by Basic Facilities for Women, BBAU, Lucknow, 8<sup>th</sup>-9<sup>th</sup> March, 2016.
2. Presented a paper on **Managerial Skills & Decision Making Prospect among Women Entrepreneurs** in the International conference on Changing Paradigm of Management Practices for Sustainable Development organized by School for Management Studies, BBAU, Lucknow, 5<sup>th</sup>-6<sup>th</sup> March, 2016.
3. Presented a paper on **Environmental Degradation and its Impact on Women** in the International seminar on in the International conference on Globalization, Environment and Social Justice: Perspectives, Issues and Concerns organized by Department of Sociology, BBAU, Lucknow in collaboration with ASEDS, Lucknow, 15<sup>th</sup>-16<sup>th</sup> February, 2016.

4. Made Poster Presentation on **Furniture Arrangement for Children in Autism** in the National seminar on Science and Technology for Reaching the Unreached organized by College of Rural Home Science, University of Agricultural Sciences, Dharwad, 28<sup>th</sup>-30<sup>th</sup> January, 2016.
5. Made Poster Presentation on **Relationship between and Aggression in Middle Childhood** in the National seminar on Science and Technology for Reaching the Unreached organized by College of Rural Home Science, University of Agricultural Sciences, Dharwad, 28<sup>th</sup>-30<sup>th</sup> January, 2016.

### Conference Attended

1. Participated in National Symposium on The Contribution of Dr. B.R. Ambedkar for the Development of Modern India organized by BBAU, Lucknow, 13<sup>th</sup>-14<sup>th</sup> April, 2016.
2. Participated in 3<sup>rd</sup> Lucknow Science Congress and National Conference on Science for Society: An Interdisciplinary Approach organized by BBAU, Lucknow, 31<sup>st</sup> October- 1<sup>st</sup> November, 2015.

### Dr. U.V. Kiran

Assistant Professor  
Department of HD&FS  
School for Home Sciences  
BBAU, Lucknow

### Research Paper Published

1. Mishra, G. and **Kiran, U. V.** 2016. **Barriers in using ICT devices among visually impaired students.** International Journal of Research in Social Science. 6(9): 2249-2496. (IF: 6.278).
2. Mishra, G. and **Kiran, U. V.** 2016. **Instrument Development and Validation of a Quality Scale: ICT enabled devices for differently abled students.** International Journal of Current Research.8 (08): 35760-35765. (IF: 6.226).
3. Devi. K. and **Kiran, U. V.** 2016. **Prevalence of Musculoskeletal Disorders (MSDS) among unorganized worker with reference to Lucknow City, Uttar Pradesh.** International Journal of Current Research.8 (03):27933-27938. (IF: 6.226).
4. Devi, K. and **Kiran, U. V.** 2016. **Occupational Stress among Brick Kiln**

- Workers Interaction of Demographic Variables.** International Journal of Research in Social Science 6 (2):279-292. (IF: 6.278).
5. Devi, K. and Kiran, U. V. 2016. **Exploring the key factors of physical stress among unorganized workers empirical evidence from Lucknow, Uttar Pradesh.** International Journal of Advanced Research. 4(8). 1001-1007. (IF: 5.336).
  6. Devi, K. and Kiran, U. V. 2015. **Regression Modelling of occupational stress among workers of unorganized sector.** International Journal of Science, Technology & Society. 1(2).101-105.
  7. Arfi, N. and Kiran, U. V. 2015. **Perception towards Home Science: A comparative study among home scientist and non-home scientists.** International Journal of Multidisciplinary research and development. 2 (10):598-601. Journal of Studies in Management and Planning. 01(07): (IF: 5.742).
  8. Rathore, S. and Kiran, U. V. 2015. **Impact of Meditation on the Self Esteem of College Going Students.** International Journal of Current Research 7(09). (IF:6.226)
  9. Maurya J. and Kiran, U. V. 2015. **Impact of E-Culture on Loneliness among Elderly.** International Journal of Current Research 7(09):20338-20343. (IF:6.226)
  10. Maurya J. and Kiran, U. V. 2015. **Impact of e-culture on life satisfaction among elderly.** Journal of Studies in Management and Planning. 01(07):389-402. (IF: 3.51).
  11. Kaur S. and Kiran, U. V. 2015. **Stress among parents and caregivers of differently abled children.** Journal of Studies in Management and Planning. 01(07):172-184. (IF: 3.51).
  12. Kaur S. and Kiran, U. V. 2015. **Mobility aids and burden among the parents and caregivers of differently abled children.** Journal of Studies in management and planning, 1(7):632-654. (IF: 3.51).
  13. Singh B. and Kiran, U. V. 2015. **Impact of educational status on social wellbeing among elderly.** International Journal of Research, 2 (1):350-356. (IF: 3.4).
  14. Mishra G. and Kiran, U. V. 2015. **Role of ICT in achieving complete gender equality in India.** International journal of technical research and applications, 3(3):184-189. (IF: 4.39).
  15. Devi K. and Kiran, U. V. 2015. **Work related musculoskeletal disorders among workers in unorganized sector.** International journal of technical research and applications, 3(3):225-229. (IF:4.39).
  16. Singh A. and Kiran, U. V. 2015. **Gender discrimination among disabled women.** European Academic research. 3(2): 2305-2313. (IF: 3.1).
  17. Yadav N. and Kiran, U. V. 2015. **Occupational stress among security guards.** International Journal of Research 2(08):21-31. (IF: 3.51).
  18. Rathore, S. and Kiran, U. V. 2015. **Impact of meditation on the personality of college going students.** International Journal of Research 2(08):319-328. (IF: 3.4).
  19. Nisha and Kiran, U. V. 2015. **Regression modelling of occupational stress among security guards.** Journal for studies in management and planning, 1(10):1-10. (IF: 3.51).
- Seminars Presented/Participated**
1. Presented a paper entitled "Assessment of Occupational Stress among worker in brick kilns" in 31<sup>st</sup> Biennial Conference of Home Science Association of India, organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 28<sup>th</sup> -30<sup>th</sup> January 2016.
  2. Presented a paper entitled " Social media; Issues and challenges" in National Seminar on Value Orientation of Education in the era of Social media organized by Gautam Buddha Degree College on 20<sup>th</sup> -21<sup>th</sup> February, 2016.
- Chapter in Book**
1. Kiran, U.V., 2016. Passive Energy in Residential Buildings. Emerging Energy Alternatives for Sustainable environment. Teri Press. 377-393.
- Dr. Khwairakpam sharmila**  
**Designation:** Assistant Professor
- Published papers in journals during 2015-2016**
- Khwairakpam S, Kaur S and Javed M (2015) Profile of activities performed by street

children in Ludhiana. Agricultural Research Journal **52(1)**: 84-88. Peer Reviewed , NAAS Rating: 3.01

**Paper presented or attended in Conference/ Seminar:**

1. Presented a paper titled "Problems faced by street children with police personnel and other people around the street" at National Conference on Science and Technology for reaching the Unreached organized by the Home Science Association of India (Dharwad Chapter), Karnataka, 28<sup>th</sup> - 30<sup>th</sup> January, 2016
2. Presented a paper titled "Education: A pathway and tool for women empowerment" at National Seminar on Feminist Methodology in Social Sciences Perspective organized by the Department of Geography and Department of Home

Science, KhwajaMoinuddinChisthi Urdu, Arabi-Farsi University, Lucknow, 8<sup>th</sup> - 9<sup>th</sup> March, 2016

3. Presented a paper titled "Overcoming disparity through education" at National Seminar on Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects organized by the Committee of Basic Facilities for Women, BBAU, Lucknow, 8<sup>th</sup> - 9<sup>th</sup> March, 2016
4. Participated 3<sup>rd</sup> Lucknow Science Congress on Science for Society: An Interdisciplinary Approach organized by BBBAU, Lucknow, 31<sup>st</sup> Oct-2<sup>nd</sup> Nov October, 2015

**Extension, co-curricular & field based Activities:**

1. Visited Dhanuashand Village, Mohanlal-ganj, UP on 3<sup>rd</sup> May, 2016

## SCHOOL FOR INFORMATION SCIENCE AND TECHNOLOGY

The School for Information Science and Technology was started since inception of the university. It is an important interdisciplinary faculty in the University, aims at developing as a centre of excellence, especially in the present day information age. The school is dedicated to studies and research on the state of the art in the areas of Library & Information Science, Computer Science, Information Technology and Mass Communication & Journalism. Information Technology is gaining importance as a key resource for the economic, social, cultural and political development of a nation. In a fast developing country like ours availability of right information at the right time and at the right cost becomes very essential. In a nutshell, India needs to pay much more attention to the information sector, if it wants to achieve efficiency and effectiveness while utilizing its vast resources. Presently, the School for Information Science & Technology has four departments i.e., Department of Library and Information Science, Department of Computer Science, Department of Information Technology, Department of Mass Communication and Journalism. All the four departments are running Post Graduation courses at the Masters level and Ph.D. programmes.

The details of the courses are

DLIS	DCS	DIT	DMCJ
2 Years MLISc 1 Year M.Phil	3 Years MCA (Comp. Sc.) 3 Years MCA (Corporate)	2 Years M.Sc. (I.T.) 2 Years M.Sc. (Information Security)	2 Years MCJ 1 Year M.Phil 1 Year P.G. Diploma (Video Production)
Minimum 2 Years Ph.D.	Minimum 2 Years Ph.D.	Minimum 2 Years Ph.D.	Minimum 2 Years Ph.D.

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

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 5 consists of reference books and project report/thesis. The internet facility is available for its students and research scholars through National Knowledge Network (NKN).

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

#### E. Citation Index of the Department

Citations= 196.83

h- Index= 5.67

I-10 index= 2.83

#### F. Departmental 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 organized One Day Technical Session in Computer Science (during LUSCON 2015). Apart from paper and poster session by the participants, invited talks from the eminent expert in the field were also delivered as followed
- Talk by Prof. Anupam Agrawal, IIT, Allahabad on "Human Computer Interaction".
- Talks by Prof. Raghuraj Singh, Director, KNIT, Sultanpur on "Non Functional Requirements".
- Invited talks by Prof. S.P. Tripathi, IET, Lucknow on "Security Issues in Web Application".
- Department has organized lecture series on During 29<sup>th</sup> April -2<sup>nd</sup> May 2016 wherein two talks were organized

#### 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

- 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 on “Quantitative Methods in Open Source Software Evolution: Modeling and Applications”

### G. Course offered/New Course

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

- Dr. Anupam Agrawal, IIT, Roorkee
- Prof. Raghuraj Singh, KNIT, Sultanpur
- Prof. S.P. Tripathi, IET, Lucknow
- Prof. Namita Srivastava, APS University Rewa(M.P.)
- Prof. Manish Gaur, IET (AKTU)
- Sh. Ashish agrarwal, Sr. Technical Director, NIC
- Dr. V.B. Singh, University of Delhi
- Shri Pankaj Agarwal, C.A

### I. Accomplishments of Students

Student’s activities at various levels are regularly organized in the department.

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

#### Ph.D. Scholars List with Supervisors

S. No.	Name	Supervisor
1.	Wasiur Rhmann	Prof.Vipin Saxena
2.	Kamlesh Kumar Verma	
3.	Rashmi Singh	
4.	Vaishali Singh	Prof. S.K.Dwivedi
5.	Ganesh Chandra	
6.	Bhupesh Rawat	
7.	Shweta Vikram	
8.	Chandrakala Arya	

9.	Seema Gupta	Dr. Deepa Raj
10.	Pushpa Mamoria	
11.	Ankita Vaish	Dr. Manoj Kumar
12.	Manoj Diwakar	
13.	Smita Agrawal	
14.	Sonam	
15.	Swati Saxena	Dr.Narander Kumar
16.	Priyanka Chaudhary	
17.	Surender Kumar	

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

Technical session iin Computer Science organized by department during 3<sup>rd</sup> Lucknow Science Congress (LUSCON-2015) on 1<sup>st</sup> Nov., 2015

### L. 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.

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

#### Dr. S.K Dwivedi

#### A. Research Publications

##### Journals

1. Anand Kumar & Sanjay K Dwivedi, “Ontology based Knowledge Management for Administrative Processes of University.” International Journal of Information Technology and Computer Science (IJITCS). 8;7(8):51, 2015.
2. Singh V, & Sanjay K Dwivedi, “Two Way Question Classification in Higher Education

- Domain.*" International Journal of Modern Education and Computer Science. 1;7(9):59. Sep, 2015.
3. Vaishali Singh, Sanjay K. Dwivedi, "Question Answering: A Survey of Research Techniques and Issues", *International Journal of Information retrieval research*, IGI Global, Vol.4. Issue 3., USA, pp14-33, 2015 [ISSN: 2155-6377]
  4. Vaishali Singh, Sanjay K. Dwivedi, "Two Way Question Classification in Higher Education Domain". *International Journal of Modern Education and Computer Science (IJMECS)*, 7(9), pp. 59-65, 2015.
  5. Sanjay K. Dwivedi, Ganesh Chandra "A Survey on Cross-Lingual Information Retrieval." published in *International Journal on Cybernetics & Informatics (IJCI)* Vol.5, No.1, 2016.
  6. Sanjay K. Dwivedi & Bhupesh Rawat, "An architecture for recommendation of courses in e learning", *International Journal of Information Technology and Computer Science (MECS)*
  7. Ganesh Chandra & Sanjay K. Dwivedi, "Assessing Query Translation Quality Using Back Translation in Hindi- English CLIR", *I.J. Intelligent system and Applications*, MECS press.
  4. Shweta Vikram & Sanjay K. Dwivedi, "Impact of web and communication technology on the Indian society", 3<sup>rd</sup> Lucknow Science Congress and *National Conference on Science for Society: An Interdisciplinary Approach*, 2015.
  5. Vaishali Singh & Sanjay K. Dwivedi, "Recent trends in automated question answering," 3<sup>rd</sup> Lucknow Science Congress and *National Conference on Science for Society: An Interdisciplinary Approach*, 2015.
  6. Bhupesh Rawat & Sanjay K. Dwivedi, "Issues and challenges in the implementation of E-learning", 3<sup>rd</sup> Lucknow Science Congress and *National Conference on Science for Society: An Interdisciplinary Approach*, 2015.
  7. Sanjay K. Dwivedi & Bhupesh Rawat, "A Review on Improving Recommendation Quality by using relevant Contextual Information", 3<sup>rd</sup> International Conference on Computing for Sustainable Global Development, New Delhi, 2016, IEEE Xplore.
  8. Sanjay K. Dwivedi & Chandrakala Arya, "Automatic Text Classification in Information Retrieval: A Survey" 2<sup>nd</sup> International Conference on Information and Communication Technology for Competitive strategies (ICTCS- 2016), 2016. (ACM Digital Library).
  9. 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, 2016, SPRINGER.

## Conferences

1. Vaishali Singh & Sanjay K. Dwivedi. "An integrated pattern matching and machine learning approach for question classification." In *Next Generation Computing Technologies (NGCT)*, 2015 1st International Conference on 4 (pp. 762-767). IEEE, 2015.
2. Sanjay K. Dwivedi & Bhupesh Rawat, "A Review on Data preprocessing: A Critical phase in Web usage mining process", International Conference on Green Computing and Internet of Things, IEEE Xplore, pp.506-510, Greater Noida, 2015.
3. Chandrakala Arya & Sanjay K. Dwivedi, "Supervised Word Sense Disambiguation in Information Retrieval: A Short Survey" presented and published in 3<sup>rd</sup> Lucknow Science Congress & National Conference on Science for Society an Interdisciplinary Approach, 2015.
10. Sanjay K. Dwivedi & Chandrakala Arya, "News web page classification using URL Content and Structure Attributes" 2<sup>nd</sup> IEEE International conference on Next Generation Computing Technologies (NGCT-2016), IEEE, 2016.
11. Sanjay K. Dwivedi & Chandrakala Arya, "A Survey Of News Recommendation Approaches", International conference on ICT in Business, Industry, and Government (ICTBIG), IEEE, 2016.

## Organization of Conferences/Seminars/Workshops etc.

Convener of technical session on Computer Science held at Department of Computer Science during LUSCON-2015, Oct-Nov. 2015.

### Members of Board/Committee (Outside BBAU)

1. External expert member Research Committee (Computer Sc. & Engineering) AKTU, Lucknow
2. Expert, University of Lucknow for various academic/ Computerization committees
3. External Expert member at DHSG University Sagar (M.P.) for technical feasibility discussion on implementing the university ERP solution, March 2016
4. Member of advisory/program committee/ review board of various International Conferences in India and Abroad
5. Ermanent reviewer of some renowned journals such as InderScience publishers, Arab journal (SCI)

### Book(s) Book(s)/Book Chapter (s) Authored/ Edited/Book/ Monographs(s) (if any)

#### Information Retrieval by Shree Publishers, N Delhi (in press)

#### Prof. Vipin Saxena

#### A. Research Publications

##### Journals

1. Kenam Verma, Rashmi Singh and Vipin Saxena *Security Authorization for MAC Address Under Distributed Environment*, International Journal of Computer Applications. pp. 21-24, Vol. 131 (2015).
2. Rashmi Singh and Vipin Saxena, *Enhancement of the Level of Security in ATM using Biometric Techniques*, International Journal of Control Theory and Applications, Vol. 9 (21), 2016 pp.267-271, (2016).
3. Kamlesh Kumar Verma and Vipin Saxena, "A Framework for Dynamic Power Management at Network Level", International Journal of Computer Applications (IJCA), Vol no 139/ Number 8, ISBN: 973-93-80891-71-0, (April 2016).
4. Kamlesh Kumar Verma and Vipin Saxena, "An Energy Computation in Distributed Computing Environment through Bellman-Ford Algorithm", in International Journal of Computer Applications (IJCA), Vol No. 142/Number 2 ,ISBN: 973-93-80893-18-9, (May 2016).

5. Wasiur Rhmann and Vipin Saxena, *Test Cases Minimization and Prioritization Based on Requirement, Coverage, Risk Factor and Execution time*, British Journal of Mathematics and Computer Science, Vol. 14, No. 1, pp. 1-9, 2016.
6. Wasiur Rhmann and Vipin Saxena, *Optimized and Prioritized Test paths Generation from UML Activity Diagram using Firefly Algorithm*, International Journal of Computer Applications, 2016, Vol. 145, No. 6, pp. 16-22.
7. Wasiur Rhmann and Vipin Saxena, *Generation of Test Cases from UML Sequence Diagram Based on Extenics Theory*, British Journal of Mathematics and Computer Science, Vol. 16, No. 1, pp. 1-13, 2016.
8. Wasiur Rhmann and Vipin Saxena, *Test Cases Generation for Object-oriented Software from Decision Slicing of UML Activity Diagram*, Journal of Scientific Research and Reports, 2016, Vol. 11, No. 5, pp. 1-10.
9. Wasiur Rhmann and Vipin Saxena, *Test Case Generation from UML Sequence Diagram for Aadhaar card based ATM System*, International Journal of Applied Information System, Vol. 11, No. 4, 2016, pp. 37-43.

##### Conferences

1. Rashmi Singh and Vipin Saxena. *Optimization Techniques for Minimization of Losses Due to Cyber Attack*, 3<sup>rd</sup> Lucknow Science Congress (LUSCON 2015) organised by Babasaheb Bhimrao Ambedkar University, Lucknow (2015).
2. Kamlesh Verma and Vipin Saxena, *Applications of Energy Optimization Techniques for Distributed Computing Networks*, 3<sup>rd</sup> Lucknow Science Congress (LUSCON 2015) organised by Babasaheb Bhimrao Ambedkar University, Lucknow (2015)
3. Singh Rashmi and Saxena Vipin, *A Unified Modelling Language Model for Occurrence and Resolving of Cyber Crime*, Advances in Intelligent Systems and Computing 433 Information System Design and Intelligent Applications Proceedings of Third International Conference INDIA 2016, Volume 1, pp-687-698, (March 2016).
4. Singh Rashmi and Saxena Vipin, *A Brief Review on the Fuzzy Cryptosystem*, RDA'S 18<sup>th</sup>

international conference of sustainable growth and innovation in the new millennium-frontier globe issues and challenges (IC - SGINM) 26,27, (March 2016).

5. Rashmi Singh and Vipin Saxena, *Enhancement the Level of Security in ATM using Password with Biometric*, National Conference on Mathematical Techniques in Engineering and Technology (MTET 2016), organised by Department of Applied Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow (2016).
6. Kamlesh Kumar Verma and Vipin Saxena *A Survey of Energy Computation Techniques in Distributing Computing*, National Conference on Mathematical Techniques in Engineering and Technology (MTET 2016), organised by Department of Applied Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow (2016).
7. Wasiur Rhmann and Vipin Saxena, *Recent Test Case Generation Technique for Software Testing*, 3<sup>rd</sup> Lucknow Science Congress, LUSCON-2015, 31-Oct 2015.(presented)
8. Wasiur Rhmann and Vipin Saxena, *Design and Testing of Biometric Based Secure Ecommerce Website through the UML*, International Conference on Changing Paradigm of management Practices for Sustainable Development, BBAU, Lucknow, 5-6 March 2016.(presented)
9. Wasiur Rhmann and Vipin Saxena, *Genetic Algorithm Based Test Cases Generation for UML Communication Diagram*, National Conference on Mathematical Techniques in Engineering and Technology, 30-31 March 2016, Lucknow .(presented)

### Chapter in Book

1. Rashmi Singh and Vipin Saxena, *Optimization Techniques for Minimization of Losses due to Cyber Attack*, Published in Recent Advances in Mathematical and Computational Sciences (ISBN No. 9789384337674) written by R.C. Sobti et al. (2015).
2. Kamlesh Kumar Verma and Vipin Saxena, Paper Published as Book Chapter “*Applications of Energy Optimization Techniques for Distributed Computing Networks*”, in Recent Advances in Mathematical and Computational Sciences, ISBN NO. 9789384337674, Page No. 107-118, Edited By R.C. Sobti et al.

### Dr. Deepa Raj

#### A. Research Publication

1. 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, USA
2. Raj Deepa and Gupta Seema, “Location based adaptive blockwise lossless image compression” published in Asian journal of Technology and management Reasearch, ISSN:2249-0892, Vol:05, Jan 2016
3. Raj Deepa and Gupta Seema, “framework of adaptive blockwise lossless image compression accepted in Far East journal and Communication ,Issn:0973-70006, Issue:04, 2016”
4. Raj Deepa, “Working principle of Fuzzy logic”, published in International journal of Technology and management research Jan 2016 ,Issn:2249-08926, Issue:04, 2016”
5. Memoria pushpa and Raj Deepa, “Comparision of mamdani fuzzy inference system for multiple membership function” published in IJGSP, ISSN :10.5815, mecs publisher, June 2016.
6. Raj Deepa and Gupta Seema, “adaptive lossless dictionary based double compression”, published in ijgip, volume 5, issue 3, November 2015, ISSN: 2249 – 5452 ,

### Dr. Manoj Kumar

#### A. Research Publications

##### Journals:

1. Manoj Kumar and Ankita Vaish, “Prediction error based compression of color images using WDR coding”, *International Journal of Electronics and Communications, Elsevier*, vol. 70, pp. 1164-1171, June 2016.
2. 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, Apr. 2016.

3. Manoj Kumar and Manoj Diwakar, "CT image denoising using locally adaptive shrinkage rule in tetrolet domain", *Journal of King Saud University Computer and Information Sciences, Elsevier*, March 2016 (<http://dx.doi.org/10.1016/j.jksuci.2016.03.003>).
4. Manoj Kumar and Manoj Diwakar, "A New Locally Adaptive Patch Variation Based CT Image Denoising", *International Journal of Image, Graphics and Signal Processing, MECS Vol. 8(1)*, pp. 43-50, Jan. 2016.
5. Sonam Gautam and Manoj Kumar, "An Effective Image Fusion Technique based on Multiresolution Singular Value Decomposition", *INFOCOMP*, vol. 14 (2), pp. 31-43, Dec. 2015.
6. Manoj Kumar and Smita Agrawal, "Color Image Encoding in DOST domain using DWT and SVD", *Optics and Laser Technology, Elsevier*, vol. 75, pp. 138-145, July 2015.
7. Manoj Kumar, Sonam and Manoj Kumar, "Smart Innovation, Systems and Technologies", **Springer**, vol. 43 (1), pp. 239-248, Oct. 2015.
5. Ankita Vaish, **Manoj Kumar**, "Prediction error based compression of encrypted images", 6<sup>th</sup> International conference on computing and communication technology (ICCCT-2015), **ACM**, Sep. 2015.
6. Manoj Diwakar, Sonam and **Manoj Kumar**, "CT image denoising based on complex wavelet transforms using local adaptive thresholding and Bilateral filtering" In Proceedings of the Third International Symposium on Women in Computing and Informatics, pp. 297-302. **ACM**, Aug. 2015.
7. Ankita Vaish, **Manoj Kumar**, "WDR Coding Based Image Compression Technique using PCA", ICSC-2015, **IEEE**, July 2015.

#### Conferences:

1. **Manoj Kumar** and Manoj Diwakar, "Edge Preservation Based CT Image Denoising Using Wavelet and Curvelet Transforms", In Proceedings of **Springer** Fifth International Conference on Soft Computing for Problem Solving, pp. 771-782, March 2016.
2. **Manoj Kumar**, Smita Agrawal and Triloki Pant, "SVD based Fragile Reversible Data Hiding using DWT", In Proceedings of Fifth International Conference on Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing, **Springer**, vol. 436 (1), pp. 743-756, March 2016.
3. **Manoj Kumar**, Ankita Vaish, "An efficient compression of encrypted images using WDR coding", In Proceedings of Fifth International Conference on Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing, **Springer**, Vol. 436, No. 1, pp. 729-741, March 2016.
4. Smita Agrawal and **Manoj Kumar**, "An Improved Reversible Data Hiding Technique based on Histogram Bin Shifting", In Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics,

#### Dr. Narander Kumar

##### A. Research Publications

#### Journals

1. 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
2. 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)
3. Narander Kumar, Swati Saxena "A Preference-based Resource Allocation In Cloud Computing Systems" Published in Elsevier Procedia Computer Science Journal, Vol. 57 pp: 104-111, 30 July 2015. ISSN: 1877-0509. doi: 10.1016/j.procs.2015.07.375. (Science Direct Indexed)
4. Narander Kumar and Swati Saxena, "Token-based Predictive Scheduling of Tasks in Cloud Data-centers" Published in *Research Journal of Recent Sciences*, vol. 4, Special IVC Issue, pp 29-33, June 2015, ISSN 2277 - 2502.
5. Narander Kumar and Priyanka Chaudhary, "Prevention Technique from Hackers and

Trackers in on-line-Transactions" Published in *Research Journal of Recent Sciences*, vol. 4, Special IVC Issue, pp 1-5, June 2015, ISSN 2277 - 2502.

### Publications with ISBN:

1. 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)*, Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), Udaipur, Rajasthan, India, pp- -, 4-5 March, 2016. (ISBN No 978-1-4503-3962-9)
2. 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)*, Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), Udaipur, Rajasthan, India, pp- -, 4-5 March, 2016. (ISBN No 978-1-4503-3962-9)
3. 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)*, Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), Udaipur, Rajasthan, India, pp- -, 4-5 March, 2016. (ISBN No 978-1-4503-3962-9)
4. Narander. Kumar, Priyanka Chaudhary, "Minimizing the Cost of Losses Due to Cyber Attack through B. B. (Branch and Bound) Technique." Published as a chapter in *Information Systems Design and Intelligent Applications, Proceedings of Third International Conference INDIA 2016*, 8-9th Jan. 2016, published by *Advances in Intelligent Systems and Computing, Springer AISC-433 Series*, pp- 709-718, volume-01, ISBN 978-81-322-2753-3, 978-81-322-2755-7 (eBook)

5. Narander. Kumar, Swati Saxena, "A Semantic Framework to Standardize Cloud Adoption Process" Published as a chapter in *Information Systems Design and Intelligent Applications, Proceedings of Third International Conference INDIA 2016*, 8-9th Jan. 2016, published by *Advances in Intelligent Systems and Computing, Springer AISC-433 Series*, pp- 179-197, volume-02, ISBN 978-81-322-2753-3, 978-81-322-2755-7 (eBook)

### Conferences

1. Narander. Kumar, Ramsingar Verma, Jitendra Kurmi, "Conceptual Modelling through Fuzzy Logic for Spatial Database" Published, as a chapter, *International Congress on Information and Communication Technology*, in *Advances in Intelligent Systems and Computing, Springer AISC Series (ICICT-2015, 9-10th Oct. 2015)*, at Udaipur, Rajasthan, India, ISSN: 2194-5357.
2. Narander. Kumar, Pooja Patel, "Resource Management using ANN-PSO Techniques in Cloud Environment" Published as a chapter, *International Congress on Information and Communication Technology*, in *Advances in Intelligent Systems and Computing, Springer AISC Series (ICICT-2015, 9-10th Oct. 2015)*, at Udaipur, Rajasthan, India, ISSN: 2194-5357.

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

- Dr. Manoj Kumar (Refresher Course) from 11<sup>th</sup> July 2016 to 30<sup>th</sup> July 2016 at UGC, HRDC, Lucknow University.
- Dr. Narander Kumar (Refresher Course) from 08<sup>th</sup> June 2016 to 29<sup>th</sup> June 2016 at UGC, HRDC, Lucknow University.

### O. Invited Talks

#### Prof. S.K. Dwivedi

1. Invited talk on "Machine Translation in India: an overview", at 3<sup>rd</sup> Lucknow Science Congress (LUSCON-2015), Lucknow, 1<sup>st</sup> Nov., 2015
2. Invited to deliver a guest lecture on "Artificial Intelligence: Present and Future", at SRM University, Lucknow, April ,2016.

3. Invited to deliver a guest lecture on "IR and CLIR", at FDP Organized by Dept. of Computer Sc. & Engg, MMMUT, Gorakhpur (UP) July, 2016
4. Invited to deliver a guest lecture on "Performance issues in CLIR", at FDP Organized by Dept. of Computer Science & Engineering, KNIT, Sultanpur (UP) 26<sup>nd</sup> July, 2016

**P. Membership/Fellowship of Professional/ Academic bodies (if any)**

**Prof. Vipin Saxena**

1. Life Membership of Indian Science Congress (Membership No.: L13762);
2. Life Member of Prof. H.S.Srivastava Foundation of Science and Society;
3. Senior Member of International Association of Computer Science and Information Technology (Membership No.: 80341530);
4. Member of International Association of Engineers (Membership No. 113182);
5. Dean of School for Information Science and Technology, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India;
6. Chairman of **Board of Studies, Deptt. of Applied Mathematics**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India;
7. Coordinator of **Department of Applied Mathematics**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
8. Chairman of **School Board of School for Information Science and Technology**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
9. Director of U.I.E.T, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
10. Dean of School of Education, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India;
11. Dean of School of Languages, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India;
12. Chairman of **Departmental Research Committee, Department of Applied**

**Mathematics**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

13. Member of **Research Degree Award Committee of University**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
14. Member of **Academic Council**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
15. **Dean of Alumni Relations**, Babasaheb Bhimrao Ambedkar University, Lucknow.

**Prof. S.K Dwivedi**

1. Expert member Research Committee (Computer Science & Engineering), AKTU (formerly UPTU)
2. Expert member of Faculty Research Committee of Amity University, Lucknow
3. Advisory/TPC member of various reputed International Conference
4. External expert member for various academic/technical committee University of Lucknow
5. External expert member for various academic/technical committee HS Gaur Univ. Sagar(MP)
6. Expert Member, (adjunct faculty) Banasthali University, Rajasthan
7. Member of **School Board of School for Information Science and Technology**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India
8. Chairman of **Board of Studies, Deptt. of Computer Science**, Babasaheb Bhimrao Ambedkar University, Lucknow, India
9. Head, Department of Computer Science, Babasaheb Bhimrao Ambedkar University,, Lucknow, India
10. Member of **Research Degree Award Committee of University** , Babasaheb Bhimrao Ambedkar University, Lucknow, India
11. Life Member of CSI

**Dr. Narander Kumar**

Co-ordinator of M.Tech (Computer Science), Department of CS & E, U.I.E.T

## DEPARTMENT OF INFORMATION TECHNOLOGY

### About Department

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 and M.Tech (Software Engineering). 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. M.Tech (Software Engineering) students are motivated for research and enhance the knowledge in the field of software engineering. 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 two Major Research Project entitled "Quantifying Security in Early Stage of Development Life Cycle - An Object-Oriented Software Perspective" and research project entitled "Symptoms and Sensations Due to Cellular Telephone Uses among the Urban and Rural Population of Uttar Pradesh: A risk assessment" which was funded by UGC and UPCST, Uttar Pradesh respectively. Dr. R. A. Khan was PI of projects. At present, 03 Major Research Project has been sanctioned to the Department by UGC and CST, UP.

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 10 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.

### Objectives of the Department

The main objectives of the Department are:

- To provide professional education and training to all students, irrespective of caste, creed, religion, province, faith, sex, political affiliation and financial status.
- To develop knowledge and skills to the student through teaching, training and research in the field of Information Technology.

- To enhance and refine skills of executive through training and solve the problem of public and business organisation through consultancy.
- To develop close relationship with software industries for providing practical exposure to the student through summer training, seminar, workshops and special lecture.
- To conduct and encourage research in all area of information technology and computer applications.

### Infrastructural Facilities in the Department

The Department is equipped with a computing lab of latest configuration PC's, multimedia enhanced classroom, research room and other sitting rooms.

### Vision and Mission

Department of Information Technology strive to achieve global identity through its innovative methods and strenuous effort for the betterment of the community and to face the fast changing world of Information Technology. We envision creating global IT professionals who inspire a vision to set positive paradigm of action and who have the will and the strength to make a small differences to the larger cause of humanity.

We also visualise that Department of Information Technology would in near future be an Institute of Academic Excellence known for its total commitment to superiority in technical education and research with a holistic concern for quality in life, environment, society and ethics.

The Mission of the Department of Information Technology is to provide quality education by innovating and continuously improving upon the discipline of Information Technology through advance method of training, meaningful research and intimate relations with industry, business and other institutions in the country.

### Academic Activities of the Faculty

**Prof. R. A. Khan**

#### Book chapter(S)

1. Secure Serviceability of Software: Durability Perspective, Rajeev Kumar, Suhel Ahmad Khan, Khan R. A.(2016), Communications in Computer and Information Science, Springer: Proceedings of the International Conference on Smart Trends for Information Technology and Computer Communications is Scheduled on August 6th-7th, 2016 (Accepted). (Scopus and EI-Compendex)
2. Fuzzy Analytic Hierarchy Process for Software Durability: Security Risks Perspective, Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2016), Advances in Intelligent Systems and Computing, Proceedings of the ComNet-2016 International Conference is Scheduled on February 20-21, Springer, 2016.(ISSN Number: 2194-5357)
3. 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)
4. Chandra S., Khan R. A., (2015): Bridging the Gap between Security Factors and OO Design Constructs, Artificial Intelligence and Network Security, DESIDOC, Bilingual International Conference on Information Technology: Yesterday, Today, and Tomorrow, 19-21 February 2015, pp. 244-247 © DESIDOC, 2015.
5. Singh, N., Khan R.A.,(2015): Digital Signal Processing for Speech Signals, Artificial Intelligence and Network Security, DESIDOC, Bilingual International Conference on Information Technology:

### Faculty Details

Name of the Faculty	Designation	Qualification	Specialization
Prof. R. A. Khan	Professor & Head	MCA, PhD	Software Quality Estimation, Software Testing, Software Security.
Dr. Raj Shree	Asst. Professor	MCA, MTech, NET, Ph.D	Mobile Ad hoc Network, Wireless Sensor Network, Routing Security.
Mr. Pawan K. Chaurasia	Asst. Professor	MCA, NET, Ph.D Pursuing	Data Mining, Software Engineering
Dr. Dharendra Pandey	Asst. Professor	M.Sc, MPhil, JRF & NET, PhD	Software Engineering,
Dr. Alka	Asst. Professor	MCA, NET, Ph.D, GATE	Software Engineering, Software Security.

Yesterday, Today, and Tomorrow, 19-21 February 2015, pp. 134-138 © DESIDOC, 2015.

### Research Project

1. Title of Project: Managing Software Security Risk: A Design Perspective Funding Agency: University Grant Commission (UGC), Total Budget: Rs. 14, 40,000/-, Status: Sanctioned, Duration: 3 Years, Role: Principal Investigator

### Ph. D. Thesis Supervised

- Awarded : 11
- Registered : 06

### International Journal

6. Rajeev Kumar, Suhel Ahmad Khan, Raees Ahmad Khan(2016), Durability Challenges in Software Engineering, CrossTalk, The Journal of Defense Software Engineering, Scopus 2016.
7. Chaurasia P. K. & Khan R. A.(2015), "Classification of Software Requirement Errors: A Critical Review", in International Journal of Computer Applications (IJCA) V. 132- No. 7, year Dec. 2015, pp. 9-14.
8. Bonthu Kotaiah, MVS Prasad, Khan R. A., (2015): Automation of Assessment and Approximation of Software Reliability, International Journal of Research, Volume-2, Issue-8, pp. 425-449, 2015.
9. Singh, S., Khan, R. A., (2015): Speaker Recognition and Fast Fourier Transform, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 7, pp. 530-534, 2015.
10. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2015): Revisiting Software Security Risks, British Journal of Mathematics & Computer Science, Volume 11, Issue 6, pp: 1-10, 2015.
11. Singh, S., Khan, R. A., Agrawal A. (2015): A Critical Review on Automatic Speaker Recognition, Science Journal of Circuits, Systems and Signal Processing, Vol-4, Issue-2, pp. 14-17, 2015.
12. Singh, S., Khan, R. A., Agrawal A. (2015): An Investigation of Security Mechanisms in Software Defined Networks, International Journal of Emerging Technology and Research, Volume 2, Issue 1, pp. 619-627, 2015. Impact Factor: 0.997.
13. Singh, S., Khan R.A., Agrawal A., (2015): Flow Installation in Open Flow Based Software Defined Network; A Security Perspective, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 4, Issue 1, pp. 232-237, 2015. Impact Factor: 3.258.
14. Singh, S., Khan, R. A., (2015): Interoperability in Software Defined Networks, International Journal of Computer Science and Mobile Computing, Volume 4, issue 1, Jan, pp 74-77, 2015. Impact Factor: 2.143.
15. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2015): Revisiting Software Security: Durability Perspective, International Journal of Hybrid Information Technology (SERSC Journal) Vol.8, No.2, pp.311-322, 2015.
16. Khan S A, Khan R. A., (2015): Security Improvement of Object Oriented Design using Refactoring Rules, International Journal of Modern Education & Computer Science (IJMECS), vol.7, no.2, pp.24-31, 2015.

### National Journal

1. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2015): Durable Security in Software Development: Needs and Importance, CSI Communication, Vol. 39, Issue 7, pp. 34-36, Oct 2015.

### International Conference

1. Kanika, Alka Agrawal and R.A.Khan (2016), "Big Data: Security Issues and techniques to Overcome from these issues", pp. 314-319: Proceeding of International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT, Sultanpur (UP), India ISBN: 9789386256058.
2. Amal Krishna Sarkar and R.A.Khan (2016), "Hospital Information Management system (HIMS): Information Security Issues and Challenges", pp. 102-105: Proceeding of International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT, Sultanpur (UP), India, 2016 ISBN: 9789386256058.

3. Neeraj Kumar, Alka Agrawal and R.A.Khan (2016), "An approach of a solar powered Alert system for rainfall triggered disaster: Flood perspective", pp. 94-97: Proceeding of International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT, Sultanpur (UP), India, 2016 ISBN: 9789386256058.
  4. Neeraj Kumar, Alka Agrawal and R.A.Khan (2016), "A review of Geo-informatics Teechnologies useful for landslide Disaster Management", pp. 98-101: Proceeding of International Conference on Advanced Computing and Software Engineering (ICACSE-2016) held at KNIT , Sultanpur (UP), India on, 2016 with ISBN: 9789386256058.
  5. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2016), Modern Security Challenges, International Journal of Innovations & Advancement in Computer Science, Volume 5, Issue 4 pp. 67-72: Proceedings of the 4th International Conference on Emerging Trends of Engineering Science Management and its Applications.
  6. Nilu singh & Khan R A,(2016), "Underlying of Text Independent Speaker Recognition", in IEEE Conference (ID: 37465) (10th INDIACom 2016 International Conference on Computing for Sustainable Global Development), held on 16th -18th March, 2016 at BVICAM, New Delhi.
  7. Bonthu Kotaiah, MVS Prasad, Khan R. A., (2015): An Analysis of Software Reliability Assessment with Neuro-Fuzzy based Expert Systems, The 2015 International Conference on Soft Computing and Software Engineering (SCSE 2015), Procedia Computer Science, Volume-62, pp. 92-98, Elsevier, 2015.
  8. Singh, S., Khan, R. A., Agrawal A. (2015): Role of VND for Designing of an Infrastructure Based Software Defined Network, International Conference on Computing, Communication & Automation (ICCCA-2015), pp. 322-325, IEEE Xplore, May 2015.
  9. Singh, S., Khan, R. A., Agrawal A. (2015): Prevention Mechanism for Infrastructure based Denial-of-Service Attack Over Software Defined Network, International Conference on Computing, Communication & Automation (ICCCA-2015), pp. 348-353, IEEE Xplore, May 2015.
  10. Singh, S., Khan R.A., Agrawal A., (2015): Applicability of Software Defined Networking in Campus Network, International Conference on Front. Of Intell. Comput., Advances in Intelligent Systems and Computing, Vol. 2, pp. 619-627, Springer, 2015.
  11. Chandra S., Khan R. A., (2015): Bridging the Gap between Security Factors and OO Design Constructs, Bilingual International Conference on Information Technology: Yesterday, Today, and Tomorrow, pp. 244-247 © DESIDOC, 2015.
  12. Singh, N., Khan R.A.,(2015): Digital Signal Processing for Speech Signals, Bilingual International Conference on Information Technology: Yesterday, Toady, and Tomorrow, pp. 134-138 © DESIDOC, 2015.
- National Conference**
13. Neeraj Kumar, Khan R. A. (2016): Design of An Emergency Ad-hoc Network for Rainfall Triggered Disaster, National Seminar on Emerging Trends & Advancement in Cyber Security under the aegis of Indian Society of Technical Education (ISTE) Chapter Organized by Department of Computer Application, Integral University, Lucknow.
  14. Kanika, Alka Agarwal, Khan R. A. (2016): Big Data Security, National Seminar on Emerging Trends & Advancement in Cyber Security under the aegis of Indian Society of Technical Education (ISTE) Chapter Organized by Department of Computer Application, Integral University, Lucknow, 2016.
  15. Gayatri Kapil, Alka Agrawal, Raees Ahmad Khan (2016) Presented a paper on "Specific Challenges in Big Data Security" in National Seminar on Emerging Trends & Advancements in Cyber Security-, at Integral University, Lucknow.
  16. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A. (2016): Software Serviceability: Durability Perspective, National Seminar on Emerging Trends & Advancement in Cyber Security under the aegis of Indian Society of Technical Education (ISTE) Chapter Department of Computer Application, Integral University, Lucknow.

17. Nilu Singh, Alka Agrawal, Raees Ahmad Khan (2016), Presented a paper on "Text Independent Speaker Identification System and Challenges" in National Seminar on Emerging Trends & Advancements in Cyber Security, at Integral University, Lucknow.
18. Amal K Sarkar & Khan R. A. (2015), "Hospital Information System and its Upgradation, Data Migration and Security Challenges", in National Meet for Research Scholars in Computer Science-2015, organized by DCS- University of Lucknow, Nov. 2015, pp-7.
19. Kanika & Khan R A (2015), "Security Measures of Big Data", in National Meet for Research Scholars in Computer Science-2015, organized by DCS- University of Lucknow, Nov. 2015, pp-9.
20. Neeraj Kumar & Khan R. A. (2015), " Design of a Delay Aware Emergency Adhoc Network Powered by Power Generation Mechanism", in National Meet for Research Scholars in Computer Science-2015, organized by DCS- University of Lucknow, Nov. 2015, pp-13.
21. Rajeev Kumar, Suhel Ahmad Khan, Khan R. A., (2015): Software Security Development: Durability Perspective, National Meet for Research Scholars in Computer Science-2015, Organized by Department of Computer Science, University of Lucknow, Lucknow, India.
22. Nilu Singh, Alka Agrawal & Raees Ahmad Khan,(2015) "A Critical Review on Automatic Speaker Recognition", Science Journal of Circuits, Systems and Signal Processing. Vol. 4, No. 2, July 2015, pp. 14-17.
23. Nilu Singh & Khan R. A.(2015): "Speaker Recognition and Fast Fourier Transform" International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 7, July 2015, pp. 530-534, ISSN: 2277 128X
24. Nilu singh & Khan R. A. (2015) "Extraction and Representation of Prosodic Features for Automatic Speaker Recognition Technology", Advanced in Engineering and Technology, Published by: Mc Graw Hill Education, Dec. 2015, pp.1-7, ISBN-10:93-85965-79-4.

## Dr. Raj Shree

### 1. Award:

1. Awarded Ph.D. in the Department of Information Technology on 26 August 2015 under the guidance of Prof. R. A. Khan, Department of Information Technology, BBAU, Lucknow.

### 2. Articles in Journal:

1. Kavita Sahu, Raj Shree, "Stability: Abstract Roadmap of Software Security" American International Journal of Research in Science, Technology, Engineering & Mathematics, April 2015, vol. 2, issue 9, ISSN 2328-3580, pp. 183-186.
2. Vivek Shukla, Dharendra Pandey, Raj Shree, "Requirements Engineering: A Survey", Communications on Applied Electronics, November 2015, Vol.3, Issue 5, ISSN 22394-4714, pp. 28-31.
3. Ajay Kumar, Raj Shree, "Study Of Wireless Technologies Related To Vehicular Ad Hoc Sensor Network For Intelligent Control And Security", International Journal of Innovations & Advancement in Computer Science, October 2015, Volume 4, Issue 10, ISSN 2347-8616, pp. 28-31.

### 3. Papers Presented in (International/ National) Conference/ Seminar:

1. A paper presented at National Seminar on Babasaheb Bhimrao Ambedkar and social justice, organized by Department of Law, BBAU, LKO. Titled "**A survey of low cost computational platforms and data networks for bridging digital divide**", held on 22<sup>th</sup> September, 2015.
2. A paper presented at National Seminar on Privatization of Education and social justice in India, organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Role of massive online open courses and resources like NPTEL and brihaspati in standardizing education in private institutions**", held on 16<sup>th</sup> & 17<sup>th</sup> Nov-2015.
3. A paper presented at National Seminar on Politics of Development in India, organized by Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**A comparison of OLPC,**

**Akash and raspberry pi for digital literacy in rural India**", held on 12<sup>th</sup> & 13<sup>th</sup> Feb-2016.

4. A paper presented at National Conference on Information Security Challenges, organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Comparison of various Agile Methods**", held on 24<sup>th</sup> Feb-2016.
5. A paper presented at National Conference on Information Security Challenges, organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Despeckling Filtering Techniques to SAR Image**", held on 24<sup>th</sup> Feb-2016.
6. A paper presented at National Conference on Information Security Challenges, organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**A Systematic Literature Review of Test Case Prioritization Techniques**", held on 24<sup>th</sup> Feb-2016.
7. A paper presented at National Conference on Information Security Challenges, organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Critical Issues in Software Requirement: Reliability Prospective**", held on 24<sup>th</sup> Feb-2016.
8. A paper presented at International Conference on Changing Paradigm of Management Practices for sustainable Development, organized by School for Management Studies, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Performance Comparison of various agile methods.**", held on 5<sup>th</sup> & 6<sup>th</sup> Mach-2016.
9. A paper presented at National Seminar on Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects, organized by Committee of Basic Facilities for Woman, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Role of digital literacy and digital media in realizing Ambedkars vision of women empowerment**", held on 8<sup>th</sup> - 9<sup>th</sup> March-2016.
10. A paper presented at National Conference on Mathematical Techniques in Engineering

and Technology, organized by Department of Applied Mathematics, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "**Introduction to free, open source mathematical modeling and simulation tools**", held on 30<sup>th</sup> - 31<sup>th</sup> March-2016.

#### 4. Conference Chaired:

1. Session Chaired at International Seminar on Globalization, Environment and Social Justice: Perspectives, Issues and Concerns, organized by The Department of Sociology, BBAU, Lucknow, held on 15<sup>th</sup> -16<sup>th</sup> February 2016.

#### 5. Membership:

1. Associate Lifetime Member of Computer Society of India.
2. Life time Member of Uttar Pradesh Association for Science and Technology Advancement (UPASTA), India.
3. Life Member of Indian *Science Congress* Association, India.
4. Member of Institute of Electrical and Electronics Engineers.
5. Member of Association for Computing Machinery
6. Member of International Association of Engineers (IAENG)

#### 6. Event Organized:

1. Organized Workshop on Ethical Hacking and Information Security **organized by** Department of Information Technology, BBAU, LKO held on 6<sup>th</sup> - 12<sup>th</sup> Aug 2016.

#### 7. Google Scholar Profile

Citation indices	All	Since 2011
Citations	50	48
h-index	5	5
i10-index	2	2

#### Pawan Kumar Chaurasia

#### Publication

#### International Journal

1. Pawan Kumar Chaurasia, R A Khan (2015): "Classification of Software Requirement Errors: A Critical Review.", International Journal of Computer Application (IJCA)

(ISSN:0975-8887) Volume 132, Issue 7 ,  
December, 2015, pp. 9-14.

### Book Chapter

2. Pawan Kumar Chaurasia (2016): "Cognitive Robotics in Artificial Intelligence", Recent Applications in Artificial Intelligence, ABS Publication, Jalandhar, ISBN 978-81-7072-177-2, 2016.
3. Pawan Kumar Chaurasia (2015): "A Review on Genetic Algorithm Techniques", Conference Proceedings National Conference on Contemporary Computing and Informatics, 8-9, May, 2015, ISSN 978-93-84224-257, pp 306-308, organized by MMMUT, Gorakhpur.

### International /National Conference/Seminar

1. 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.
2. 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.
3. 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 24<sup>th</sup> February 2016.
4. Pawan Kumar Chaurasia (2015): A Review on Genetic Algorithm Techniques, National Conference on Contemporary Computing and Informatics (NCCI-2015), organized by Department of Computer Science and Engineering, MMMUT, Gorakhpur, May 8-9, 2015.

### Participation in Orientation Course/Refresher Course/Workshop

1. Two Day workshop on "Choice Based

Credit System & Outcome Based Teaching/ Learning" organized by Department of Information Technology, 30-31 March 2016

2. One Week Workshop on "Computer Programming and GUI Development using MATLAB" 18-23 March 2016 in IIITDM, Jabalpur, organized by Electronics and ICT academy.
3. Session Chair, Two Days International Seminar on "Globalization , Environment and Social Justice: Perspectives, Issues and Concerns" organized by Department of Sociology, 15-16 February 2016.
4. One Week workshop on "Ethical Hacking and Information Security", 06-12 August 2015, DIT, BBAU, Lucknow.

### Membership/Fellowship of Academic Bodies

1. Life Time Membership, Computer Society of India, New Delhi.( Membership No - I151040).
2. Member, School Board SIST, School for Information Science and Technology, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.
3. Member, Grievance Redressal Committee (GRC), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.
4. Member, Board of Post Graduate Studies (BPGS), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.
5. UPASTA, Life Time Membership, Lucknow. (Membership No. 274/293).
6. Member, International Association of Computer Science and Information Technology, (IACSIT) Singapore (Membership No 80340066).
7. International Association of Engineers IAENG of the following societies: (Membership No 111180)

### Google Scholar Profile (Mr. Pawan Kumar Chaurasia)

Citation indices	All	Since 2011
Citations	18	18
h-index	2	2
i10-index	0	0

**Dr. Dharendra Pandey**

**International Journal**

1. Vishal Agrwal, Dharendra Pandey, Jitendra Kumar, " A Framework for Effective E-Commerce Solution System", Global Journal of Engineering, Science & Social Science Studies, Volume 01, Issue 05, April 2015 ISSN- 2394-3084, pp. 25-32, 2015. (IF: 1.69)
2. Diksha, Dharendra Pandey, "Effective Requirement Management Model to Develop Quality Software Products", Global Journal of Multidisciplinary Studies, Volume-4, issue-5, April 2015, ISSN: 2348-0459, pp. 185-190, 2015.(IF: 2.38 )
3. Palak Khandelwal, Dharendra Pandey, "Development of Risk Management Model for Secure Software Product", South Asia Journal of Multidisciplinary Studies SAJMS April 2015, Vol. 1, No.-3, ISSN: 2395-1079, pp. 79-87, 2015. (IF: 2.24)
4. Vivek Shukla, Dharendra Pandey, Raj Shree, "Requirements Engineering: A Survey", Communications on Applied Electronics (CAE) - ISSN : 2394-4714 Foundation of Computer Science FCS, New York, USA Volume 3- No.5, November 2015 - www.caeaccess.org

**Papers Presented in (International/National) Conference/ Seminar**

1. Dharendra Pandey, Anil Kumar Shukla, Abhinav Shukla, "GIS: Scope and Benefits", International Conference on Advances in Engineering & Technology - AET - 2013 - ISBN- 978 - 81 -927082-1-7, pp. 60-65.
  - a. Digital Identifier:
  - b. [http://iarventure.com/proceedings/AET\\_Bangalore\\_19May13/contents/60-65.pdf](http://iarventure.com/proceedings/AET_Bangalore_19May13/contents/60-65.pdf)
2. Shweta Sankhwar, Dharendra Pandey, "Safeguard against ATM Fraud", Accepted in 6th IEEE International Advance Computing Conference (IACC - 2016), scheduled at Bhimavaram, Andhra Pradesh on 27-28 February, 2016.
3. Dharendra Pandey, "Threat Driven Modeling: An Overview", National Conference on Information Security Challenges, Babasaheb Bhimrao Ambedkar University, Lucknow.

4. Dharendra Pandey, "Critical Issues in Software Requirements: Reliability Perspective", National Conference on Information Security Challenges, Babasaheb Bhimrao Ambedkar University, Lucknow.
5. Dharendra Pandey, "" Security Testing: Problems and Concepts", National Seminar on Emerging Trends and Advancement in Cyber Security, Intergral University.

**Session Chair:**

1. Delivered invited talk in International Conference on "Multidisciplinary Research for the Achievement of Academic Excellence in higher Education (ICMRAAEHE-2015) organized by Jabalpur Management Association at Goa, India on October 2015.

**Research Guidance**

Name of the Degree	Awarded	Thesis Submitted	In Progress
PhD	01	00	05
MPhil	07	00	01

**Research Project**

Title	Funding Agency	Cost	Year	Duration
Analysis of the Impact of Ergonomic Deficiency in Computer Workstations at Government Offices of Uttar Pradesh	CST-UP Under YOUNG SCIENTIST SCHEME	10,44,000	2015	03 Years

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

1. Editor -in- Chief, International Journal of Advance Research in Science & Engineering.
2. Member Advisory Board and Associate Editor, Software Engineering Journal, BioInfo Publication, Navi Mumbai, INDIA.
3. Executive Editor, Software Engineering Journal, Index Copernicus International Journal.
4. Member Expert Panel, International Research & Publication Centre (IRPC), Delhi.

5. Reviewer Journal of Engineering Sciences.
6. Reviewer, International Journal of Computational Journal and Information Security, Australia.
7. Member Editorial Board, Software Engineering Journal, BioInfo Publication, Navi Mumbai, INDIA.
8. Reviewer, International Journal of Computer Application, USA.
9. Technical Committee Member, International Arab Journal of e Technology (IAJeT), Saudi Arab.
10. Professional Membership, International Association of Engineers (IAEng).
11. Member, Uttar Pradesh Association for The Science and Technology Advancement, Lucknow (UP)
12. Member, International Association of Academicians and Researchers (INAAR)
13. Member, Departmental Research Committee (DRC) & Board of Studies (BoS)/ Board of Post Graduate Studies (BPGS), Department of Information Technology, Babasaheb Bhimrao Ambedkar University, (Central University), Lucknow (U. P.).
14. Member, Board of Studies (BoS), Department of Computer Science, Surguja University, Surguja, Ambikapur (C. G.).
15. Member, Grievance Redressal Committee, Department of Information Technology, Babasaheb Bhimrao Ambedkar University, (Central University), Lucknow (U. P.).
16. Member, Expert Panel, DOEACC, Ministry of IT, Govt. of India.

## 7. Google Scholar Profile

Citation indices	All	Since 2011
Citations	149	135
h-index	6	5
i10-index	4	3

### Dr. Alka

#### Book

- Software Vulnerability: Identification and Minimization, A. Agrawal & R A Khan, Verlag/Publisher, Scholar Press Deutschland, GERMANY (ISBN: 978-3-639-66143-9)
- Software Engineering: A Practitioners Approach, R.A. Khan, A. Agrawal, Narosa Publication, ISBN: 978-81-8487-381-8, [http://www.narosa.com/computer\\_science.asp](http://www.narosa.com/computer_science.asp) (Also published by its Int. Associate, Alpha Science, Oxford UK: [http://www.alphaasci.com/books\\_display.asp?title=1-84265-909-0](http://www.alphaasci.com/books_display.asp?title=1-84265-909-0))

#### Book Chapter

1. S. Singh, R. A. Khan and A. Agrawal, "Applicability of Software Defined Networking in Campus Network", In proceeding of the Third International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA), Advances in Intelligent Systems and Computing, Volume 328, 2015, pp. 619-627.
2. A. Agrawal & R.A.Khan, "Assessing and Improving Encapsulation for Minimizing Vulnerability of an Object Oriented Design", Communication in Computer and Information Science, Springer-Verlag, vol. 250, no. 2, pp. 531-533.
3. A. Agrawal & R. A. Khan, "A Vulnerability Metric for the Design Phase of Object Oriented Software", Communication in Computer and Information Science, CCIS 94, Springer-Verlag Berlin Heidelberg, pp.328-339.
4. S. Chandra, R.A. Khan and A. Agrawal "Software Security Factors in Design Phase", Information Systems and Technology Management, CCIS 31, Springer, pp. 339-340.

#### International Journal

1. S. Singh, R.A. Khan and A. Agrawal, "An Investigation of Security Mechanisms in Software Defined Networks", International Journal of Emerging Technology and Research, vol. 2, no. 1, 2015, pp. 76-84.

#### International Conference

1. Agrawal & R.A. Khan, "A Framework for Vulnerability Minimization- Object Oriented Design Perspective", 2nd International Conference on Computer and Communication Technology, ICCCT, IEEE Computer Society, pp. 499-504.
2. Agrawal, S. Chandra & R. A. Khan, "An Efficient Measurement of Object Oriented

Design Vulnerability”, The International Dependability Conference, ARES, IEEE Computer Society, pp. 618- 623.

3. S. Chandra, R. A. Khan & A. Agrawal, “Security Estimation Framework: Design Phase Perspective”, Sixth International Conference on Information Technology, New Generations, ITNG, IEEE Computer Society, pp. 254-259.
4. R.K Choudhary, S. Chandra, A. Agarwal & A.Yadav, “Software Fault Tolerance Techniques”, Proceedings of Advanced Computing and Communication Technologies, pp. 34-43.
5. N. Singh, A. Agrawal and R. A. Khan. “Gaussian Mixture Model: A Modeling

Technique for Speaker Recognition And Its Component.” Fourth International Conference On ‘Advanced Computing And Communication Technologies For High Performance Applications’ At Fisat, Pp. 27-32.

### Research Guidance

Name of the Degree	Awarded	Thesis Submitted	In Progress
PhD	01	00	04

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

1. Awarded UGC Dr. Kothari Post-Doctoral Fellowship

## DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

The Department of Library and Information Science is functioning in the University since 1997 with the aim to provide up-to-date LIS education to the students through effective teaching and practical training. The department is working with the vision to educate individuals for career as Librarians, Information Professionals, Archivists, Information Scientist and Knowledge Managers. The students are trained in order to undertake instruction, research and service oriented programmes that require current emerging information technological developments and market requirements. Presently the department is offering one year Bachelor of Library and Information Science (BLISc.), one year Master of Library and Information Science (MLISc), M. Phil. and Ph.D. programmes in Library and Information Science. Keeping in view the market demands and employment opportunities for the students, the courses are being restructured at regular intervals. The department has so far produced more than 450 Library and Information Professionals, 35 M.Phil. and 19 Ph.D. scholars.

The Department of Library and Information Science has one state-of-the-art Information Technology Laboratory with Xeon Server, 25- Personal Computers, Scanners, Wi-Fi Internet connection, video conference system, smart board,

LCD TV, etc, and departmental Library which has collection of 559 books. The projectors are installed in the class rooms, and aims mainly for advanced learning and research. The Department has been established with the following objectives:

1. An understanding and appreciation of vital and pervasive role of Information as an essential tool in all development activities;
2. An understanding of the application of Information Technology in the handling of information in the libraries and information centers;
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.

### A. Faculty Details

Sl. No.	Name	Designation	Qualifications	Areas of Specialization	Email
1.	Prof. K. L. Mahawar	Professor	MLISc, CIC, Ph.D.	<ul style="list-style-type: none"> <li>- Information Science</li> <li>- Information Systems and Programmes</li> <li>- Information Processing</li> <li>- Academic Information Systems and Services.</li> <li>- Knowledge Management</li> </ul>	Mahawar_67@yahoo.co.in
2.	Dr. M. P. Singh	Associate Professor and Head	M.Com, MSc(IT), MBA, MLISc, PhD(LIS)	<ul style="list-style-type: none"> <li>- Knowledge Organization</li> <li>- Research Methodology in LIS</li> <li>- Information of Lib &amp; Sci.</li> <li>- Management &amp; Technology</li> <li>- Information sharing before Biometric study</li> </ul>	mpsinghdllis@gmail.com
3.	Dr. Sharad Kumar Sonker	Assistant Professor	MLISc, PGDCA, Ph.D.(LIS)	<ul style="list-style-type: none"> <li>- IT Application to LIS</li> <li>- Management of LICs</li> <li>- Digital Libraries and IRS</li> <li>- Academic Library system</li> </ul>	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

## A.2. Departmental Level Activity:

National Seminar on Role of Libraries to Educate Down Trodden Society in the present day Scenario (NSRLEDTS-2015) on 9<sup>th</sup> August 2015.

## B. Academic Activities of the Faculty

### B.1 Book(s) chapter/Edited books/Monograph(s)

1. Mahawar, K.L.; Singh, M.P.; Sonkar, S.K.; Choudhary, R.K. and Verma, Shilpi (ED.) Conference proceeding published on titled "Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015) Bharti Publishers and Distributors, Faizabad (U.P.) ISBN: 978-93-81797-80-8. 2015. P. 1-367
2. Mahawar, K.L.; Singh, M.P.; Sonkar, S.K. et al. (2015). Role of Libraries to Educate Down Trodden Society in the Present Day Scenario (proceeding of the conference). Srinkhala publishing house, Faizabad (U.P.) ISBN: 978-81-925879-8-1.
3. Sonkar, S.K.(ED.) Information Technology Applications in Libraries, Shree Publishers pp.1-142. ISBN: 798-81-8329-765-3.
4. R.C. Sobti, K.L Mahawar, Shilpi Verma, Suman Mishra. Narendra (ED.) . *Trends in Library and Information Science* . Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7
5. R.C Sobti, Deepa Raj, Shilpi Verma, Vipin Saxena and Suman Mishra(ED) *Recent Advances in Mathematical and Computational Science*. Narendra Publishing House. New Delhi. ISBN: 978-93-84337-67-4
6. K. L. Mahawar, Dr. M.P. Singh, Dr. S.K. Sonker, Dr. R.K. Choudhary, Dr. Shilpi Verma (ED) , *Role of Libraries to educate down trodden society in the present day*

*scenario*. Shrinkala Publishing House, Khan Market, Near Avadh University, Faizabad, 2015 ISBN: 978-81-925879-8-1

### Books (published)

#### Dr. Shilpi Verma

- Verma, Shilpi and Mahawar, K. L (2015). Quality of Work Life in Special Libraries. Shree publishers, New Delhi. ISBN: 978-81-8329-799-8. P. 1-120.
- Rekha Verma and Shilpi Verma "Acquiring Collection in University Libraries" .Laxmi publishing, New Delhi. ,ISBN: 978-93-82120-74-2

### Papers in Books (published)

#### Chapter in Books

#### Prof. K.L. Mahawar

- Mahawar, K. L.; Negi, Udit and Mishra, Divya (2015). Use of electronic information resources by the users of IIT Guwahati Library: a study In: Trends in Library and Information Science by Sobti, R.C.; Mahawar, K. L.; Verma, Shilpi and Mishra, Suman. Narendra publishing house. Delhi. ISBN: 978-93-84337-66-7. P. 1-219.

#### Dr. M.P. Singh

- Satish Kumar and Singh, M.P. (2015). RFID Technology Applications in Libraries of Modern Era. Information Technology Applications in Libraries, Shree Publishers pp.1-142. ISBN: 798-81-8329-765-3.
- Bala, Madhu & Singh M.P. (2015). Book Title "Information Technology application in libraries" "entitled "Use of Mobile technology in Modern Library Services" pp; 191-203. Edited by Dr. Sharad Kumar Sonkar. Published by Yaju Education of

India, New Delhi. 2015. ISBN NO- 978-81-8329-765-3.

#### **Dr. Sharad Kumar Sonker**

- Sonker, S.K. (2015). Electronic Resource Discovery Services in Academic Libraries, Automation to cloud computing: a major shifts and practices edited by R.B. khandare, S.S. Sonwane and B.G. mukhyadal.(ed.) by Arthava publication: Jalgaon. pp.89-95,
- Sonker, S.K. (2015). Web directory: an overview. Information Resource Management in Digital Librarianship/ Manoj kumar Verma and Akhandanand Shukla(ed.) by shree publishers & Distributors, New Delhi, pp 70-78.
- Sonker, S.K. (2015). Management of Electronic resources in the Academic Library. Automation & Digitisation software of Library: Open source & commercial edited by Dr. Mage Ram &Y.K.Publisher , Agra pp. 222-228,
- Sonker, S.K. (2015). Subject Gateways: an overview. Current trend in library & information science in Digital Era. Edited by Ashish kumar sharma,Sanjay kumar Karn and Basanta kumar Das.New Delhi:satyam publishing, pp. 369-379.

#### **Dr. R. K. Choudhary**

- Choudhary, R.K. and , Aklesh Kumar (2015) "Challenges and opportunities of E-resources in Academic Libraries: An Overview" In Trends in Library and Information Science. Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7. pp 1-6
- Choudhary, R.K. and Ranjan, Sumit (2015) "Information Seeking Behaviour Among Users in Women's College at Lucknow" In Trends in Library and Information Science. Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7. pp 33-42.
- Yuvraj, Mayank, Kumari, Khushboo and Choudhary, R.K. (2015) "Utility of electronic resources among the faculty members of Visva-Bharti University" In Trends in Library and Information Science. Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7. pp95-122.
- Virendra, Kumar, Choudhary, R.K. and

Rani, Mamta (2015) "Status of library services, sources and system to pupil teachers in selected education institutes of Lucknow: A study" In Trends in Library and Information Science. Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7. pp. 133-144.

- Choudhary, R.K. and Vivek, Kumar (2015) "Importance of E-book in digital environment: An overview" In Trends in Library and Information Science. Narendra Publishing House, New Delhi. ISBN: 978-93-84337-66-7 pp. 177-182.

#### **Dr. Shilpi Verma**

- 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
- Gupta Shreya and Verma Shilpi (2016): "Interactive Open Access Publishing" in Open Access: Gateway for New Librarianship edited by S.Dhanavandan, M. Tamizhchelvan, Dominant Publishers, New Delhi Pg. 37-41 ISBN: 978-93-84161-84-2

#### **Papers in Conference Proceedings (published)**

##### **National Conference:**

#### **Dr. M.P. Singh**

- Singh, M.P. & Nigam, Karnika. (2016). Entitled " Utilization of Social Networking tools to promote library services In modern Era" in National Conference on "Knowledge Organization in Academic Libraries (KOAL-2016)" Organized by Library professionals Association (LPA) New Delhi, Venue at P.K.Das Institute of medical Science Plakkad, Kerla New Delhi; Ahuja Publishing House, pp. 74-81 on March 09-10, 2016, ISBN: 978-93-80316-52-9
- Singh, M.P., Kumar, Satish & Gautam, Virendra Kumar. (2016). Entitled " Central University Library Websites in Delhi : A comparative Study " in National Conference on "KnowledgeOrganization in Academic Libraries (KOAL-2016)" Organized by Library professionals

Association (LPA) New Delhi, Venue at P.K.Das Institute of medical Science Plakkad, Kerla New Delhi; Ahuja Publishing House, pp. 277-289 on March 09-10, 2016, ISBN: 978-93-80316-52-9

- Nigam, Karnika & Singh, M.P. (2015). Entitled "Use of Social Networking Sites among faculty members of Doon University, Dehradun" in National Seminar Proceeding "Role of Libraries to educate down trodden society in the present day scenario" Organized by DLIS, BBA University, : Faizabad ; Shrinkhala Publishing House held on August 09, 2015, ISBN: 978-81-925879-8-1

#### Dr. Sharad Kumar Sonker

- Sonkar, S.K., Ravindra Kumar and Shah A. (2015) "Stress management of LIS professionals in Academic Libraries of Lucknow: A study. In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp.55-63.
- Verma, A. And Sonkar, S.K. (2015) "Content creation for digital library: An Overview" In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp.178-182.
- Rajbanshi,, V. J., Sonkar S.K. and Shyam Dev (2015) "Digitisation and preservation of manuscript: an overview. In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 294-298.

#### Dr. R. K. Choudhary

- Aklesh, Kumar and Choudhary, R. K. (2015) "Librarianship in context of Social Media: an Overview. In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 119-122.
- Verma, Pooja and Choudhary, R. K. (2015) "Public Library System in Jammu & Kashmir State." In the proceeding of Role of Libraries to Educate down Trodden

Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 123-127.

- Yuvraj, Mayank, Kumari, Khushboo and Choudhary, R.K. (2015) "Mobile technologies for Libraries. In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 230-238.
- Rani, Mamta and Choudhary, R.K. (2015) "Enormous Skill in Tiny Space: An Advantage of Digital Era." In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 328-336.
- Ranjan, Sumit and Choudhary, R.K. (2015) "Use pattern of electronic information resources by library Professionals and students: an online study". In the proceeding of Role of Libraries to Educate down Trodden Society in the present day scenario. NSRLEDTS-2015 edited by Mahawar, K. L., et.al. ISBN: 978-81-925879-8-1. pp. 337-343

#### 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

#### **B.4 Papers in National Journals (published):**

##### **Dr. M. P. Singh**

- Nigam, Karnika and Singh, M.P. "Use of Social Networking Sites by faculty members of Central Himalayan Region: A study of Kumaun University." *Journal of information management*, Vol.2 Issue (2), pp. 102-113, July 2015. ISSN: 2348-1765
- Pandey, S.K. and Singh, M.P. "An Evaluation of Users' Satisfaction Towards Library Resources and Services in the Bharati Vidyapeeth's College of Engineering, Delhi." *e- Library Science Research Journal* Vol.3 Issue (6), pp. 1-9, April 2015. ISSN: 2319-8435. <http://www.lsrj.in/ArticleDetails.aspx?id=459>

##### **Dr. S. K. Sonker**

- Shah, Anubhav; and Sonkar, S K (2016). Status of Government District Library of Uttar Pradesh: with special reference to Lucknow and Saharanpur division, *E-library Science Research Journal*. Vol 5(4), Feb. 2016, pp1-11
- Verma, Anjali; Sonker, Sharad Kumar; and Jyoti devi (2015). A Bibliometric study of the journal of Indian library association for the period 2008-14. *Journal of advance research in Library and information science*, 2(4):p.7-15 ISSN: 2395-2172.
- Sonker, Sharad Kumar; Verma, Anjali; and Priyanka Singh (2015). Use of UGC-Digital Library consortium by Faculty members and research scholars of Lucknow

university: A study, *KIIT Journal of Library and Information Management*. 2(2);163-173. ISSN: 2348-0858.

##### **Dr. R.K. Choudhary:**

- Ranjan, Sumit and Choudhary, R. K. (2016). "Open Access Initiatives: A Study of ICAR National Research Centre for Equines Library" in *e-Library Science Research Journal*, Impact factor-2.2030 (UIF) ISSN 2319-8435 V4, Issue-5 Mar 2016. pp. no.84-97. (Available online at [www.lsrj.in](http://www.lsrj.in)).
- Aklesh, Kuamr and Choudhary, R. K. (2016). "Present Status of Regional Medical Research Centre Library, Bhubaneswar: A Study" in *e-Library Science Research Journal*, Impact factor-2.2030 (UIF) ISSN 2319-8435 V4, Issue-5 Mar 2016. pp. no.14-21. (Available online at [www.lsrj.in](http://www.lsrj.in)).

##### **Dr. Shilpi Verma**

- 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)

#### **Paper published in International conference:**

##### **Dr. M. P. Singh**

- Madhu bala and Singh, M.P (2015) "Suchna Prodhogiki Dwara Pustkalyo Ke Via Ski Or Agrasar Kadam: Kal Aaj Or Kal, in **International Conference** on topic "Suchna Prodhogiki: Kal Aaj Or Kal" organized by DESIDOC DRDO, New Delhi 2015, PP 123-127 during 19-21 February, 2014. ISBN 978-81-86514-69-6.
- Madhu bala and Singh, M.P (2014) "E-Learning in Higher Education New Vistas of IGNOU, in **International Conference** on Tecnia SRFLIS Summit 2014 Content to connectivity, organized by Tecnia advanced Studies institute New Delhi and Satija research Foundation for Library and information Delhi. Held at Dew Delhi, PP 395-399 during 11-12 April 2014, ISBN 978-81-927409-2-8

##### **Dr. S. K. Sonker**

- 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. Jalgoon. Pp.241-243. ISBN: 978-93-85664-16-8.

- Srivastawa, Prachi and Sonkar, S.K (2015): Paper "Authorship Patterns and Collaborative in LIBRES Journal and Information Science, 2004-2013" in 60th ILA International (Diamond Jubilee) Conference. Embedded Librarianship and Technological Challenges of the Digital Age. Organized by A.C. Joshi Library. Panjab University, Chandigarh held on 8th- 10th April 2015, p.p.898-904.
- Rajbanshi, V.J and Sonker, S.K. \*(2015): paper "Information Literacy in Curriculum: An Important Role in Students Learning and Critical Thinking" in International Conference Tecnia SRFLIS Summit 2015 organized by Tecnia- SRFLIS, Noida held on 11th -12th April, 2015

#### Paper published in International Journals:

##### Prof. K. L. Mahawar

- Mahawar, K. L. and Narayan, Yogesh Chandra (2015): Value Assessment of Cultural Properties at State Museum Lucknow: A Study. *International Journal of Humanities and Social Science Invention*, E-ISSN: 2319-7722. P-ISSN: 2319-7714, Vol.4. Issue 3. March 2015. p. 27-29. (Impact Factor : 1.756 (AQCC))

##### Dr. M. P. Singh

- Information needs and gathering habits among farmers of Lalitpur Districts in Bundelkhand Region of Uttar Pradesh: A study has been published in *International journal of library and Information management* (Peer - Reviewed refereed ), Published by IJLIM Society Faridabad , ISSN - 975-878X
- Kumar, Ravindra and Singh, M.P. "Digital Literacy among library and information science research scholars of AMU and BHU University: A Comparative Study" in *International Journal of Applied Research*, Vol2 Issue (3), pp546-548. 2016 ISSN Online: 2394-5869.

- Nigam, Karnika and Singh, M.P. "Use of Social Networking Sites by faculty members of state University of India: A study of Doon University." In *International Journal advances In Social Science and humanities*, Vol. 3 Issue (10), pp. 9-14, October 2015. ISSN: 2347-7474
- Kumar, Ravindra and Singh, M.P. "Impact of digital literacy among research scholars of library and information science of Babasaheb Bhimrao Ambedkar university Lucknow : A Study ." *e- Library Science Research Journal*, Vol.3 Issue (11), pp. 1-7, September 2015. ISSN: 2319-8435.

##### Dr. S. K. Sonker

- Verma, Anjali; Sonker, Sharad Kumar; and Gupta, Vibha (2016) "A Citation Analysis of the Journal of the E journal, Library Philosophy and practice (2005-2014)" (2016). *Library Philosophy and Practice* (e-journal). Paper 1358. <http://digitalcommons.unl.edu/libphilprac/1358>
- Lokesh kumar, Sonker, S.K. and Rajbanshi, V. (2015) Use of E-Journals by the Research Scholars of Banaras Hindu University: A Survey., *International Journal of Library and Information Studies*, Vol 5(4) Oct-dec, 2015 pp.56-64
- Verma, Anjali; Sonker, Sharad Kumar; and Gupta, Vibha (2015) A bibliometric study of the library and philosophy and practice (E-journals) for the period 2005-2014. *Philosophy and Practice* (e-journals), July, 2015

##### Dr. Shilpi Verma

- Kumar, Shiv, Verma, Shilpi (2016): " **Collection Development and Policies of Central Library IIT BHU and Indore: A Comparative Study** in *Asian Journal of MultiDisciplinary 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)
- 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. Peer Reviewed, indexed in Google scholar

- Verma, Shilpi and Arora, Mega (2016). **“Role of the National Institute for the Visually Handicapped in the dissemination of Information to visually impaired people”** in Journal of Administration, Taylor & Francis Group, Routledge ISSN: 0193-0826(Print) 1540-3564 (Online), Vol 56, Issue-3,2016 Journal Homepage: <http://www.trandfonline.com/loi/wjla20> (h Index :14). DOI:10.1080/01930826.2016.1146531 Pg. 285-294
  - Gupta, Shreya, Verma, Shilpi and Mahawar, K.L. (2016). **Information Sources, Services and Users Satisfactory Survey of Sir Dorabji Tata Memorial Library, TISS, Mumbai** in e-Library Science Research Journal. Macr2016, Vol.4. Issue-5, ISSN: 2319-8435. **(International Recognized Double Blind Peer Reviewed Research Journal)** (Impact Factor 2.2030 (UIF) Indexed in DOAJ, Google Scholar, DRJI, BASE, EBSCO, Open J Gate)
  - Verma, Shilpi and Arora, Mega (2016). **“Current Awareness service and its importance among the user’s of the National Institute for Visually Handicapped: A study”** in Asian Journal of MultiDisciplinary Studies (Double-Blind Peer Reviewed, Multi Disciplinary, International Research journal) Vol-4, No. 4, March 2016, Pg. 174-176, ISSN: 2321-8819 online). (Peer Reviewed, indexed in Google scholar, J-Gate & Other Databases, International) (Impact factor-1.498, H-Index:3)
  - Kumar, Shiv and Verma, Shilpi (2015). **“Collection Development and Services of newly established indian institute of technology (IIT) Libraries: A Comparative Study of IIT, PATNA and Ropar** In e-Library Science Research Journal. June 2015, Vol.4. Issue-2 Dec. 2015, ISSN: 2319-8435. (International Recognized Double Blind Peer Reviewed Research Journal) (Impact Factor 2.2030 (UIF) Indexed in DOAJ, Google Scholar, DRJI, BASE, EBSCO, Open J Gate)
  - Verma, Shilpi and Arora, Mega (2015). **“Visually Impaired user’s perception towards library of national institute for the visually handicapped, Dehradun: A study”**. In e-Library Science Research Journal. June 2015, Vol.3. Issue-8, ISSN: 2319-8435. (International Recognized Double Blind Peer Reviewed Research Journal) (Impact Factor 2.2030 (UIF) Indexed in DOAJ, Google Scholar, DRJI, BASE, EBSCO, Open J Gate)
- International conference (Paper presentation)**
- Dr. Shilpi Verma**
1. 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
  2. Verma, Shilpi (2016) presented a paper titled “role of Libraries in Providing Literature on Humanism” in International Seminar on Humanism and Literature org. at Mahamaya Govt. Degree College, Mahona, Lucknow on 12-13 March 2016
  3. Verma, Shilpi (2015) presented a paper titled Awareness and use of ICT in libraries of Dehradun: A comparative study of a central library of university of petroleum of energy studies and wild life institute of India. In the Third International conference on “ Innovation in technology and Management (3ICON-2015). Held at computer software Institute Auditorium, J Block Main Market Saket, New Delhi
  4. Verma, Shilpi (2015). Presented a paper entitled “Effective information resources on internet in Zoology. At international symposium on Biodiversity: Status, Utilization and Impact of Challenging climatic conditions organized by Babasaheb Bhimrao Ambedkar University, Lucknow.
- 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
3. Verma, Shilpi (2016) : Presented a paper titled as "Statistical techniques used in LIS" National conference on Mathematical Techniques in Engineering and Technology (MTET-2016) on 30-31 March 2016 organised by Dept of App. Maths, BBAU, Lucknow
4. Verma, Shilpi (2016). Presented a paper entitled "Amir-ud-daula Public Library Lucknow preserving cultural heritage" in National Seminar on The Legacy of Awadh held at Maharaja Bijli Pasi govt. P.G. College, Aashiyana, Lucknow on March 16-17 2016.
5. Verma, Shilpi (2016). Presented a paper entitled "Role of Women in Academic Institutions & Libraries" in National Seminar on Visualization of Dr. Ambedkar for empowerment of women in India: Issues and Prospects on 8-9th march 2016 organised by Committee for basic facilities for women, BBAU, Lucknow
6. Verma, Shilpi (2015). Presented a paper entitled Multifaceted personality of Dr. S.R. Ranganathan : A Special Attributes in the national seminar on role of libraries to educate down trodden society in the present day scenario (NSRLEDTS-2015). Organized by Babasaheb Bhimrao Ambedkar University Lucknow.

#### Participated in orientation/ refresher course/ workshop/seminar/conferences

- A. Participated in orientation/ refresher course
- B. Participated in workshop/seminar/ conferences

#### National workshop/seminar/conferences

##### Dr. M.P. Singh

- Participated in National Conference on Knowledge Organisation In Academic Libraries (Koal-2016) under the theme of "DIGITIZATION : THE PATH TO THE PEAK" in collaboration with P.K. Das

Institute of Medical Sciences (PKDIMS), Kerala from March 09-10, 2016 held at in the campus of P. K. Das Institute of Medical Sciences, Palakkad, Kerala.

- Participated in" NationalWorkshop on "Digital India Week-2015,Organized by Department of Information Technology, BBA, University, Lucknow ,held at DIT, BBAU, Lucknow from 06<sup>th</sup> August to 12<sup>th</sup> August, 2015

##### Dr. Shilpi Verma

- "Short Term Programme in Assistant Professor (Grade 3-4)" from 04-10 Nov. 2016 organised by HRDC, University of Lucknow, Lucknow
- 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.
- Workshop on **Preventive Conservation of Manuscripts** sponsored by National Mission of Manuscripts organized by Tagore Library, University of Lucknow, Lucknow from 29 Feb 2016 to 4 March 2016. (One Week)

#### International workshop/seminar/conferences

#### Invited speaker /session chaired in national / international conference

##### Dr. M.P.Singh

- Chaired an 4<sup>th</sup> Technical Session at the National Conference on Knowledge Organisation In Academic Libraries (Koal-2016) under the theme of "DIGITIZATION : THE PATH TO THE PEAK" in collaboration with P.K. Das Institute of Medical Sciences (PKDIMS), Kerala from March 09-10, 2016 held at in the campus of P. K. Das Institute of Medical Sciences, Palakkad, Kerala.
- Invited Talk on "Role of Digital Libraries in Present Day Scenario: Issues and Challenges in" National Workshop on "Digital India Week-2015,Organized by Department of Information Technology, BBA, University, Lucknow ,held at DIT, BBAU, Lucknow from 06<sup>th</sup> August to 12<sup>th</sup> August, 2015

### Dr. Shilpi Verma

- Verma, Shilpi (2016) has delivered a invited talk on Understanding Knowledge Management in today's context on 6th feb 2016 in National seminar on Knowledge Management for Organizational excellence in present scenario in Motilal Rastogi school of Management, Lucknow
- Verma Shilpi (2016) has delivered a talk on "Electronic Resources for Information Seeking in Electronic Environment" on 18/3/2016 in Shri Ramswaroop Memorial Group of Professional colleges, Lucknow

### Conference/seminar/workshop organised

#### Dr. Shilpi Verma

- Symposium of "Dr. Ambedkar's Vision of Social Justice: An Unfinished Project" from 9th to 10th Jan 2016 Vide office order no. 3151/BBAU/15 Date 04/12/2015 as Organising Secretary

### Research Guidance:

#### Prof. K.L. Mahawar

- 04 Ph.D. awarded

#### 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.
- 03 research scholars enrolled
- 01 Ph.D. Submitted

#### Dr. R.K. Choudhary

- Guided MLISc students for their Dissertation work.
- 03 M. Phil Degree awarded and 04 pursuing
- 02 Ph.D. submitted and 02 pursuing

#### Dr. Shilpi Verma

- Ph.D. : Submitted: 01, Enrolled: 04 scholars
- M.Phil: 4 enrolled

### 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

**Member**, Editorial Board, Journal of Library and Information Management

**Member**, Editorial Board, International journal of Professional Development.

**Member**, Advisory Board, online LIS professionals Reference Service.

Life member of the Society for Advancement of Libraries and Information Science (SALIS).

Member, Special Library Association - Asian chapter (SLA-Asian Chapter).

Life member of the Indian Association of Special Libraries & Infor. Centres (IASLIC).

Life member of the Indian Library Association (ILA)

Life member of the Indian Library Association (SALIS)

Life member of the Indian Association of teachers of Libraries & Information Science (IATLIS).

#### Dr. S.K. Sonker

Member of Indian Association of Special Libraries & Information Centers (IASLIC)

#### Dr. R.K. Choudhary

Indian Association of Special Libraries & Information Centers (IASLIC)

#### 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).

## 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.

### Department Level Academic Activities:

1. Photography workshop in association with Unicef

2. Awareness program on menstrual Health and Hygiene in collaboration with UNICEF

### Courses Offered/New Courses

1. Ph.D.
2. M.Phil.
3. MA (JMC)

### Visitors to the Department, if any

1. Patralekha Chatarji (Leading Health Journalist)
2. Raj Nath Singh (Columnist Dainik Jagran)
3. Ajay Sood (Leading Photographer of India)
4. Ankur Ojha (TV South Indian Head)
5. Dr. Ashok Kumar Sharma (PR Professional)

### 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. Govind Ji Pandey	Professor	MJ, LLB, Ph.D. UGC NET	Electronic Media (Radio and TV production)
3.	Dr. Mahendra Kr. Padhy	Asst. Professor	M.A.(Economics), M.Phil(Economics) MJMC, M.Phil(J&MC), Ph.D (J&MC), JRF, UGC NET. UGC Post Doctoral Fellow.	Advertising, Public Relations & Development Journalism
4.	Dr. Rachana Gangwar	Asst. Professor	Ph.D.	Cross cultural communication, Communication theories and Folk media

### Accomplishments of Students

S. No	Name	Semester	Conduct By	Topic	Position
1.	Reena	3 <sup>rd</sup>	PRSI	Public Relation Partnership in peace making	2 <sup>nd</sup>
2.	Diksha Mishra	3 <sup>rd</sup>	NABARD	Energizing UP as a pollution	1st (media group)

3.	Divyanjali Srivastava	1 <sup>st</sup>	PRSI	Inter College Essay Competition	1 <sup>st</sup>
4.	Shreya Awasthi	1 <sup>st</sup>	PRIS	Inter College Essay Competition	2 <sup>nd</sup>
5.	Shalini Shrivastava	3 <sup>rd</sup>	Bhartiya Sanskriti Gyan Parichha	–	1 <sup>st</sup>
6.	Gunjan Jaiswal	Ph.D. Research Scholar	All India media educators Conference 2016 Jaipur	Reporting on Humaitarian Crisis & the mediation Process: A study of Muzaffarnagar riots news coverage based on web portals	Best Paper Presentation
7.	Ankit Dixit	Ph.D. Research Scholar	UGC	–	Qualified JRF
8.	Harinath Kumar	Ph.D. Research Scholar	UGC	–	Qualified JRF

### 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.	Harinath Kumar	Prof. Govind Ji Pandey
6.	Ankit Dixit	Prof. Govind Ji Pandey
7.	Shachindra Shekhar Shakunt	Prof. Govind Ji Pandey
7.	Anurag Pandey	Prof. Govind Ji Pandey
8.	Neelu Sharma	Prof. Govind Ji Pandey
9.	Anurag Swaroop	Dr. M. K. Padhy
10.	Gunjan Jaiswal	Dr. M.K. Padhy
11.	Ravi Singh	Dr. M.K.Padhy
12.	Borugadda Ananda Babu	Dr. M.K. Padhy
13.	Ruchika Kumari	Dr. Rachana Gangwar
14.	Ashutosh Kumar	Dr. Rachana Gangwar
15.	Puspendra Vaskale	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	Prof. Govind Ji Pandey
6.	Kirti Srivastava	Prof. Govind Ji Pandey
7.	Gaurav Singh	Prof. Govind Ji Pandey
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

### Future Plans of the Department, if any

The Department provides advanced and specified professional training to the students to cater to the higher level of demands of Media Industry. The Department aims and endeavors to develop into a centre of excellence in the field of Mass Communication & Journalism.

### 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
- Member of Advisory Committee in Doon University, Dehradun.
- Member of Board of Studies Veer Bahadur Singh Purvanchal University, Jaunpur

- Member of Board of Studies in Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

#### 3. Details of the Project Sanctioned/ Executed (during 01.04.2015 to 31.03.2016)

##### Dr. Mahendra Kr. Padhy:

1. Minor research project on Media and Environment awarded by BBAU under UGC minor research project schemes, Total Budget.1.30 lakhs, Status: On going.
2. Pursuing UGS Research award project awarded by UGC, New Delhi, 2014-16.

#### 4. Research Publication(s)

##### Prof. Gopal Singh :

##### Paper Published

1. Women in Hindi Cinema and Their Impact on College Students With Reference to Eight Women Oriented Films in 2014(**Communication Today, Vol.17, No.4, Oct.-Dec., 2015**)

#### National Conference/Journals/Paper Presentation (if any) : NA

1. TOPIC: "A COMPARATIVE STUDY OF COVERAGE OF ENVIRONMENTAL ISSUES BETWEEN ENGLISH AND HINDI NEWSPAPERS (TIMES OF INDIA AND DAINIK JAGRAN)"

**Presented By:** Rashmi Kumari, Research Scholar, BBAU and Prof. Gopal Singh, H.O.D, DMCJ, BBAU, LKO

#### d. International Conference/Journals/ Paper Presentation (if any) :

##### Prof. Govind Ji pandey :

##### a. Book Chapter:

1. Development Journalism: The Way Forward, ISBN 978-93-5265-664-6 (Edition : 2016)

##### b. Paper Published

1. Digital era and changing face of Bollywood Cinema, International Research Journal of

Social Sciences, Heena Kausar and Govind ji pandey, Vol. 5(5) 1-5 May 2016, E-ISSN 23193565 (Date : 1-5 May 2016)

2. Films Produced

1. Tabacco a Silent Killer
2. Kachara Kachara Jindgi

**c. Paper Presentation**

1. Presented a paper titled "Social Media a level playing field for political campaign," organized by GBDU, affiliated to Lucknow University, Lucknow. (Date : 20-21 February 2016)
2. Presented a paper titled "Social Media The new power of Political affiliation and influence," organized by GBDU, affiliated to Lucknow University, Lucknow. (Date : 20-21 February 2016)

**Dr. M.K. Padhy:**

**Books Published:**

1. Published one edited book on "Green Communication and Sustainable Development: Prospects and Challenges, Shroff Publishers, Mumbai, April, 2015.

**Paper Published:**

**International:**

1. Poverty alleviation, Food Security and Environmental Sustainability: The Contribution of Participatory Development Communication, The Journal of Development Communication (An International refereed Journal, University of Selangor, Malaysia.), Dec, 2015.
2. A Study of Role of Media n Human-Wildlife Conflict Management in Dudhwa National Park, Golden Research Thoughts, International Research Journal (Impact Factor-3.4052) ,Vol-4, Issue-11, May, 2015
3. Conceptualizing an Effective Communication Strategy for Natural Resource Management: A Study With Special Reference to Biodiversity Conservation in Koraput District of Odisha, Golden

Research Thoughts, International Research Journal (Impact Factor-3.4052), August, 2015

4. Preservation and Conservation of Biodiversity in Koraput District of Odisha: A Study with Special Reference to Participatory Communication, Antaraxia: An International Refereed Journal, June, 2015.
5. Media, Ecology and Wildlife Conservation: An Analytical Research study of Dudhwa National Park, Golden Research Thoughts, International Research Journal (Impact Factor-3.4052), Oct, 2015 (Co-Authored)
6. Role of Media In Electoral Representation of Women: A Study with Special reference to 14th Loksabha Election, 2014. Golden Research Thoughts, International Research Journal (Impact Factor-3.4052), Oct, 2015. (Co-Authored)

**National:**

1. Impact of Digital Media on Corporate Culture: An Evaluative Research Study with Special reference to Indian Environment., Media Bimarsh Dec, 2015.

**c. Paper Presentation**

1. Media Strategy for Social Development: A Participatory Research Approach., All India Media Educators Conference, University of Rajasthan and Manipal University, Jaipur, 2<sup>nd</sup> - 4<sup>th</sup> April, 2015.
2. Promoting Media Literacy for Sustainable Development, National Conference, Mizoram University and Assam Don Bosco Univ., Nov. 2015.
3. Leveraging the impact of Social Media on PR Practitioner., National Seminar, PRSI, Lucknow Chapter. October, 2015

**d. International Paper Presentation (if any):**

1. Designing An Effective Communication Strategy For Environmental Sustainability: A Participatory Glocal Approach, Dept of Sociology, BBAU, Lucknow, 15-16<sup>th</sup> Feb, 2016

**Dr. Rachana Gangwar:**

(17-18 Feb 2016)

**b. Paper Published:**

1. Uchcha shiksha main internet ka badhata mahatwa: lucknow shahar main addhyanrat vidhyarthiyon ke vishesh sandarbh main (123-130) (An International Refereed Research Journal)( Anukriti, ISSN 2250-1193 April-June 2015)
2. Gondana ek upcharik kala(150-152)( An Multidisciplinary Refereed Research Journal)( Shodha Prawah, ISSN 2231-4113 April 2015)
3. Adim jati ka 'bhangauriya utsaw':ek parinay utsaw parampara (23-27)( An Interdisciplinary Refereed Research Journal)( Jigyasa ISSN 0974-7648 June 2015)
4. Uchcha kshiksha main praudhyogiki ka badhata mahatwa(4-8)( An International Refereed Research Journal)( Shodh Wani ISSN-2319-3213 May-August 2015)

**c. Paper Presentation**

1. The supposed and the existent role of mass media in Indian democracy, Science for society : An interdisciplinary approach , Babasaheb Bhimrao Ambedkar University (31<sup>st</sup> October -2<sup>nd</sup> November 2015)
2. A study on promotion of political thought through Hindi poetry , Political thinking in Indian literature , Department of Political Science , CCS University, Meerut, IPSA (13-14 Feb 2016)
3. A study of modern feminism and traditional , Feminist methodology in social science, Khwaja Moinudin Chisti Urdu, Arabi-Farasi University, Lucknow (08-09 March 2016)

**d. International Paper Presentation**

1. A study of role and contribution of Munshi Nawal Kishor press in India, Contribution of Munshi Nawal Kishor in promotion of oriental studies, Khwaja Moinudin Chisti Urdu, Arabi-Farasi University, Lucknow

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

**Prof. Gopal Singh :**

Two-Day International Seminar On Globalisation, Environment And Social Justice: Perspectives, Issues And Concerns (**Dated** : February 15-16, 2016)

**Prof. Govind Ji Pandey:**

**Seminar, Workshop Organized**

1. Organized a Photography Workshop (**Date : 19 November 2015**)
2. Organized a Film making workshop on Hepatitis Science (**Date : 21 May 2016**)
3. Organized a three day long Science Theatre Festival (**Date : 11-13 January 2016**)
4. Organized a Music Video Competition in Collaboration with UNICEF (**June 2016**)

**Dr. M.K. Padhy :**

**International Conference/Seminar:**

1. Designing An Effective Communication Strategy For Environmental Sustainability: A Participatory Glocal Approach, Dept of Sociology, BBAU, Lucknow, 15-16<sup>th</sup> Feb, 2016

**National Conference/Seminar:**

1. Media Strategy for Social Development: A Participatory Research Approach., All India Media Educators Conference, University of Rajasthan and Manipal University, Jaipur, 2<sup>nd</sup> - 4<sup>th</sup> April, 2015.
2. Promoting Media Literacy for Sustainable Development, National Conference, Mizoram University and Assam Don Bosco Univ., Nov. 2015.
3. Leveraging the impact of Social Media on PR Practitioner., National Seminar, PRSI, Lucknow Chapter. October, 2015

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

1. Giacomo Pirozzi (Italian photographer), working for UNICEF and other development agencies.

**Prof. Govind Ji pandey :**

Invited as a Keynote Speaker in a National Seminar organized by GBDU, Lucknow (Date : 10 February 2016)

**7. Research Guidance (if any)**

**Prof. Gopal Singh :**

1. Awarded five Ph.D.
2. Pursuing six Ph.D. under supervision

**Prof. Govind Ji Pandey:**

1. Awarded three Ph.D.
2. Pursuing six Ph.D. under supervision

**Dr. M.K. Padhy:**

1. Awarded two Ph.D.
2. Pursuing four Ph.D. under supervision

**Dr. Rachana Gangwar:**

1. Awarded two Ph.D.
2. Pursuing four Ph.D. under supervision

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

**Prof. Gopal Singh:**

- Member of IAMCR

**Dr. M.K. Padhy:**

- Fellowship: UGC Post Doctoral Fellow, 2015

**Membership:**

- Life Member, Indian Science Congress, Kolkatta.
- Life Member, Indian Science Writers Association, New Delhi.
- Life Member, Indian Institute of Public Administration, New Delhi.
- Member, Public Relations Society of India.

**Dr. Rachana Gangwar:**

1. Membership of professional body - PRSI. ISS

## 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 SCHOOL FOR LEGAL STUDIES

### Brief introduction of the department:

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 22; LL.M. Course is 30 during the session 2015-16 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 2015-16 is 36.

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.
- 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.

### 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.

### 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
	S.K. Bhatnagar	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 11 Sept. 1978	Human Rights; Constitutional Law & Jurisprudence
	Priti Saxena	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 18.11.1991	Constitutional Law, Administrative Law and Torts
	Preeti Misra	Associate Professor	LL.M., LL.D.	Teaching & Research Since 20 Sept. 1999	Criminal Law, Women & Law, Intellectual Property Law & Family Law
	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
	Rashida Ather	Asst. Professor	M.A (Human Rights) Ph.D. (Human Rights)	Teaching & Research Since 20 Nov. 2008	Child and Women Rights, IHL
	Dr. Rajeev Kumar Singh	Asst. Professor Contractual	LLM., Ph.D, UGC-NET		Law
	Dr. Ragini Narain	Asst. Professor Contractual	LLM., Ph.D, UGC-NET		Law
	Dr. Upendra Nath	Asst. Professor Contractual	LLM., Ph.D, UGC-NET		Law
	Mr. Manobhaw Kaushik	Asst. Professor Contractual	LL.B., LL.M. (UGC-NET)		Law
	Mr. Dheerendra Vikram Singh	Asst. Professor Contractual	LL.B., LL.M. (UGC-NET)		Law
	Ms. Pragati Shukla (English)	Asst. Professor Contractual	MA, (UGC-NET)		English
1.	Ms. Ankita Srivastava (Management)	Asst. Professor Contractual	MBA, (UGC-NET)		Management
2.	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. S.K. Bhatnagar as its Chairperson and Research Scholars and students as members. Since July, 2015, Prof. Priti Saxena is the Chairperson. 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. Manobhaw Kaushik, Mr. Gaurav Gupta 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 third Saturday of February each year.

## Department Level Academic Activities:

Lectures (July, 2015 to September, 2016)

Sl. No.	Date	Name with address	Topic
1.	06-07-2015	Prof. Sudesh K. Sharma, Ex-Dean & Head, Faculty of Law, Jammu University and State Information Commissioner, J & K State	Right to Information Law
2.	11-08-2015	Prof. Vimal Joshi, Head, Department of Law, BPS Mahila University, Khanpur Kalan (Haryana)	Law of Life Insurance in India- Legislative Policies and Judicial Response

3.	24-08-2015	Prof. K.C. Joshi, Former Vice Chancellor, Kumaon University, Nainital	Judicial Process
4.	21-09-2015	Prof. Rajpal Sharma, Chairman, Department of Law, Kurukshetra University, Kurukshetra	Sociological School of Law
5.	15-09-2015	Prof. U.C. Sankhla, Vice Chancellor, Dr. Bhimrao Ambedkar Law University, Jaipur	Family Law
6.	07-10-2015	Prof. Akhlaq Ahmad, Dean School of Law, MVN University, NH-2, Delhi-Agra Highway, Palwal, Haryana	Fundamental Rights
7.	10-12-2015	Justice Khem Karan, Retd. Judge HC Allahabad	Environmental Protection
8.	10-12-2015	Dr. Ram Lakhan Singh, Former Chief Conservator Forest UP	Environmental Protection
9.	23-02-2016	Prof. B.P. Panda, Vice Chancellor, Maharashtra National Law University, Mumbai	Some Issues in Criminal Law
10.	30-3-2016	Justice U.K.Dhaon, Chairperson State Human Rights Commission, UP	Freedom of Speech & Expression
11.	30-3-2016	Prof. A. Luxminath, Vice Chancellor, Chanakya NLU, Patna	Freedom of Speech & Expression
12.	30-3-2016	Prof. S.D.Sharma, Dean&Head, Faculty of Law, Kumaun University, Almora	Freedom of Speech & Expression
13.	30-3-2016	Prof. A.K.Awasthi, Former Dean&Head, Faculty of Law, Lucknow University	Freedom of Speech & Expression
14.	30-3-2016	Prof. A.K.Awasthi, Former Dean&Head, Faculty of Law, Lucknow University	Freedom of Speech & Expression
15.	30-3-2016	Prof. O.N.Mishra, Dean&Head, Faculty of Law, Lucknow University	Freedom of Speech & Expression
16.	31-3-2016	Prof. K.C.Joshi, Former Vice Chancellor, Kumaun University, Nainital	Freedom of Speech & Expression
17.	31-3-2016	Prof. G.K.Chandani, Faculty of Law, Lucknow University	Freedom of Speech & Expression
18.	31-3-2016	Prof. V. G. Goswami, Former Dean&Head, Faculty of Law, Lucknow University	Freedom of Speech & Expression
19.	31-3-2016	Prof.C.K. Gaur, Faculty of Law, Lucknow University	Freedom of Speech & Expression

### Courses offered/New Courses

Ph.D., LL.M. & BBA LL.B. (H)

### Visitors to the Department:

Sl. No.	Date	Name with address
1.	06-07-2015	Prof. Sudesh K. Sharma, Ex-Dean & Head, Faculty of Law, Jammu University and State Information Commissioner, J & K State
2.	11-08-2015	Prof. Vimal Joshi, Head, Department of Law, BPS Mahila University, Khanpur Kalan (Haryana)
3.	24-08-2015	Prof. K.C. Joshi, Former Vice Chancellor, Kumaon University, Nainital
4.	21-09-2015	Prof. Rajpal Sharma, Chairman, Department of Law, Kurukshetra University, Kurukshetra
5.	15-09-2015	Prof. U.C. Sankhla, Vice Chancellor, Dr. Bhimrao Ambedkar Law University, Jaipur

6.	07-10-2015	Prof. Akhlaq Ahmad, Dean School of Law, MVN University, NH-2, Delhi-Agra Highway, Palwal, Haryana
7.	10-12-2015	Justice Khem Karan, Retd. Judge HC Allahabad
8.	10-12-2015	Dr. Ram Lakhan Singh, Former Chief Conservator Forest UP
9.	23-02-2016	Prof. B.P. Panda, Vice Chancellor, Maharashtra National Law University, Mumbai
10.	30-3-2016	Justice U.K.Dhaon, Chairperson State Human Rights Commission, UP
11.	30-3-2016	Prof. A. Luxminath, Vice Chancellor, Chanakya NLU, Patna
12.	30-3-2016	Prof. S.D.Sharma, Dean&Head, Faculty of Law, Kumaun University, Almora
13.	30-3-2016	Prof. A.K.Awasthi, Former Dean&Head, Faculty of Law, Lucknow University
14.	30-3-2016	Prof. A.K.Awasthi, Former Dean&Head, Faculty of Law, Lucknow University
15.	30-3-2016	Prof. O.N.Mishra, Dean&Head, Faculty of Law, Lucknow University
16.	31-3-2016	Prof. K.C.Joshi, Former Vice Chancellor, Kumaun University, Nainital
17.	31-3-2016	Prof. G.K.Chandani, Faculty of Law, Lucknow University
18.	31-3-2016	Prof. V. G. Goswami , Former Dean&Head, Faculty of Law, Lucknow University
19.	31-3-2016	Prof.C.K. Gaur , Faculty of Law, Lucknow University

### 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.	Dr. Prayag Dutt Pandey	Asst. Prosecution Officer (Delhi)	2015
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

### Faculty wise Supervision of the Ph.D. and M. Phil Students:

#### Ph.D.

Sl. No.	Name	Father's Name	Guide/ Supervisor	Remarks
1.	Mr. Shashank Shekhar	Shri. Kamlesh Kumar Verma	Prof. S. K. Bhatnagar	Submitted on 07/08/15
2.	Mr. Prem Chandra	Shri Gaya Prasad	Prof. S. K. Bhatnagar	
3.	Ms. Neetu	Mr. Ravi Kumar	Prof. Priti Saxena	
4.	Mr. Ravindra Kumar	Shri R.N. Prasad	Dr. Preeti Misra	

5.	Mr. Mukesh Bharti	Shri Nain Singh	Dr. Preeti Misra	
6.	Mr. Vikas Kr. Upadhyay	Shri Devi Prasad Upadhyay	Dr. Preeti Misra	
7.	Mr. Vijay Kr. Bhaskar	Shri Ganga Deen	Dr. Preeti Misra	
8.	Mr. Baij Nath	Shri Sewa Dass	Dr. Preeti Misra	Submitted on 08/02/16
9.	Mr. Prayag Dutt Pandey	Shri Bhagwan Das Pandey	Dr. Shashi Kumar	Submitted on 27/08/15
10.	Mr. Lavlesh Kumar	Shri Jay Prakash	Dr. Shashi Kumar	
11.	Mr. Jagadish Prasad	Shri Inder	Dr. Shashi Kumar	
12.	Mr. Vivek Kumar	Shri Daya Shankar	Prof. Priti Saxena	
13.	Mr. Kamlesh Singh Deou	Shri Chandan Singh Deou	Prof. Priti Saxena	
14.	Munish Swaroop	Narain Swaroop	Prof. S.K. Bhatnagar	
15.	Deependra Nath Pathak	Satyendra Nath Pathak	Prof. S.K. Bhatnagar	
16.	Girijesh Kumar Singh	Ram Lochan Singh	Prof. Priti Saxena	
17.	Preeti Bhasker	Shyam Lal Bhasker	Dr. Preeti Misra	
18.	Taku Maji	Koyang Taku	Dr. Rashida Ather	
19.	Manjari Rawal	Narendra Singh Rawal	Prof. S.K. Bhatnagar	
20.	Pramod Kumar	Lal Chand Prasad	Dr. Rashida Ather	
21.	Manindra Kumar Singh	Shio Mangal Singh	Prof. S.K. Bhatnagar	
22.	Neha Singh	Jitendra Kumar Singh	Prof. S.K. Bhatnagar	
23.	Satyendra Kumar Maurya	Shri Shiv Poojan Maurya	Prof. S.K. Bhatnagar	
24.	Indu Bala	Ishwar Dayal	Dr. Shashi Kumar	
25.	Rajit Ram Sonkar	Jamuna Prasad Sonkar	Dr. Rashida Ather	

### LL.M. Dissertations (Equivalent to M. Phil)

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
15.	Monika Anuragi	Dr. Shashi Kumar	Dr. Rashida Ather
16.	Umang Banaudhia	Prof. S.K. Bhatnagar	Dr. Rashida Ather
17.	Ravi Singh Rana	Prof. S.K. Bhatnagar	Dr. Shashi Kumar
18.	Ranvijay	Dr. Shashi Kumar	Prof. S.K. Bhatnagar
19.	Uday Kumar	Dr. Shashi Kumar	Dr. Rashida Ather
20.	Tara	Dr. Shashi Kumar	Dr. Preeti Misra
	Gajendra Bahadur Srivastava (L.I.M. 403 O.C.)	Dr. Preeti Misra	Dr. Shashi Kumar

**Co-curricular/Extra-curricular/conferences event organized by the Departments:**

SEMINARS/ SYMPOSIUMS/ WORKSHOP (July, 2015 to June, 2016)

Sl. No.	Date		Topic
1.	01-12-2015	One Day Workshop, Organised by Department of Human Rights, School for Legal Studies	World AIDS Day
2.	10-12-2015	One Day Symposium, Organised by Department of Human Rights, School for Legal Studies	Environmental Protection as Human Rights
3.	March 30-31, 2016	Two Days National Seminar, Organised by Department of Human Rights, School for Legal Studies	Freedom of Speech and Expression: Contemporary Issues and Challenges

**Future Plans of the Department :**

- 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. Members of Board/Committee**

- i. Prof. S.K. Bhatnagar, Member, **Board of Studies in Law**, Kazi Nazrul University, Asansol (West Bengal).
- ii. Prof. Priti Saxena, **Member, Academic Council**, National Law University, Jodhpur, Rajasthan
- iii. Prof. Priti Saxena, **Member, Faculty Board**, Faculty of Law, Aligarh Muslim University, Aligarh.
- iv. Prof. Priti Saxena, **Member Board of Studies in Law**, Desh Bhagat University, Panjab
- v. Prof. Priti Saxena, **Member Board of Studies in Law** in SRM University, Lucknow.

**2. Research Publication (s)****a. Book(s) Book(s)/Book Chapter (s) Authored/Edited Book/Monograph(s) (if any)**

1. Prof. S.K. Bhatnagar, "Governance through Public Law and Constitutional Dimensions", a chapter published in the book on Comparative Public Law, edited by S. Rajkhowa & Stiti Deka, Eastern Book House (2016) ISBN: 978-93-83252-76-3.

2. Prof. S.K. Bhatnagar, "Anti-Terror Laws in India: A Study in the Internal Security Mechanism" (as co-author), a chapter published in the book on Terrorism-Its Legal Framework and Beyond, edited by Mithilesh N Bhatt, Manakin Press, New Delhi (2016) ISBN: 978-93-843705-2-7.
3. Prof. S.K. Bhatnagar, "Greek and Roman Conceptions of Natural Law", Content Reviewer of the Module in Advanced Jurisprudence, e-pathshala, an MHRD project for P.G. Courseware (2016).
4. Prof. S.K. Bhatnagar, "Lon L Fuller", Content Reviewer of the Module in Advanced Jurisprudence, e-pathshala, an MHRD project for P.G. Courseware (2016).
5. Prof. S.K. Bhatnagar, "Ronald Dworkin: An Encounter with Legal Determinacy", Content Reviewer of the Module in Advanced Jurisprudence, e-pathshala, an MHRD project for P.G. Courseware (2016).
6. Prof. S.K. Bhatnagar, "Critical Legal Studies Movement", Content Reviewer of the Module in Advanced Jurisprudence, e-pathshala, an MHRD project for P.G. Courseware (2016).
7. Prof. Priti Saxena *et al* Editor of **Book "Dr. B.R. Ambedkar: An Ultimate Visionary of the Era,"** Narendra Pub. House, Ed. By Prof. R.C.Sobti, Vice-Chancellor, BBAU University Lucknow, **2016**, Volume-1, ISBN No: 978-93-84337-30-8
8. Prof. Priti Saxena "**Education as an Catalyst of Social Change**" published in Babasaheb Bhimrao Ambedkar'S Vision of Education- Massage for Teachers and Teacher Educators, Narendra Publishing House **P.71-103**, ISBN:978-93-84337-79-7
9. Dr. Preeti Misra, "Textbook on Indian Penal Code", Asia Law House, Hyderabad (2016) ISBN 978-93-85556-87-6 (Co-author)
10. Dr. Preeti Misra, "Change and Development Among Tribal Groups of Arunachal Pradesh" in "Development of Tribal People of North-East India-Issues and Challenges" (ed.) R.K. Mandal, Concept Publishing Co. Pvt. Ltd., New Delhi, 2015 Pp 124-140 (ISBN No. 93-5125-008-3) (in co-authorship)
11. Dr. Preeti Misra, "Women and Right to Education" in "Women Empowerment and Higher Education in Global Perspective : Challenges and Issues" (ed.) R. Selvaraju, Nivi Publication, Tirunelveli, Tamil Nadu, 2015 Pp335-340 (ISBN No.978-81-929575-4-8) (in co-authorship)
12. Dr. Preeti Misra, "Intellectual Property Rights And TRIPS Agreement : Scope And Perspectives With Special Reference To India" in "Working of Patents Law and Pharmaceutical Implications" (ed.) Dr. S.C. Roy, Mewar University Press, New Delhi, 2015 Pp69-78 (ISBN No. 978-93-85212-23-9)
13. Dr. Preeti Misra, "Sexual Harassment of Women at Workplace : Legal Control and Judicial Response" in "Relocating Women's Equality" (ed.) Pankaj Kumar & Sadhna Gupta, Rawat Publications, Jaipur, 2015 Pp143-161 (ISBN No. 978-81-316-0742-8)
14. Dr. Preeti Misra, Constitutional and Judicial Affirmative Responses Towards Gender Justice -Some Reflections in "Empowerment of Women in India : Opportunities and Challenges" (ed.) Dr. Ajay Kr. Singh, VL Media Solutions, 2016 Pp 113-131 (ISBN: 978-93-80820-40-9)
15. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Right to Information, Empowerment and Good Governance" Mewar University Press Pvt. Ltd, New Delhi, 2015, ISBN: 978-93-85212-22-2.
16. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Bharat Ratna Dr. B. R. Ambedkar's Contribution for Ensuring the Egalitarian Society in Making of the Constitution" in Book titled "Dr. B.R. Ambedkar: An Ultimate Visionary of the Era," Narendra Pub. House, Ed. By Prof. R.C.Sobti, Vice-Chancellor, BBAU University Lucknow, 2016, Volume-1, ISBN No: 978-93-84337-30-8
17. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "A Pre and Post Constitutional Appraisal of Marginalized in India with Special Reference to Scheduled Castes and Scheduled Tribes" 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, Ed. by Prof. R.C. Sobti, Vice-Chancellor, BBAU University, Lucknow.

**b. Paper published**

1. Prof. S.K. Bhatnagar, Paper on "Magna Carta: The Triumph of an Idea" published as a cover story on the 800 th Anniversary of Magna Carta in Flair Talk (Vol. 2, Issue 4; June 2015), published by All India Reporter, Nagpur ISBN: 2349-6649.
2. Dr. Preeti Misra, "Growing Violence Against Women and Dispensation of Justice-A Review" in Journal Global Values- A Peer Reviewed International Journal, Vol.VI No. 2, December 2015,Pp49-57 (ISSN 0976-9447)
3. Dr. Preeti Misra, "Judicial Intervention and Cruelty Against Women: An Analysis of Sec. 498A of IPC" in The Social Ion (An International Refereed Journal) Vol.4 No. 1-2. Jan-June & July.-Dec. 2015, pp 117-123, Pt. Govind Mohan Misra Smriti Sansthan, Lucknow (ISSN 2319-3581)
4. Dr. Preeti Misra, "Legislating Transgender Rights in India" in Law Exam Times-National Law Quarterly, Mahaveer Publications, Vol. XI, 2015 Pp 19-21 (ISSN 2319-9121) (Co-Author)
5. Dr. Preeti Misra, "गरीबी और मानवाधिकार: भारत की योजनाओं के सन्दर्भ में" in Nai Dishayen- A Journal of NHRC, Delhi, Vol.12, 2015, Pp 190-203 (ISSN 0973-7596) (Co-Author)
6. Dr. Preeti Misra, "Socio-Legal Attitude towards Queerness in India With Reference to Disability: From Past to Present" in National Law News, April 2014-December 2015, Vol.29-35 No.10, Pp 28-37 (ISSN : 0976-4305) (Co-Author)
7. Dr. Preeti Misra, "Emerging Problems of Plagiarism In Research Work And Initiative of UGC" in Proceedings of The National Seminar NSRLEDTS-2015 organized by Dept. of Library and Information Science, BBAU, Lucknow on 09 August 2015,pp 309-(ISBN: 978-81-925879-8-1) (in co-authorship)
8. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Right to Information: The Basic Need of Democracy", Journal of Education and Social Policy, ISSN2375-0782 (Print) Vol.1. No.2: (Online), Published by Center for Promoting Ideas, USA.
9. Dr. Rajeev Kumar Singh, "Empowerment of Common Masses through Information

Regime" Indian Journal of Law and Human Behavior (IJLHB), ISSN: 2454-7107, VOL.1 NO.1 JAN-JUN, 2015.

10. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Surrogacy Law in India: Regulating the Reproduction and Uplifting Women's dignity" AD VALOREM Journal of Law, an International Peer Reviewed Research Refereed Quarterly Journal, Volume-2, Issue-IV, October-December: 2015, ISSN: 2348-5485.
11. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Public Interest Litigation in India: A Tool to Enhance the Judicial Governance" EMERGING RESEARCHER, an International Research Refereed Journal, Volume-2, Issue: IV, October-December: 2015, ISSN: 2348-5590.
12. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "National Judicial Appointment Commission and Independence of Judiciary," INDIAN BAR REVIEW, Vol. XLII (3) 2015, ISBN: 978-81-931981-0-0, Regd. No. F. 2/1/6/Press/83.
13. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) "Judicial Craftsmanship in Propounding Right to Information as a Fundamental Right," AD VALOREM Journal of Law, an International Peer Reviewed Research Refereed Quarterly Journal, Volume-3, Issue-II, April-June, 2016, ISSN: 2348-5485.

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

1. Prof. S.K. Bhatnagar, paper on "Right to Information: Some Comments on Mechanism in India" presented in the National Seminar on Right to Information Act for Participative Democracy (as a co-author) organized by Law Faculty, Patna University on 5 April 2015.
2. Prof. S.K. Bhatnagar, paper on "Freedom of Expression and Regulation of Social Media" presented in the National Seminar on Freedom of Speech and Expression (as a co-author) organized by DHR/SLS, BB Ambedkar University, Lucknow on 30-31 March 2016.
3. Prof. S.K. Bhatnagar, paper on "Freedom of expression and National security: A Need for Harmonization" presented in the

- National Seminar on Freedom of Speech and Expression (as a co- author) organized by DHR/SLS, B.B. Ambedkar University, Lucknow on 30-31 March 2016.
4. Prof. Priti Saxena, Presented a paper on "Dr. Ambedkar's reflection on social Justice" in **National Seminar** on 'Dr. Ambedkar's Vision on Social Justice' organized by Department of Law, School for Legal Studies BBAU, on 22nd September, 2015.
  5. Prof. Priti Saxena, Presented a paper on "Constitutional outlook on Social Justice and Dr. Ambedkar" in **National Seminar** on 'Dr. Ambedkar's Vision on Social Justice' organized by Department of Law, School for Legal Studies BBAU, on 22nd September, 2015.
  6. Prof. Priti Saxena, Presented a paper on "The Criminal Justice System and the proposed Juvenile Justice Bill of 2015: A Psychoanalysis" in **National Seminar** on "Juvenile Justice and Human Rights: Contemporary Issues, Challenges and Opportunities" organized by Faculty of Law, The ICFAI University, Dehradun on 26th November, 2015.
  7. Prof. Priti Saxena, Presented a paper on "Education as a decisive factor in Panchayat elections with special reference to Raj Bala & Ors vs State of Haryana & others 2016 Supreme Court" in One Day **National Seminar** on Ambedkar's Vision on Inclusive Society organized by CSSEIP, Babasaheb Bhimrao Ambedkar University, Lucknow on 19 February, 2016
  8. Presented a paper on "Use of Hindi in Judicial System in India *vis-a-vis* the Connotation of Indian Languages in Law and Justice" in two days **National Seminar** on "Indian Languages in the Province of Law and Justice" organized by Faculty of Law, University of Allahabad, Allahabad on 27-28 February, 2016.
  9. Prof. Priti Saxena, Presented a paper on "Indian Language in Legal Education and Challenges in Globalisation" in two days **National Seminar** on "Indian Languages in the Province of Law and Justice" organized by Faculty of Law, University of Allahabad, Allahabad on 27-28 February, 2016.
  10. Prof. Priti Saxena, Presented a paper on "Working of the Internal complaint Committee under sexual Harassment Act." in **National Seminar** on "Visualization of Dr. Ambedkar for Empowerment of Women In India: Issues and Prospects" organized by Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow on 9th March, 2016.
  11. Prof. Priti Saxena, Presented a paper on "Education for Girls a Fairy Tale." in **National Seminar** on "Visualization of Dr. Ambedkar for Empowerment of Women In India: Issues and Prospects" organized by Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow on 9th March, 2016.
  12. Prof. Priti Saxena, Presented a paper on "State Activism on Social Media Posts-An Authentication under Constitutional Scheme of Freedom of Speech and Expression" in two days **National Seminar** on Freedom of Speech and Expression: Contemporary Issues and Challenges, organized by Department of Human Rights, School for Legal Studies BBAU, on 30-31, March, 2016.
  13. Prof. Priti Saxena, Presented a paper on "Obscenity and Morality with reference to Contemporary standard of Community doctrine" in two days **National Seminar** on Freedom of Speech and Expression: Contemporary Issues and Challenges, organized by Department of Human Rights, School for Legal Studies BBAU, on 30-31, March, 2016.
  14. Dr. Preeti Misra, "Dr. Bhimrao Ambedkar and Social Justice : Emerging Issue of LGBT Rights in India" in National Seminar on "Babasaheb Bhimrao Ambedkar and Social Justice" organized by Dept. of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on 22 September, 2015 (Co-presenter)
  15. Dr. Preeti Misra, "Criminalization of Identity and Section 377 of Indian Penal Code : A Paradigm of Human Rights Violation in India" in National Seminar on "Human Rights : Issues and Trends in Contemporary World " organized by IMS Law College, Noida on 06 November, 2015 (Co-presenter)
  16. Dr. Preeti Misra, "Privatization of Education and Challenges Regarding Social

- Justice in Globalized India” in Two Day National Seminar on “Privatization of Education and Social Justice in India” organized by Dept. of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on 16-17 November, 2015 (Co-presenter)
17. Dr. Preeti Misra, “Social Justice and Educational Rights of Transgender in India : Analysing Pre and Post ‘NALSA’ Judgment” in Two Day National Seminar on “Privatization of Education and Social Justice in India” organized by Dept. of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on 16-17 November, 2015 (Co-presenter)
  18. Dr. Preeti Misra, “Rights of LGBT Persons in India & Governance : Need For Policy Formation” in National Seminar on “Politics of Development in India” organized by Dept. of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow on 12-13 February, 2016 (Co-presenter)
  19. Dr. Preeti Misra, “Domestic Violence Against Women Verses Healthy Nation” in National Seminar on “Women Empowerment for Healthy Nation - Emerging Perspectives & Issues” organized by Dept. of Physical Education, DAV PG College, Lucknow on 29 February 2016
  20. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) presented a paper titled “ Accessing Information: A tool to ensure Participatory Democracy” in one Day National Seminar on Babasaheb Bhimrao Ambedkar and Social Justice, organized by Department of Law, School for legal Studies, B.B.A.U., Lucknow, held on 22nd September, 2015.
  21. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) presented a paper titled “Juvenile Justice System in India: A Human Rights Concern” in National Seminar on “Juvenile Justice and Human Rights: Contemporary Issues, Challenges and Opportunities” in The ICFAI University, Faculty of Law, Dehradun, held on 26th November, 2015.
  22. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) presented a paper titled “Law Relating to Women in India: Its Execution and Impact” in two days National Seminar on “Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects,” organized by Committee of Basic Facilities for Women, BBA Central University, Lucknow, on 8th -9th March, 2016.
  23. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) presented a paper titled “Effective Implementation of Reasonable Restrictions on Freedom of Speech and Expression: Need of an Excessive Democracy” in two days National Seminar on “Freedom of Speech and Expression: Contemporary Issues and Challenges,” Organized by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar (A Central) University, Lucknow-226025, Dated: March 30th and 31st, 2016.
- d. International Conference/Journal/Paper Presentation (if any)**
1. Prof. Priti Saxena, Presented a paper on “Global Governance and Social Justice” in **International Seminar** “Globalization, Environment and Social Justice: Perspectives, Issues and Concerns” organized by Dept. of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on 15 & 16 February 2016.
  2. Dr. Preeti Misra, “Vulnerability to Crime and Elderly People in India: A Critical Study” in Panel P4-03 of IUAES Inter-Congress 2015 organized by IUAES and Faculty of Sociology and Anthropology, Thammasat University, Bangkok, Thailand from 15-17 July 2015
  3. Dr. Preeti Misra, “Sexuality Oriented NGOs in Delhi: An Emerging Trend With Reference to Social Justice and Sustainable Development” in International Seminar on “Globalization, Environment and Social Justice: Perspectives, Issues and Concerns” organized by Dept. of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on 15 & 16 February 2016.(Co-presenter)
  4. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) presented a paper titled “Right to Information: A best way to Shift from Governance to Good Governance” in International Conference on “Changing Paradigm of Management Practices for Sustainable Development,” organized by School for Management Studies, BBA Central University, Lucknow, on March 5th – 6th, 2016.

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

1. Prof. Priti Saxena **organised National Seminar as Director** on "Freedom of speech And Expression: Contemporary Issues and Challenges" on 30-31 March, 2016 at Deptt. Of Human Rights, School for Legal Studies, BBAU, Lucknow
2. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) participated and successfully completed Two Day Workshop on "Choice Based Credit System & Outcome Based Teaching/Learning," organized by Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow-226025.
3. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) participated in One Week Workshop on "Ethical Hacking and Information Security" (EHIS-2015) dated from 6th August 2015 - 12th August 2015, Organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar (A Central) University, Lucknow-226025, and U.P. India.

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

1. Prof. S.K. Bhatnagar delivered the Valedictory Address as the Chief Guest at the National Seminar on "Right to Information Act for Participative Democracy" at Law Faculty, Patna University on 5 April 2015.
2. Prof. S.K. Bhatnagar delivered a Special Lecture on "Constitutionalism and Judicial Process" to Faculty, Research Scholars and Students at Law Faculty, Rajasthan University, Jaipur on 17 April 2015
3. Prof. S.K. Bhatnagar delivered Address as the Chief Guest in the Inaugural Session of the Short Term Course on "Human Rights" at HRDC- Academic Staff College, Burdwan University, Burdwan (W.B.) on 24 June 2015.
4. Prof. S.K. Bhatnagar delivered Lectures as a Resource Person in the Short Term Course on Human Rights of HDRC-ASC of the Burdwan University on 24 & 25 June 2015.

5. Prof. S.K. Bhatnagar delivered a Special Lecture on "Constitutional Interpretation and Limited Government" to Ph.D. scholars, LL.B., & LL.M. Students of the Law College of the Patna University on 1 August 2015.
6. Prof. S.K. Bhatnagar addressed as an Invited Speaker on " Human Rights Practices and Global Justice" in the International Conference on Human Rights: Contemporary Issues and Challenges organized at Law School, Jagran Lakecity University, Bhopal on 2 October 2015.
7. Prof. S.K. Bhatnagar delivered Valedictory Address in the Refresher Course in Law, HRD Centre of the Patna University on 15 March 2016
8. Prof. Priti Saxena, **Chaired** a technical Session on 26<sup>th</sup> November, 2015 in One day National Seminar on "**Juvenile Justice & Human Rights**" organized by Faculty of Law, ICFAI University, Dehradun.
9. Prof. Priti Saxena, **Chaired** a technical Session on 26<sup>th</sup> November, 2015 in One day National Seminar on "**Juvenile Justice & Human Rights**" organized by Faculty of Law, ICFAI University, Dehradun.
10. Prof. Priti Saxena, **Chaired** a technical Session on 26<sup>th</sup> November, 2015 in One day National Seminar on "**Juvenile Justice & Human Rights**" organized by Faculty of Law, ICFAI University, Dehradun.
11. Prof. Priti Saxena, Addressed as **Guest of Eminence** on 26<sup>th</sup> November, 2015 in one day National Seminar on "**Juvenile Justice & Human Rights**" organized by Faculty of Law, ICFAI University, Dehradun.
12. Prof. Priti Saxena, **Special Invited Lecture** on Indian Constitution in Present Scenario in Department of Law, M.J.P. Rohilkhand University, Bareilly on 29th January, 2016.
13. Prof. Priti Saxena, Addressed Inaugural and Valedictory Sessions as **Patron**, in National Seminar on Visualization of Dr. Ambedkar for Empowerment of Women In India: Issues and Prospects" organized by Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow held on 8-9 March, 2016.

14. Prof. Priti Saxena, Delivered lecture as **Chief Guest** of the Valedictory Session on Impact of Law, Science and Technology on Society, in **Refresher Course** for Teachers on **Law, Science and Technology**, organized by HRDC, Patna University on 10th March, 2016.
15. Prof. Priti Saxena, Delivered lecture as **Resource person** on Dignity of Women and Judiciary, in Refresher Course for Teachers on Women and Law organized by HRDC, Patna University on 10th March, 2016.
16. Prof. Priti Saxena, As **Director, Addressed Inaugural and Valedictory Sessions** in National Seminar on Freedom of Speech and Expression: Contemporary Issues and Challenges organized by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow held on 30-31 March, 2016
17. 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 18 Dec. 2015 in Malti Narayan Inter College, Raebareilly Road, Mohanlalgang, Lucknow
18. 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 04 Jan. 2016 in PND Public Junior High School, Shehwapur, Rahimabad Road, Mall Lucknow.
19. 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 12 Jan.2016 in Government Girls Inter College, Nawabganj, Unnao.
20. 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 16 Jan.2016 in Kuvar Ram Bharose degree Collge, Hasanganj, Unnao.
21. Dr. Preeti Misra Special lecture on "Vartmaan Paripeksheya me Mahila Adhikaron ke Sarrakshan Evam Chunautiyan" in Faculty of Law, Dr. Shakuntala Misra National Rehabilitation University, Lucknow on 4 March 2016
22. Dr. Preeti Misra, Chaired a Panel P6-01 in IUAES Inter-Congress 2015 on the theme "Culture Industry and Fashion Trend Across the Globe" organized by IUAES and Faculty of Sociology and Anthropology, Thammasat University, Bangkok, Thailand from 15-17 July 2015
23. Dr. Preeti Misra, Co-chaired a Session in National Seminar on "Ambedkar's Vision on Inclusive Society" organized by CSSEIP, Babasaheb Bhimrao Ambedkar University, Lucknow on 19 February, 2016
24. Dr. Preeti Misra, Co-chaired a Session in National Seminar on "Visualization of Dr. Ambedkar for Empowerment of Women In India: Issues and Prospects" organized by Dept. of Law, School For Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow held on 8-9 March, 2016
25. Dr. Preeti Misra, Chaired a Session in National Seminar on "Sexual Harassment of Women at Work Place: Emerging Perspective and Issue" organized by Dr. RPM Girls Degree College, Lucknow and All Indian Rights Organization (NGO), held on 12th & 13th March 2016
26. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Talks on All India Radio, Prasar Bharti on Title "Human Rights Law in Changing Dimensions" (BADALTE PARIVESH ME MANVADHIKAR KANOON), broadcasted from All India Radio (Prasar Bharti) dated 15.04.2015, Lucknow.
27. Dr. Rajeev Kumar Singh (**Contractual Faculty**) delivered a talk on the topic: "Education and Employment-Human Right Concern" (SIKSHA AUR ROJGAR SAMVAD-MANVADHIKAR). Broadcasted from All India Radio (Prasar Bharti), dated 05.01.2016, Lucknow.
28. Dr. Rajeev Kumar Singh (**Contractual Faculty**) delivered a talk on the topic: "A Debate on Tolerance and Intolerance" (SAHISHUNTA AUR ASHISHUNTA KA DWAND). Broadcasted from All India Radio (Prasar Bharti) dated 05.01.2016, Lucknow.

29. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Talk on All India Radio, Prasar Bharti titled "SABKA SATH, SABKA VIKAS" broadcasted from All India Radio (Prasar Bharti) dated 12.05.2016, Lucknow.
30. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Talk on All India Radio, Prasar Bharti titled "Our Duty towards Democracy". Broadcasted from All India Radio (Prasar Bharti) dated 15.09.2016, Lucknow.

## 5. Research Guidance

### Ph.D.

1. Prof. Priti Saxena, Kanchan Prabha " Problems Protections and privileges of Senior Citizens: A Legal Study with Special Reference to Human Rights" (22<sup>nd</sup> June 2015)
2. Prof. Priti Saxena, Rajeev Kumar Singh, "Right To Information: An Analytical Study with Reference to Good Governance" (8<sup>th</sup> July, 2015)
3. Prof. Priti Saxena, Ashok Kumar, "A Legal Study of Media in India with reference to Electronic Technology *Vis-à-Vis* Media Trial" (24<sup>th</sup> November 2015)
4. Dr. Preeti Misra, Jageshwar Nath Singh - Socio-Legal Status of Women in Post Independent India: Human Rights Perspectives (Awarded, 24 November 2015)

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

1. Prof. S.K. Bhatnagar, Member, Board of Studies in Law, Kazi Nazrul University, Asansol (West Bengal).
2. Prof. Priti Saxena, **Life Member**, Indian Law Institute, New Delhi
3. Prof. Priti Saxena, **Life Member**, Indian Association For Social Sciences And Health, Mumbai
4. Prof. Priti Saxena, **Life Member**, Indian Institute of Public Administration, New Delhi
5. Prof. Priti Saxena, **Member, Academic Council**, National Law University, Jodhpur, Rajasthan
6. Prof. Priti Saxena, **Member, Faculty Board**,

Faculty of Law, Aligarh Muslim University, Aligarh.

7. Prof. Priti Saxena, **Member Board of Studies** in Law, Desh Bhagat University, Panjab
8. Prof. Priti Saxena, **Member Board of Studies** in Law in SRM University, Lucknow.
9. Prof. Priti Saxena, **Chief Editor** Journal for Legal Studies An International Journal of Legal Studies (ISSN 2321-1059)
10. Prof. Priti Saxena, **Member** Editorial Board, Vidhi Sahitya Prakashan, Ministry of Law & Justice, Legislative Department, **Govt. of India, New Delhi**
11. Prof. Priti Saxena, **Member Advisory Board**, Shodh Prerak, A Multidisciplinary **Quarterly International Refereed Research Journal, ISSN 2231-413X**
12. Prof. Priti Saxena, **Member Editorial Board**, Shodh Pravah, **A Refereed Research Journal, (ISSN 2231 -4113)**
13. Dr. Preeti Misra, Life member of Indian Society of Criminology (ISC), Chennai (**Membership No. 1324**)
14. Dr. Preeti Misra, Life member of Indian Society of Victimology (ISC), Chennai
15. Dr. Preeti Misra, Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay (Membership ID 292)
16. Dr. Preeti Misra, Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (Membership No. L85)
17. Dr. Preeti Misra, Life member of Vidhi Bharti Parishad, New Delhi, (Membership No. 185)
18. Dr. Preeti Misra, Ordinary member of Indian Law Institute, New Delhi, (Membership No. O 4089)
19. Dr. Preeti Misra, Associate member of Indian Society of International Law. New Delhi, (Membership No. A45)
20. Dr. Preeti Misra, Associate Editor of The Social Ion (An International Refereed Journal), Published by Pt. Govind Mohan Misra Smriti Sansthan, Lucknow
21. Dr. Preeti Misra, Annual Member of International Union of Anthropological and Ethnological Sciences

22. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Member, Editorial Board, Red Flower Publication Pvt. Ltd. New Delhi. Indian Journal of Law and Human Behavior (IJLHB), 2016-till date. ISSN: 2454-7107.
23. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Life time Convener/Coordinator of Kalyani Health Club health and information awareness programme run by Prasar Bharti and Ministry of Health and Family Welfare, Door Darshan Kendra, Lucknow.
24. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Life Member of All Indian Rights Organization (AIRO), a Chapter of Naina-Dayal Foundation. Membership No. 138. Date 01/07/2014.
25. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Research Editorial Member of "SHODH PRERAK" A Multi disciplinary Quarterly International Referred Research Journal. ISSN No. 2231- 413X.
26. Dr. Rajeev Kumar Singh, (**Contractual Faculty**) Member of Editorial Board of the Journal, i.e. AD VALOREM (Journal of Law). An International Peer Reviewed Research Refereed Quarterly Journal, ISSN No.2348-5485 from 25.06.2015 - till date.

### Dr. Shashi Kumar

Designation **Associate Professor**

### Achievements & Contribution

As Organizing Secretary organized a One-day Symposium on theme "Environmental Protection as Human Rights", on Human Rights Day, 10<sup>th</sup> December 2015

### Research Publication:

1. **Ambedkar's Thoughts on Democracy and Human Rights: A Reformist Agenda of Social Justice**, in Prof. R.C. Sobti(et.al.) *Dr. B.R. Ambedkar : An Ultimate Visionary of the Era*, New Delhi: Narendra Publishing House, 2016
2. **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

### Paper Presentations In Conferences/Seminar/Workshops

1. Presented a paper entitled, "**Corporate Social Responsibility and Human Rights: A Study in Indian Context**", in **International Conference** on 'Business Research and Management Practices in Global Environment', organized by Alliant School of Management, Alliant International University, San Diego, California, USA, held on 2-3 April 2015
2. Presented a paper entitled, "**Development and Displacement of Tribes in India: A Study in Human Rights Perspective**", in **International Conference of Vith Association of Law, Property and Society**, organised at **University of Georgia, School of Law, USA**, held on 1-2<sup>nd</sup> May, 2015
3. Presented a paper entitled, "**Ambedkar's views on Social Justice and Human Rights**", in National Seminar on 'Babasaheb Bhimrao Ambedkar and Social Justice', organized by 'Department of Law, B B Ambedkar University, Lucknow, held on 22<sup>nd</sup> September 2015
4. Chaired a Session in National Seminar on 'Babasaheb Bhimrao Ambedkar and Social Justice', organized by 'Department of Law, B B Ambedkar University, Lucknow, held on 22<sup>nd</sup> September 2015
5. Presented a paper entitled, "**Education as Means of Liberation: Dr. Ambedkar's View Point**", in National Seminar on 'Privatization of Education and Social Justice in India', organized by 'Department of Sociology, B B Ambedkar University, Lucknow, held on 16-17 November 2015
6. Invited Speaker in National Conference on "Climate Change and Sustainable Development: Emerging Issues and Mitigation Strategies", Organised by Deptt. of Environmental Science, B B Ambedkar University, Lucknow, held on 23-24<sup>th</sup> November 2015
7. Chaired a Session in One-day Symposium on theme "Environmental Protection as Human Rights", on Human Rights Day, 10<sup>th</sup> December 2015
8. Presented a paper entitled, "**Political Representation of Women at Grassroots Level in India: A Study with special**

- reference to Panchayati Raj Institutions in Uttar Pradesh**", in National Seminar on 'Two Decades of 73<sup>rd</sup> Constitutional Amendment Act(Panchayati Raj): Experiences, Issues, Challenges and opportunities with Special Reference to UP', organized by ' Centre for Human Rights, Dr. RML law University, Lucknow, held on 5-6<sup>th</sup> February 2016
9. Presented a paper entitled, "**Development Induced Displacement of Tribes in India : A Study in Human Rights Perspective**", in National Seminar on ' Politics of Development in India', organized by ' Department of Political Science, B B Ambedkar University, Lucknow, held on 12-13<sup>th</sup> February 2016
  10. Presented a paper entitled, "**Impact of Globalisation and Environmental Degradation on Indigenous People in India: A Study in human Rights Perspective**", in **International Seminar** on ' Globalisation, Environmental and Social Justice: Perspectives, Issues and Concerns', organized by ' Department of "Sociology , B B Ambedkar University, Lucknow, held on 15-16<sup>th</sup> February 2016
  11. Presented a paper entitled, "**Ambedkar's Contribution on Education and Inclusive Development of Society**", in National Seminar on ' Ambedkar's Vision on Inclusive Society', organized by Centre for Study of Social Exclusion and Inclusive Policy, B B Ambedkar University, Lucknow, held on 12-13<sup>th</sup> February 2016
  12. Presented a paper entitled, "**Right to Information as Human Rights: Issues and Concerns**", in National Conferences on ' Information Security Challenges', organized by Department of Information Technology , B B Ambedkar University, Lucknow, held on 24<sup>th</sup> February 2016
  13. Presented a paper entitled, "**Sustainable Development , Human Rights and Indigenous Peoples: Issues and Concern in Indian Context**", in **International Conference** on ' Changing Paradigm of Management for Sustainable Development', organized by School for Management Studies , B B Ambedkar University, Lucknow, held on 5-6<sup>th</sup> March 2016
  14. Presented a paper entitled, "**Empowerment of Dalits Women: Ambedkar 's View Point**", in **National Seminar** on ' Visualisation of Dr. Ambedkar For Empowerment of Women in India: Issues and Prospects", organized by Committee of basic Facilities for Women, B B Ambedkar University, Lucknow, held on 8-9<sup>th</sup> March 2016
- Membership in Professional Academic Bodies:**
- Life member in Indian Academy of Social Science, Allahabad
  - Executive Council Member in Indian Academy of Social Science

## Centre of Post Graduate Legal Studies School for Legal Studies

A.	<i>Name of the School</i>	School for Legal Studies
B.	<b>Brief Description of the School</b>	
C.	<b>Name of the Department</b>	Centre of Post Graduate Legal Studies
D.	<b>Introduction of the Department</b>	Centre of Post Graduate Legal Studies was established under School for Legal Studies in 2013 started functioning from the session 2013-14 to offer One Year LL.M. Degree as per UGC Guidelines .The intake is 20 .The teaching is done by the senior faculty members of Department of Human Rights and Department of Law under School for Legal Studies . Presently Three Group i.e. Constitutional law and Administrative Law, Corporate and Commercial Law and Intellectual Comparative Law are running in the Centre. The object of the course is to promote food academicians corporate lawyers and Masters in International principles. The Students of the centre are also benefitted by the special lectures delivered by visiting faculties, guest faculties and internal faculties.
E.	<b>Citation Index of the Department N.A.</b>	
F.	<b>Department Level Academic Activities</b>	
G.	<b>Courses offered/New Courses</b>	
H.	<b>Visitors to the Department, if any</b>	Prof. Viney Kapoor, Head, Department of Law, GND University Amritsar

### I. Accomplishments of Students

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

One Year LL.M. II Semester Session 2014-15			
Sr. No.	Student's Name	Dissertation Title 2	Supervisor
1	Tanaya Agrawal	Judicial Appointments In India : An Analytical Study	<b>Supervisor</b> Prof. S.K Bhatnagar. <b>Co- Supervisor</b> Dr. Preeti Misra
2	Juhi Singh	Ordinance Making Power Under The Indian Constitution : A Critical Analysis	<b>Supervisor</b> Prof. S.K Bhatnagar <b>Co- Supervisor</b> Prof . Priti Saxena
3	Neha Mishra	Domestic Violence Against Women In India	<b>Supervisor</b> Dr. Sudarshan Verma <b>Co- Supervisor</b> Dr. Sangeeta Krishna
4	Animesh Kumar	Right To Education In India: A Constitutional And Legal Perspective	<b>Supervisor</b> Prof. S.K Bhatnagar <b>Co- Supervisor</b> Prof . Priti Saxena

5	Akanksha Kanaujia	An Empirical Analysis Of Law Relating To Prostitution In India	<b>Supervisor</b> Prof. Priti Saxena <b>Co- Supervisor</b> Prof. S.K Bhatnagar
6	Harsh Kumar	Judicial Review And Its Limitations In India : An Analysis	<b>Supervisor</b> Dr. Preeti Misra <b>Co- Supervisor</b> Dr. Sudarshan Verma
7	Prashant Singh	Right To Establish And Administer Minority Institutions : A Critical Analysis	<b>Supervisor</b> Dr. Preeti Misra <b>Co- Supervisor</b> Mrs. Sufia Ahmed
8	Shashiprabha Chaudhari	Custodial Violence In India	<b>Supervisor</b> Dr. Sudarshan Verma <b>Co- Supervisor</b> Dr. Rashida Ather
9	Sweta Rani	A Critical Study of Right to Information in India And Its Impact on Social Transformation	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Dr. Rashida Ather
10	Chित्रा Anand	Criminalization Of Politics In India: An Analytical Study	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Mrs. Sufia Ahmed
11	Anuj Lal	Rights To Information : As Tool Of Prevention Of Corruption	<b>Supervisor</b> Dr. Preeti Misra <b>Co- Supervisor</b> Dr. Sangeeta Krishna

**One Year LL.M. II Semester Session 2015-16**

Sr. No.	Student's Name	Dissertation Title	Supervisor
1.	Satyendra Kumar Tiwari	Examming Justiciability Of Criminal Liability Under Inchoate Offences	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Prof. S.K Bhatnagar
2.	Rakesh Chandra	Right To Privacy In India With Reference To Information Technology Era	<b>Supervisor</b> Prof. S.K Bhatnagar <b>Co- Supervisor</b> Prof . Priti Saxena
3.	Janardan Singh	A Legal Study of Patent in Pharma Industries, with Reference to Life Saving Drugs And Public Heath As A Human Rights	<b>Supervisor</b> Prof. Priti Saxena <b>Co- Supervisor</b> Mr. Dharendra Vikram Singh
4.	Shipra Singh	"A Comprehensive Study Of Judicial And Legal Trends On Appointment Of Judges With Special Reference To Njac"	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Dr. Rajeev Kumar Singh
5.	Hema Sual	Right Of A Women Under Personal Laws A Comparative Analysis	<b>Supervisor</b> Prof. Sudarshan Verma <b>Co- Supervisor</b> Dr. Sufia Ahmed

6.	Pratigya	Prevention Of Corruption In India: A Study Of Lokpal And Lokayuktas Act 2013	<b>Supervisor</b> Dr. Rashida Ather <b>Co- Supervisor</b> Mr. Dharendra Vikram Singh
7.	Ashraf Azmi	Domestic Violence Against Women In India: A Socio-Legal Study Of Takrohi In District Of Lucknow, Uttar Pradesh	<b>Supervisor</b> Dr. Rashida Ather <b>Co- Supervisor</b> Prof. S.K Bhatnagar
8.	Rajeev Kumar Dubey	“Right Of Maintenance Of Wife In India Under Different Personal Laws: A Comparative Study ”	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Prof. Sudarshan Verma
9.	Vijesh Kumar	Directive Principles Of State Policy Deadstock Or Living Law	<b>Supervisor</b> Prof. Sudarshan Verma <b>Co- Supervisor</b> Dr. Rajeev Kumar Singh
10.	Saransh Singh	The Official Language Of Constitutional Courts (A Comprehensive Study).	<b>Supervisor</b> Prof. Sudarshan Verma <b>Co- Supervisor</b> Dr Sangeeta Krishna
11.	Mayank Baudh	समाज में बढ़ते बाल अपराध: एक अध्ययन	<b>Supervisor</b> Prof . Priti Saxena <b>Co- Supervisor</b> Dr. Rajeev Kumar Singh
12.	Brijesh Kumar	Juvenile Justice System In India: A Critical Evaluation	<b>Supervisor</b> Dr. Preeti Misra <b>Co- Supervisor</b> Prof. S.K Bhatnagar
13.	Zoya Fatima	Right To Food In India: An Analytical Study With Human Rights Perspective	<b>Supervisor</b> Dr. Rashida Ather <b>Co- Supervisor</b> Dr. Sangeeta Krishna

**K. Co-curricular/Extra-curricular/ Conference event organized by the Department**

**L. Future Plans of the Faculty of Your Department , if any**

## 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.

### Faculty Details

Name	Designation	Qualification	Area of Specialization
Dr. 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. (NET-JRF)	Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.
Dr. Anis Ahmad	Assistant Professor	LL.M. (NET)	Environmental Law, Jurisprudence, Intellectual Property Law.
Dr. Pradeep Kumar	Assistant Professor	LL.M. (NET)	Criminal Law, Administrative Law, Intellectual Property Law,.

### 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.

## F. 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*.

Discussion and Debate Programmes were organized by Students Academic forum of the department on the following dates and topics:

1. Organized a Mini Seminar on the topic "**Climate Change and Sustainable Development**" on 23<sup>rd</sup> April 2015.
2. Organized a Mini-Seminar on the topic "**Importance of Wetlands and Sustainable Development**" on 02 Feb, 2016 on occasion of World Wetlands Day.
3. Organized a debate on topic "**Protection of Environment: Need of the Hour**" on 22<sup>nd</sup> April 2016 on occasion of World Earth Day.

### 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.

The cell organized Community Legal literacy programme in four schools of *Aurangabad Jagir Village* on **Recitation of Preamble of the Indian Constitution** to celebrate Constitutional Day on 26 Nov, 2015 Lucknow.

### 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, articles on various socio-legal issues. The observations made by the judges in various cases are placed which keep students updated

## G. Courses Offered:

- i) LL.M. (Two Year Course)
- ii) Ph.D.

## H. Visitors of the Department

Prof. Philippe Cullet, Professor of International and Environmental Law and Development of Centre at the School of Oriental and African Studies- University of Landon.

## I. Accomplishment of the Students

- Mr. Sushil Kumar Pandey selected as Assistant Prosecuting Officer (APO) in Uttar Pradesh Government in 2015.
- Mr. Sateyandra Kumar selected as ARO in Allahabad High Court, Uttar Pradesh Government in 2015.
- Mr. Avinash Chandra selected as Assistant Registrar Registry Uttar Pradesh Government in 2015.

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

**i). Prof. Sudarshan Verma**

Ph.D. 06

LL.M. Dissertation supervised: 04

**ii). Dr. Sufiya Ahmed**

LL.M. Dissertation supervised: 04

**iii). Dr. Anis Ahmad**

Ph.D. 03

LL.M. Dissertation supervised: 04

**iv). Dr. Pradeep Kumar**

Ph.D. 04

LL.M. Dissertation supervised: 05

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

**i) Lectures organized by the Department:**

1. Prof. K.C. Joshi, former V.C. Kumanun University Nainital, Campus Almora 03August 2015.

2. Prof. K.C. Joshi, former V.C. Kumanun University Nainital, Campus Almora 26August 2015.

3. Prof. S.D. Sharma, Professor of Law, Kumanun University Nainital, Campus Almora, 23 January 2016.

4. Prof. R.N. Choudhary former Head & Dean, Department of Law, Gorakhpur University, Gorakhpur, 27 May 2016.

**ii) Seminar:** Organized one day National Seminar on "BabaSaheb Bhimrao Ambedkar and Social Justice" on 22<sup>nd</sup> September 2015.

**iii) Organized** Mushyara and cultural Programme on the eve of 30<sup>th</sup> March.

**L. Future plans of the Department, if any**

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.

**M. Academic Details/activities of the Faculty of your Department under the following heads:**

i). Academic Details/activities of Prof. (Dr.) Sudarshan Verma

1. Research Publication (s)

a. Book Chapter: **Education as an Catalyst of Social Change**, Babasaheb Bhimrao Ambedkar'S Vision of Education- Massage for Teachers and Teacher Educators, Narendra Publishing House **P.71-103**, ISBN:978-93-84337-79-7

**c. National Conference/Journals/Paper Presentation**

1. Presented a paper on, "Ambedkar's vision on Social Justice in India.". In National Seminar on "Babasaheb Bhimrao Ambedkar and Social Justice", organized by Depptt. Of Law, School of Legal Studies Babasaheb Bhimaro Ambedkar University on September,22<sup>nd</sup> 2015.

2. Presented a paper on, "Social And Political Exclusion From Democratic Participation in The Name Of Education: An Analysis of Rajbala & Others V. State Of Haryana AIR 2016 SC 33". In National Seminar on Ambedkar's Vision on Inclusive Society (AVIS-2016) organized by Centre for Study of Social Exclusion and Inclusive Policy(CSSEIP) Babasaheb Bhimaro Ambedkar University Lucknow on February 19,2016.

3. Presented a paper on, "Vidhi Avam Nyay Ke Kshetra Main Bhartiya Bhashaon Ki Upyogita: Ek Avlokan". In National Seminar on Vidhi Avam Nyay Ke Kshetra Main Bhartiya Bhashaon Ki Upyogita, organized by Department of Law, Allahabad University, Allahabad, on 27&28 February ]2016.

4. Presented a paper on, "State Activism on social Media Posts An Authentication Under Constitutional Scheme of Freedom

of Speech and Expression". In National Seminar on Freedom of Speech and Expression: Contemporary Issues & Challenges, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow, March 30<sup>th</sup> & 31<sup>st</sup>, 2016.

5. Presented a paper on, "Visulization of Dr. Ambedkar for Empowerment of Women in India and Prospects." ". In National Seminar on "Visulization of Dr. Ambedkar for Empowerment of Women in India and Prospects.", Organized by Committee of Basic Facilities for Women, Babasaheb Bhimaro Ambedkar Central University) , Luck now, on8<sup>th</sup> & 9<sup>th</sup> March, 2016.

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

1. Presented a paper on **Environment Pollution a crime against humanity'** in an international seminar on Globalization, Environment and Social Justice in India held on 15-16 February, 2016 in the Department of Sociology, BBAU.
2. Invited Speaker/Session Chaired in National/International Conferences details Invited Speaker
  1. Delivered a lecture in National Seminar on "Visulization of Dr. Ambedkar for Empowerment of Women in India and Prospects.", Organized by Committee of Basic Facilities for Women, Babasaheb Bhimaro Ambedkar Central University) , Luck now, on8<sup>th</sup> & 9<sup>th</sup> March, 2016.

**Session Chaired in Seminars/Conferences/ Workshops**

1. **Chaired** a session in National Seminar on "**Babasaheb Bhimrao Ambedkar and Social Justice**", organized by Department of Law, School for Legal Studies, BBAU, Lucknow on September, 22<sup>nd</sup> 2015.
2. **Chaired** a session in National Seminar on **Ambedkar's Vision on Inclusive Society** (AVIS-2016), organized by Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP) Babasaheb Bhimaro

Ambedkar University( NAAC Accredited 'A' Grade Central University ), BBAU, Lucknow on February 19, 2016.

3. **Chaired** a session in National Seminar on Vidhi Avam Nyay Ke Kshetra Main Bhartiya Bhashaon Ki Upyogita, organized by Department of Law, Allahabad University, Allahabad, on 27&28 February 2016.
4. **Chaired** a session in National Seminar on Freedom of Speech and Expression: Contemporary Issues & Challenges, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow, March 30<sup>th</sup> & 31<sup>st</sup>, 2016.
5. **Chaired** a session in National Seminar on "Visulization of Dr. Ambedkar for Empowerment of Women in India and Prospects.", Organized by Committee of Basic Facilities for Women, Babasaheb Bhimaro Ambedkar Central University) , Luck now, on8<sup>th</sup> & 9<sup>th</sup> March, 2016.
7. Research Guidance i).
  - i) Ph.D. 06
  - ii) LL.M. Dissertation supervised: 04
  - iii) 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
    - **Member**, Library Committee, B.B.A. University, Lucknow
    - **Member, Internal Complaint** B.B.A. University, Lucknow
    - **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 Screenibg 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

**M. Academic Details/activities of Dr. Sufiya Ahmed Faculty of Department of Law under the following heads:**

1. Research Publication (s)

1. **Paper Publication :**

1. Published a paper titled “ **Dr. ambedkar and social Justice: myth or Reality**” in the *International Journal of Innovative Social Science & Humanities Research*, Vol. (2), Issue-4, Oct-Dec,2015

**c. National Conference/Journals/Paper Presentation (if any)**

1. Presented a paper on **Ambedkar’s vision of reservation: Myth or Reality** in a national seminar on Babasaheb Bhimrao Ambedkar and Social Justice held on 22 September 2015 in the Department of Law, BBAU.

2. Presented a paper on **Recounting the story of exclusion: status of muslim education in India and some reflection on Sachar committee Report on their inclusion** in a national seminar on Privatization of Education and Social Justice in India held on 16-17 November, 2015 in the Department of Sociology, BBAU.

3. Presented a paper on **Right to Health Care:**

**Constitutional and Judicial perspective** in a national seminar on politics of development in India held on 12-13 February, 2016 in the Department of political science, BBAU.

4. Presented a paper on **Islam on Cyber Space: A Critical Analysis**” in a national seminar on information security challenges held on 24 February, 2016 in the Department of Information Technology, BBAU.

5. Presented a paper on **Ambedkar’s vision of social justice: Myth or Reality** in a national seminar on Ambedkar’s vision on inclusive society held on 22 February, 2016 in the centre for study of social exclusion and inclusive policy, BBAU.

6. Presented a paper on **Minority within Minority: Legal protection of Muslim women in India with special reference to women in Kashmir** in a national seminar on Visualization of Dr. B.R. Ambedkar’ Women Empowerment in India: issues and Perspective held on 8-9<sup>th</sup> March, 2016 organised Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow.

7. Presented a paper on “**Hate Speech Against Islam in India vis-à-vis Freedom of Speech: A Critical Analysis**” in Two day National Seminar on 30<sup>th</sup> & 31<sup>st</sup> March 2016 on Freedom of Speech and Expression: Contemporary Issues & Challenges, organized by the Dept. of Human Rights, School for legal Studies, BBAU.

**d. International Conference/Journal/Paper Presentation**

Presented a paper on **Environment and Sustainable Development: A legal Analysis** in an international seminar on Globalization, Environment and Social Justice in India held on 15-16 February, 2016 in the Department of Sociology, BBAU.

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

### Invited Speaker

1. Lecture delivered on “Assisted reproductive technology in India: Legal-Ethical issues” in a national seminar on socio-ethical issues in contemporary biotechnology organized by the department of biotechnology, BBAU, Lucknow on 23<sup>rd</sup> September 2015.

### Session Chaired in Seminars/Conferences/Workshops

1. Co- chaired a session in the one day National Seminar on 22<sup>nd</sup> September 2015 on Babasaheb Bhimrao Ambedkar and Social Justice organized by Department of Law, School for legal Studies, BBAU.
2. Co-Chaired a Session in an international seminar on Globalization, Environment and Social Justice in India held on 15-16 February, 2016 in the Department of Sociology, BBAU.
3. Co-Chaired a Session in a national seminar on Ambedkar’s vision on inclusive society held on 22 February, 2016 in the centre for study of social exclusion and inclusive policy, BBAU.
4. Chaired a Session in a national seminar on Visualization of Dr. B.R. Ambedkar’ Women Empowerment in India: issues and Perspective held on 8-9<sup>th</sup> March, 2016 organised Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow
7. Research Guidance (if any)

### LL.M. Dissertation supervised: 04

8. Google Scholar Profile (if available) : <https://scholar.google.co.in/citations?hl=en&imq=Sufiya+Ahmed&user=KDaqVJcAAAAJ>

### M. Academic Details/activities of Dr. Anis Ahmad Faculty of Department of Law under the following heads:

1. **Research Publication (s)**
  - a. **Book(s) Book(s)/Book Chapter(s) Authored/Edited Book/Monographs(s) (if any)**

1. Agro-Environmental Sustainability and Intellectual Property Rights. **Mittal Publication , New Delhi- 2016, ISBN,81-8324-634-6**

### b. Paper Publication :

1. Anis Ahmad and Farhana, “Potentiality of concept of Plea bargaining in India: Need for its application in Criminal Cases” Volume XXII 2014-2015 Aligarh Law Journal (A Refereed Journal) ISSN 0568-9996.
2. Anis Ahmad and Rishikesh Singh Faujdar, “Role of National Green Tribunal and Environmental Justice in India: An Assessment” Vol.2.No.22 Journal GSD-Green & Sustainable Development, Kolkata (November 2015) ISSN 2350-1464.
3. डा. अनीस अहमद गरीबी, मानवाधिकार एवं सतत् विकास-एक वि लेषणात्मक अध्ययन नई दिशाएँ वार्षिक अंक-12-2015 राष्ट्रीय मानव अधिकार आयोग, नई दिल्ली

### c. National Conference/Journals/Paper Presentation

1. Presented paper on “Social Justice and Indian Constitution” in one day National Seminar “Babasaheb Bhimrao Ambedkar and Social Justice” 22<sup>nd</sup> September 2015 organized by Department of Law, SLS,BBAU, Lucknow.
2. Presented paper on “Right to Education and Social Justice in India: A Constitutional Perspective” in two days National Seminar on “ Privatization of Education and Social Justice” 16-17 November 2015 organized by Department of Sociology , SAS,BBAU, Lucknow,
3. Presented a paper on “Sustainable Development in India: Need to revisit in broader context” in Two days National Seminar on Politics of Development in India 12-13, Feb, 2106 organized by Department of Political Science, BBAU, Lucknow.
4. Presented paper on “ Globalization and Enviro-Social Justice: An Assessment from Indian Perspective” in two days International Seminar on “ Globalization,

Environment and Social Justice: Perspectives, Issues and Concerns” 15-16 Feb 2016 organized by Department of Sociology , SAS,BBAU, Lucknow,

5. Presented paper on “Inclusion of Manual Scavengers: Some Reflection on the Prohibition of Employment as Manual Scavengers & Their Rehabilitation Act,2013” in National Seminar on “ Ambedkar’s Vision on Inclusive Society” on 19 Feb, 2016, organized by the Centre for the Study of Social Exclusion and Inclusive Policy ,BBAU, Lucknow.
6. Presented paper on “Information Security Challenges in India : Some Reflection on the Information Technology Act, 2000, in one day National Conference on “Information Security Challenges” on 24<sup>th</sup> Feb ,2016 organized by Department of Information Technology, BBAU, Lucknow.
7. Presented paper on “ Ambedkar’s Vision on Women Health and Welfare: Retrospect and Prospects” in Two days National Seminar on “ Visualization of Dr.Ambedkar For Empowerment of women in India: Issues and Prospects on 08<sup>th</sup>- 09<sup>th</sup> March 2016, organized by Committee of Basic Facilities for Women BBAU, Lucknow.

**c. International Conference/ Journal/ Paper Presentation**

1. Presented a paper on “Globalisation and Dr. Ambedkar’s Vision on Socio-Economic Development in India: A Contemporary Perspective” in Three days International Seminar on Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century on 07-09 March, 2106 organized by Department of Political Science, BBAU, Lucknow.

**Research Guidance**

1. 03 Three research scholars have been enrolled under my supervision.
2. LL.M. Dissertation supervised: 04

**M. Academic Details/activities of Dr. Pradeep Kumar Faculty Department of Law under the following heads:**

**1. Research Publication (s)**

**a. Paper Publication :**

1. गरीबी और विस्थापन मानवाधिकार के लिये चुनौती Annals of Multi-Disciplinary Research A Quarterly International Refereed Research Journal ISSN 2249-8893, Valume V, Issue 5 December 2015.

**b. National Conference/Journals/Paper Presentation**

1. Presented Paper on “Realizing Ambedkar’s Vision on Indian Judiciary” one day national seminar “Babasaheb Bhimrao Ambedkar and Social Justice” on 22<sup>nd</sup> Sep.2015 organize by Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.
2. Presented Paper on “Right to Education as Human Rights: Future Challenges” two day national seminar “Privatization of Education and Social Justice in India on 16-17 Nov., 2015” organize by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.
3. Presented Paper on “Good Governance at Local Level” two day national seminar “Two Decades of 73<sup>rd</sup> Constitutional Amendment Act (Panchayat Raj): Experiences, Issues, Challenges and Opportunities with Special Reference to Uttar Pradesh. On 5-6 Feb. 2016 organize by Centre for Human Rights, RMLNLU, Lucknow.
4. Presented Paper on “Development and Displacement : Issue of Social Justice and Equity” two day national seminar “Politics of Development in India” on 12-13 Feb. 2016" organize by Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow.
5. Presented Paper on “Globalization and Displacement: IT’S Impact on Indigenous

Communities in India” two day International seminar “Globalization, Environment and Social Justice: Perspectives, Issues and Concerns. On 15-16 Feb.2016 Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow.

6. Presented Paper on “Social Exclusion of Dalit Women Representation in Local Governance “ one day national seminar “Ambedkar’s Vision on Inclusive Society (AVIS-2016) on 19 Feb. 2016. Center for Study of Social Exclusion Policy(CSSEIP), Babasaheb Bhimrao Ambedkar,University, Lucknow.
7. Presented Paper on “Cyber Law: Approach to Prevent Cyber Crime” one day national seminar Information Security Challenges (NCISC-2016) on 24.Feb. 2016. Department of Information Technology, Babasaheb Bhimrao Ambedkar, University, Lucknow.
8. Presented Paper on “Dr. Ambedkar’s Effort Towards The Women Empowerment” one day national seminar “Visualization of Dr. Ambedkar for Empowerment of Women in India: Issues and Prospects.” On 8-9 March 2016 organize by Committee of Basic Facilities for Women, Babasaheb Bhimrao Ambedkar University, Lucknow.
9. Presented Paper on “Integrated India and Freedom of Speech & Expression.” two day national seminar “Freedom of Speech and Expression: Contemporary Issues & Challenges. On 30-31 March 2016organize by Department of Human Rights, School for Legal Studies, Babasaheb Bhimrao Ambedkar, University, Lucknow.

### c. **International Conference/ Journal/ Paper Presentation**

1. Presented Paper on “Governance and Public Polices in India: Issues and Challenges” two day International seminar “Dr. Ambedkar’s Global Vision: The Emerging Knowledge Society in 21<sup>st</sup> Century. On 7-9 March 2016 organize by Department of Political Science, Babasaheb Bhimrao Ambedkar, University, Lucknow

### 5. **Participation in Orientation/Refresher Course/Workshop/Seminar/ Conference**

1. Member, Organizing Committee, National Seminar held on 22<sup>nd</sup> September 2015 on “**Babasaheb Bhimrao Ambedkar and Social Justice**” Department of Law, SLS, BBAU,Lucknow

### 6. **Invited Speaker/Session Chaired in National/International Conferences details**

1. Co-Chair a session in one day National Seminar on “Babasaheb Bhimrao Ambedkar and Social Justice” on 22<sup>nd</sup> Sep.2015 organize by Department of Law, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.

### 7. **Research Guidance**

1. 04 research scholars have been enrolled
2. LL.M. Dissertation supervised: 05

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

1. Life Member All India Law Teacher’s Congress

## 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

#### Introduction of the Department:

The Department of Rural Management under School for Management Studies (SMS) was established in the year 2010. The main objective of the School is to produce Socially, Culturally and Economically sensitive leaders in the field of Management and particularly in the world of Rural Management. India still being the largest agriculture based economy needs high skilled manpower to cater to the needs of farmers, agro based industries, NGOs, and other rural financial sectors. The School is bestowed with rich legacy of successful 5 years. Contemporary Doctoral, Postgraduate and Undergraduate courses pertaining to Business administration are run in this department. The various courses offered in the department are Ph.D., M.Phil, 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:** 1.15

**Department Level Academic Activities:** Teaching, Research, Extension and Development  
**Courses offered/New Courses:** BBA, B.Com (H), MBA, M.Phil. , Ph.D

**Visitors to the Department:** Dr. D.N. Sansanwal, Prof. R.S. Dhariwal, Mr. A.N. Bokshi, Mr. Jitendra Walia

#### Accomplishments of Students:

1. Students had participated in inter university co-curricular activities and won medals.
2. Two students of department are teaching as faculty members in Management subjects in Department of Human Rights of BBAU and other Private university.
3. One student qualified UGC NET
4. Under Graduate students participated in sports activities organised by the University.
5. Students of MBA programmes are undergoing internship at reputed organisations and running canteen under "Earn While Learn Scheme".

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

S. No.	Faculty Name	No. of Ph.D. Students	No. of M.Phil Students
1.	Dr. Kushendra Mishra	6	9
2.	Dr. M.S. Khan	6	8
3.	Dr. Abhilash Babu	4	6
4.	Dr. Taruna	4	6
5.	Dr. Ramesh Chaturvedi	-	-

**Co-curricular/Extra-Co-curricular/conferences event organised by the Department:**

1. International Conference on Changing Paradigm of Management Practices for Sustainable Development
2. Ten Days National Workshop on Research Methodology
3. ICSSR- Ten Days Workshop in Research Methodology

**Future plans of the Department, if any:** Publication of Management Journal

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

**1. Research Publication (s)**

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

S.No.	Faculty Name	Book Chapter
1.	Dr Kushendra Mishra	<ol style="list-style-type: none"> <li>1. HR Analytics: A Boost for Human Capital Management; 238-246, National Conference on Human Resource Development for Sustainable Growth, organized by Banaras Hindu University, Excel India Publishers, 978-93-83869-18-2,2016</li> <li>2. Challenges of Measuring the Immeasurable: An HR analytics Perspective , Pg 33-38, International Conference on Changing Paradimn of Management Practices for Sustainable Development, Publisher Akinik Publications, E-Book, 978-93-85895-15-9, 2016</li> <li>3. Phenomenological Assumptions &amp; Contextual Realities of Integrated Reporting in Indian Institutions of Higher Learning, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications, E-Book 978-93-85895-15-9, 2016</li> <li>4. The impact of consumer behaviour towards unorganised retail stores, Editor Book, National Conference at MNIT, 978-93-83871-33-9, 2016</li> <li>5. Dr. B.R. Ambedkar's contributions for women empowerment, 125th birth anniversary celebrations of bharat ratna Dr. B.R. Ambedkar, Editor Book, 978-93-85895-15-9, 2016</li> </ol>
2.	Dr. Abhilash Babu	<ol style="list-style-type: none"> <li>1. 2016, Redrawing Boundaries: Neoliberal Govern mentality and the Politics of Active Citizenship, In Romaniuk Nicholas Scott &amp; Marlin Marguerite (2016), Democracy and Civil Society in a Global Era, Rutledge, New york.</li> <li>2. 2016,"Participatory Strategies for Sustainable Development and Depoliticisation of Local Spaces", in Majumdar, Swapan Kumar (2016) Growth, Globalization &amp; Governances: Promises and Challenges, Emerald Publications, New Delhi</li> </ol>
3.	Dr. Taruna	<ol style="list-style-type: none"> <li>1. Dr. B.R. Ambedkar's contributions for women empowerment, 125th birth anniversary celebrations of bharat ratna Dr. B.R. Ambedkar, Editor Book, 978-93-85895-15-9, 2016</li> <li>2. Study on role of Green Business in India in International seminar on Changing paradigm of management practices for Sustainable development, March 15-16,2016 &amp; Paper published in the same having ISBN: 978-93-85895-15-9</li> </ol>

**b. Paper Published****1. Dr. Kushendra Mishra**

S. N.	Title of paper	Journal name	ISSN No.	Vol/Issue
1	Modifiers of Financial Capability: An Empirical Study in UP, India	International Journal of Management and Social Sciences Research (IJMSSR)	ISSN: 2319-4421	Volume 4, Issue 1, January 2015
2	Dwindling Levels of Financial Inclusion: An Exploratory Study in Lucknow, India	Journal of Business Management & Social Sciences Research (JBM&SSR)	ISSN: 2319-5614	Volume 4, Issue 1, January 2015
3	Widening Service Quality Gap and Customer Satisfaction: A case of Public Sector Banks	International Journal of Advance Research in Computer Science and Management Studies	ISSN: 2321 7782	Volume 3, Issue 1 ,January 2015
4	Efficacy of Altman's Z Score to predict Financial unassailability: A Multiple Discriminant Analysis of Select Automobile compines in India	Golden Research Thoughts	2231-5063	Vol 4 Issue 7 january, 2015
5	Basel III Implementation in Indian Banks: Challenges and Opportunities	Business Vision	0973-1369	Volume IX, Issue I & II, 2015
6	MFIs in India: Role of Independent Directors in Ensuring the Trade-Off between Social and Financial Goals	Golden Research Thoughts	2231-5063	Volume V, Issue II, 2015
7	ISO 26000 and Indian Companies	Golden Research Thoughts	2231-5063	Volume V, Issue IX, 2015
8	ISO 26000 and Indian Companies	Golden Research Thoughts	2231-5063	Volume V, Issue IX, 2015
9	Invasive Corporate Frauds : An Alarming Call for India Inc.	Indian Streams Research Journal	2230-7850	Volume VI, Issue II, 2016
10	Impact of Gender Diversity on Financial Performance of Indian Companies	International Journal of Management and Social Sciences Research (IJMSSR)	2319-4421	Volume V, Issue III, 2016
11	Human Resource Management Practices in Government & Private Hospitals (An empirical study in Indian Context)	International Journal of Advanced Research	2320-5407	Volume III/ Issue I, 31Oct 2015
12	Potent strategies to intensify brand image and its impact on consumer behaviour	International journal of science, technology & management	2394-1537	Vol IV ,issue I ,september 2015
13	Influence of effectual and creative advertising on brands & purchase behaviour of consumers	International journal of science technology and management	2394-1537	Vol V, issue III, march 2016
14	Mahatma Gandhi national rural employment guarantee act 2005 (MNREGA) success & failure: A comparative study of bangarmau block, unnao district of uttar pradesh)	International Journal of Applied Research	2394-5869	Vol II, Issue I, 2016
15	Impression of Financial measures in HR Analytics, pg no. 87 - 91	International Journal of Interdisciplinary Studies	NA	NA

16	E-commerce: An analytical study of online business transactions & its role in promotion of rural entrepreneurship in India	International Journal in Research in Social Sciences	NA	NA
17	Performance Management: " A comparative study of government & private school	International Journal of Multidisciplinary Research & development	2349-5979	Vol II, Issue XII, 2015
18	Study on Rural Women entrepreneurship In India: Issues & Challenges	International journal of Applied Research	2394-5869	Vol II, Issue II, 2016
19	Self service Technology & E-banking: Growing relevance & benefits	Global Journal for research analysis	2277-8160	Vol V, Issue III, March 2016
20	Corporate Governance- Challenges & Opportunities( An empirical study in Indian Context)	Global Journal for research analysis	2277-8160	Vol V, Issue IV, April 2016
21	Mahatma Gandhi national rural employment guarantee act 2005 (MNREGA) success & failure: A comparative study of bangarmau block, unnao district of uttar pradesh)	International Journal of Applied Research	2394-5869	Vol II, Issue I
22	Evaluation of e-commerce in context of Indian market	Indian Journal Of Applied Research	ISSN 2249-555X	Vol V, Issue II, Feb 2015
23	Soybeans: e- tailing of agro products	International Organizations Of Scientific Research Journals		January, 2015
24	Municipal solid waste management with special reference to Lucknow p.g 96-99	International Journal Of Multidisciplinary Research And Development	E-2349-4182, ISSN 2349-5979	Vol II, Issue II, Feb 2015
25	"Make in India" manufacturing innovation & policy initiative	Indian Journal of Applied Research	ISSN 2249-555X	Vol V, Issue II, Feb 2015
26	Sustainable development as a tool for tourism marketing	Indian Journal of Applied Research	ISSN 2249-555X	Vol V, Issue I, Jan 2015
27	Business analytics as a tool to business experimentation - issues and challenges	Asian Journal of Management Research	ISSN 2229 - 3795	Vol V, Issue III, 2015
28	Impact of retail atmospherics in attracting customers: a study of retail outlets in Lucknow	International Journal of Research in Commerce and Management	ISSN 0976 - 2183	2015
29	Traditional marketing vs digital marketing a study to exfoliate the emergence of digital marketing	G - Journal of Environmental Science and Technology	ISSN 2322 - 0228	January, 2015
30	Role of motivation in promoting self - learning at higher education in India	Indian Journal of Applied Research	ISSN 2249-555X	Vol V, Issue II, Feb 2015
31	Corporate Social Responsibility: Understanding CSR in Layman's Language and its use for goodwill creation	Journal of Business Management & Social Sciences Research (JBM&SSR)	ISSN 2319-5614	Vol 4, Issue II, Feb 2015
32	Deploying fuzzy logic engineering tools on multiple attribute decision making in economic analysis	International Journal of Multidisciplinary Research and Development	e-ISSN 2349-4182; p-ISSN 2349-5979	Vol II, Issue I, Jan 2015

33	A Study of Halo Effect on Consumer Buying Behaviour in Reference to Bridal Apparels	Indian Journal of Applied Research	ISSN - 2249-555X	Vol V, Issue II, Feb 2015
34	Study on Rural Women entrepreneurship In India: Issues & Challenges	International journal of Applied Research	2394-5869	Vol II, Issue II, 2016
35	Self service Technology & E-banking: Growing relevance & benefits	Global Journal for research analysis	2277-8160	Vol V, Issue III, March 2016
36	Corporate Governance- Challenges & Opportunities (An empirical study in Indian Context)	Global Journal for research analysis	2277-8160	Vol V, Issue IV, April 2016
37	Is Green Marketing really a Miraculous Gizmo in the hands of Green Marketing Personnel- Myths & Facts	International Journal of Scientific Research in Science, Engineering & Technology	2394-4099	Vol II, Issue V, 2016
38	Invasive Corporate Frauds : An alarming call for India Inc.	Indian Streams Research Journal	2230-7850	Vol VI, Issue II, Mar 2016
39	Does Size Matter? Board Size Trend in Indian Companies	Review of Research Journal	2249-894X	Vol V, Issue VI, Mar 2016
40	CEO-duality in India : Private Sector Companies vs Public Sector Undertakings	Review of Research Journal	2249-894X	Vol V, Issue VII, Apr 2016
41	Corporate Sustainability and CSR	Indian Streams Research Journal	2230-7850	Vol VI, Issue III, April 2016
42	Board Effectiveness: A Key to Good Corporate Governance	Golden Research Thoughts	2231-5063	Vol V, Issue X, April 2016
43	Gender Diversity: A step towards good corporate governance	Golden Research Thoughts	2231-5063	Vol VI, Issue III, Sep 2016

## 2. Dr. Taruna

S. No.	Title with Page No	Date of publication	Journal	ISSN/ISBN
1.	Empowering Women Through Self Help Groups: A Case Study Of BRLPS	2015	Global Journal of Engineering Science and Research Management	2349-4506
2.	HR Analytics Measuring The Immeasurable	2015	Mandate An International Journal of Management, Development & Communication	2350-4952
3.	Role of HR Strategies for Conflict Management	2015	International Journal Of Advance Research	2320-5407
4.	The Different Perspective of managerial and operational level towards CRM practice	2015	International Journal of Scientific Research	2394-4099
5.	MFIs in India : Role of Independent Directions in Ensuring the Trade Off between social and financial goals	2015	International Multidisciplinary research journal Golden Research Thought	2231-5063
6.	Financial Inclusion as a Precursor to Economic Development and Change	2015	Euro-Asia International Journal of Research in Engineering and Applied Sciences	2249-7382

7.	HR Analytics Transforming Human Resource Management	2015	International Journal of Applied Research	2349-5869
8.	Contrasting Levels of Financial Capability in India	2015	International Journal Innovative Research and Development	2278-0211
9.	A study on Corporate Governance Practices in India	2015	International Journal of Applied Research	2394-7500
10.	A study on Impact of micro finance: with reference to priority states of India	2015	International Journal of Multidisciplinary Research and Development	2349-4182
11.	Devising Satisfaction Quotient In The Value Chain: A Case Study Of Amul	2015	Global Journal f or Research Analysis	2277-8160
12.	A well-Knit Agro Supply Chain As a precursor to growth and development of Horticulture	2015	Explore International research Journal Consortium Journal	2319-4421
13.	Work Life Balance: Challenges and Opportunities	2015	International Journal of Applied Research	2394-7500
14.	Management Information System: significant tool or strategic and discrete planning	2015	International Journal of Multidisciplinary Research	2321-1784
15.	Knowledge Sharing: Collaboration between university and industry organization	2015	Blue Ocean Research Journal	2319-5614
16.	A qualitative study of employee motivation factor in Bank of Baroda	2015	Interdisciplinary Journal of Contemporary Research	2393-8358
17.	Impact of MGNREGA on Rural Development and Detailing of MNREGA with other Rural Development Schemes	2015	Interdisciplinary Journal of Contemporary Research	2393-8358
18.	Prospects and Challenges of Rural Entrepreneurship Development in Lucknow	2015	Interdisciplinary Journal of Contemporary Research	2393-8358
19.	A study on Banking Sector Reforms in India Opportunity and Challenges	2015	Interdisciplinary Journal of Contemporary Research	2393-8358
20.	A comparative study on MNREGA with reference to employment outcomes and expenditure outcomes in last five years.	2015	International Journal of Humanities and social science research	2455-2070
21.	Impact of social networking on consumer behaviour and monetary benefits to corporate hubs	2015	IJAR	1072-1077
22.	Relative demarcates on consumer towards online retail marketers with reference to Filpkart etc.	2015	IJCMR	2455-1627
23.	An Empirical Study on implementation of CRM practice in PSB's and consumer satisfaction	2015	IJM RD	2349-5979
24.	Microfinance: Empowering role, issues and challenges in India	2015	Indian journal of Applied Research	2249-555X
25.	Role of Make in India as a driver of growth in Manufacturing sector	2015	IJAR	2394-7500

26.	An empirical study on e-banking services: A road ahead for better customer satisfaction	2016	International Journal of Advanced Educational Research	2455-6157
27.	Environment impact assessment of retail outlets and their influence on consumer buying behaviour with reference to Lucknow City	2016	International Journal of Commerce and Management Research	2455-1627
28.	A conceptual study on leadership: leadership development & its effect on managerial levels	2016	International Journal of Advanced Education and Research	2455-5746
29.	Performance, Trend And Development Of Tourism With Reference To The Indian Economy	2016	International Journal of Business Economics and Management Research	2229-4848
30.	Attributes and Utility of Smart Phone: Affecting Buying Decision with Reference To Lucknow City	2016	International Journal of Advanced Education and Research	2455-5746
31.	A study on SMEs in India: Concept, struggle, crisis & the road ahead	2016	International Journal of Academic Research and Development	2455-4197
32.	Dr. Ambedkar's Vision: Balance of Society By Transforming Self And Society	2016	International Journal of Research in Social Sciences	2249-2496
33.	Story Of Conversion Of Kvos Into Kvos.Com Through Viapoar Model	2016	International Journal of Business Economics and Management Research	2229-4848
34.	Green HRM: Review of Contemporary Eco-Friendly Practices of Human Resource Management.	2016	International Journal of Business Economics and Management Research	2229-4848
35.	A Study On Rural Development Schemes And Their Initiatives In Developing India	2016	International Journal of Marketing and Management Research	2229-6883
36.	A Pragmatic Study On The Challenges, Strategies And Opportunities Of Marketing In Rural India	2016	International Journal in Management and Social Science	2321-1784

### 3. Dr. Ramesh Chaturvedi

S.No.	Title
1.	1) Chaturvedi Ramesh and Yadav S (2016) consumer Psychographics and its interaction on impulse buying; pragat the journal, vol.7 (2).
2.	2) Chaturvedi Ramesh and Yadav S (2016) influence of inshore factors on impulse buying Amity Journal of Management Vol. 2 (2)

### c. National Conference/Journal/Paper Presentation(if any)

Faculty Name	Title
Dr. Kushendra Mishra	1. Financial Measures in HR Analytics: Emergent issues and Concomitant challenges, North Eastern Hill University, Tura Campus
	2. HR Analytics: A Boost for Human Capital Development, Banaras Hindu University, Varanasi
	3. Industry Institute Partnership: A Panacea for Higher Education Relevance And Sustainability, North Eastern Hill University, Tura Campus.

Faculty Name	Title
	3. The rising scales of Green Marketing: A contextual study of India, Babasaheb Bhimrao Ambedkar University, Lucknow, U.P (Central University)
	4. Financial Inclusion A tool for Rural Development and Growth, Bora Institute of Management Sciences, Knowledge Campus, Lucknow
<b>Dr. Taruna</b>	<ol style="list-style-type: none"> <li>1. A critical study Rural Development Schemes and implementation in Rural India in National Seminar on Economic Development of India in Present Scenario organized by Sri JNPG College.</li> <li>2. A Critical Study on Rural Development Schemes and Implementation in developing in India in National Seminar on Kalam's Vision of Developed India organized by Sri JNPG College.</li> <li>3. 'Make in India'- A Vision and Prospects of Manufacturing sector in the Economy in National Seminar on Digitalization of India: Empowering Online Infrastructure organized by Bora Institute of Management Sciences.</li> <li>4. Dr. B.R. Ambedkar's Contribution for Women Empowerment in National Symposium on the Contribution of Babasaheb Ambedkar for Development of Modern India organized by BBAU.</li> </ol>
<b>Dr. Abhilash Babu</b>	1. 2016-National conference on Agriculture, Environment and Sustainable Development, organised by Department of Geography, Aligarh Muslim University, Aligarh, March 21-22,

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

Faculty Name	Title
<b>Dr. Kushendra Mishra</b>	<ol style="list-style-type: none"> <li>1. Make in India Campaign: Government Initiatives towards Inclusive Growth And Development, Amity University, Lucknow Campus.</li> <li>2. Make in India: An Ambitious Economic Reform Campaign, Aligarh Muslim [A Central] University, Aligarh</li> <li>3. Self Help Groups- A Tool for Women Empowerment, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications</li> <li>4. Financial Inclusion A tool for Rural Development and Growth, Bora Institute of Management Sciences, Knowledge Campus, Lucknow</li> <li>5. Effective supply chain management (SCM): A bridge to organizational capability &amp; performance, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications</li> <li>6. Impact of Agricultural supply chain on rural development, Shri Jai Narayan P.G. college</li> <li>7. Emerging Trends in Human Resource Management, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications</li> <li>8. Ineffective Supply Chain Management: An impediment to proper implementation of Mid-day meal programe- A study of Bangrmau Block, Unnao District (U.P), International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications</li> <li>9. Phenomenological Assumptions &amp; Contextual Realities of Integrated Reporting in Indian Institutions of Higher Learning, International Conference on Changing Paradigm of Management Practices for Sustainable Development, Publisher Akinik Publications</li> </ol>

<b>Dr. Taruna</b>	1. Changing Paradigm of Management Practices for Sustainable Development in Organizing Secretary, of two day International Conference organized by Department of Rural Management, BBAU.
<b>Dr. Abhilash Babu</b>	1. 2015-International Conference on Post- Globalisation in Asia, December 16 <sup>th</sup> - 17 <sup>th</sup> 2015, jointly organised by Babasaheb Bhimrao Ambedkar University and Association of the Socio-Economic Development Studies ASEDS, Lucknow. 2. 2016-International Conference on Growth, Globalization & Governances: Promises and Challenges, 22-24 January, JKLaksmipat University, Jaipur, Rajasthan.

**2. Participation in orientation/Refresher Course/Workshop/Seminar/Conference (if any):**

S.No.	Faculty Name	Orientation/Refresher Course/Workshop/Seminar/Conference
1.	Dr. Ramesh Chaturvedi	Refresher Course
2.	Dr. Taruna	Workshop

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

S.No.	Faculty Name
1.	Dr. Kushendra Mishra
2.	Dr. M.S. Khan
3.	Dr. Taruna
4.	Dr. Ramesh Chaturvedi
5.	Dr. Abhilash Babu

**4. Research Guidance (if any): Two Ph.D. awarded in the Department**

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

S.No.	Name of Association
1.	Indian Commerce Association
2.	All India Accounting Association

**6. Google Scholar Profile (if available): Dr. Ramesh Chaturvedi**

## SCHOOL FOR PHYSICAL SCIENCE

### DEPARTMENT OF APPLIED CHEMISTRY

Citation index of the Department: h-index: 45,  
i10-index: 37

**Department Level Academic Activities:**  
Community services & industrial visit

**Courses offered/ New Courses:** M. Sc. Applied Chemistry, M.Sc. Polymer Chemistry, M.Phil in Chemistry, Ph.D Chemistry

#### Visitors to the Department:

#### Prof. Gurmeet Singh & Prof. V. K. Tandon

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

#### Ph.D students

S. No.	Name	Guide Supervisor
1	Manisha Gautam	Prof. Kaman Singh
2	Satya Prakash Gupta	
3	Ajay Kumar	
4	Sandhya Singh	Dr. Gajanan Pandey
5	Gaurav Hitkari	
7	Azad Kumar	
8	Abhishek Verma	Dr. Jyoti Pandey
9	Deepak Kumar	
10	Manoj Kumar Shrivash	
11	Reena Patel	Dr. Shailesh Kumar
12	Ranjana Bisht	Dr. Gajanan Pandey
13	Ram Subhawan Verma	Dr. Shailesh Kumar
14	Jagriti Chaturvedi	Dr. Gajanan Pandey
15	Akhilesh Kumar Shukla	Dr. Jyoti Pandey
16	Sumit Kumar	Dr. Shailesh Kumar
17	Balakishan Bhukya	Dr. Shailesh Kumar

#### M.Phil. students

S. No.	Name	Guide Supervisor
1	Amit Kumar	
2	Lokendra Singh	
3	Babita Dubey	
4	Ashi Verma	
5	Sristhi Pandey	

#### Academic details/ activities of the faculty of department under the following heads

#### Prof. Kaman Singh (Professor)

1. Award & Recognition (if any) :

#### INSA International Bilateral exchange programme-2016

2. Members of Board/committee (outside BBAU):

- Member BOS- Innovation center on Food Processing & Food Tech.
- Member-BOS- Johar University, Rampur, U.P.
- Member: Int. Commision for Uniform Methods of Sugar Analysis (ICUMSA)

3. Research publication (s)

- a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph (s) (if any) :
- b. Paper published: **06**
- c. National Conference/ Journals/ Paper presentation (if any) **04**
- d. International conference/ Journal/ Paper presentation (if any) **03**

4. Invited speaker/ session chaired in national/ international conference details (if any) **02**

5. Research guidance (if any) **01 awarded, 01 Submitted, 03 Pursuing**

6. Membership/ fellowship of professional/ academic bodies (if any) : **INSA 2016.**

#### Dr. Gajanan Pandey (Associate Professor & Head)

1. **Members of Board/committee (outside BBAU):** Member Academic Council, Central Institute of Plastic Engineering & Tech (CIPET), Lucknow.

2. Research publication (s)

- a. Book (S Book (S)/Book chapter (s)

authored/ edited book/ monograph (s) (if any) **01**

- b. Paper published **05**
- c. National Conference/ Journals/ Paper presentation (if any) **01**
- d. International conference/ Journal/ Paper presentation (if any) **01**
3. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any)
4. Invited speaker/ session chaired in national/ international conference details (if any) **01**
5. Research guidance (if any) **02 awarded, 06 Continuing**
6. Membership/ fellowship of professional/ academic bodies (if any)

#### American Nano Society, Academy of Microscope Science & Technology.

#### Dr. Jyoti Pandey (Assistant Professor)

1. Research publication (s)
  - a. Book (S Book (S)/Book chapter (s) authored/ edited book/ monograph (s) (if any) **02**
  - b. Paper published **05**
  - c. National Conference/ Journals/ Paper presentation (if any) **01**
  - d. International conference/ Journal/ Paper presentation (if any) **01**
2. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any) **03**
3. Invited speaker/ session chaired in national/ international conference details (if any) **NA**
4. Research guidance (if any) **04 (Continuing)**
5. Membership/ fellowship of professional/ academic bodies (if any)
  1. Association of Carbohydrate Chemists & Technologists (India).
  2. Life member of Indian Science Congress Association, Kolkata
  3. Member of Vigyan Parishad (Prayag)

#### Dr. Shailesh Kumar (Assistant Professor)

1. Award & Recognition (if any):  
Awarded with certificate of appreciation and research grant for publication in BMCL of IF 2.338
2. Members of Board/committee (outside BBAU)  
Life membership of 'The Indian Science Congress Association,' Kolkata  
Life member of "The Association of Chemistry Teachers: Promoting Excellence in Chemistry Education"  
Expert member for Balram Mahavidhyalaya, Sirhi Meja, Allahabad, for its Affiliation for MSc. Chemistry from Dr. Shakuntala Misra National Rehabilitation University, Lucknow
3. Details of the Project Sanctioned/ Executed (during 01.04.2015 to 31.03.2016))
  - a. Fast Track Scheme for Young Scientist, Entitled "Synthesis and biological evaluation of novel 4-alkylaminoethoxy substituted indene derivatives", Department of Science & Technology, New Delhi from 20.8.2012-19.8.2015
  - b. Submit a project on 'Special theme-based call for proposals under organic chemistry-EMR' to Science and Engineering Research Board, New Delhi, in October, 2016
4. Research publication (s)  
Book (S)/Book chapter (s) authored/ edited book/ monograph(s) (if any)  
Paper published: **01**  
National Conference/ Journals/ Paper presentation (if any): **02**  
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): **01**
7. Research guidance (if any): **04**

8. Membership/ fellowship of professional/ academic bodies (if any)  
 Member of Departmental Research Committee of DAC  
 Member of Borad of Post Graduate Studies, DAC  
 Member of the School Board of School of Physical Sciences  
 Member of Central Placement Cell, DAC, BBAU
- Dr. Jawahar Lal Jat (Assistant Professor)**
1. Details of the Project Sanctioned/ Executed
- (during 01.04.2015 to 31.03.2016): **01** (DST-SERB, Govt. of India)
2. Research publication (s)  
 a. Paper published: **01**
3. Participation in orientation/ Refresher course/ workshop/ seminar/ conference (if any): **01**
4. Invited speaker/ session chaired in national/ international conference details (if any) : **01**
5. Membership/ fellowship of professional/ academic bodies (if any): **American Chemical Society**

## DEPARTMENT OF APPLIED MATHEMATICS

### 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 Crptography. The students for these programmes are admitted on the basis of all India entrance test.

**Courses Offered:** (i) M.Sc. in Applied Mathematics (ii) Ph.D. in Applied Mathematics

porous media in the presence of vertical through flow, internal heat source and rotation, **VIJNANA BHARATHI-The frontier journal in SCIENCE, 1(2) pp. 120-140, March 2016. ISSN: 0971-6882.**

7. B. K. Singh and V. K. Srivastava, Approximate series solution of multi-dimensional, time fractional-order (heat-like) diffusion equations using FRDTM, **Royal Society Open Sciences 2: 140511, 2015.** <http://dx.doi.org/10.1098/rsos.140511>.
8. D. Singh, M. Bhaintwal & **B. K. Singh:** Constructions of q-ary functions with good global avalanche characteristics. **International Journal of Computer Mathematics, 92(2) (2015) 266-276.**
9. **B. K. Singh** and C. Bianca, A New Numerical Approach for the Solutions of

### Facultywise Supervision of the Ph.D. student (In Progress)

S.N.	Name of Ph.D. student	Supervisor	Co-supervisor
1.	Mr. Manoj Kumar Singh	Prof. BS Bhadauria	Dr Brajesh Kumar Singh
2.	Mr. Vineet Kumar	Prof. BS Bhadauria	Dr Brajesh Kumar Singh
3.	Mr. Ajay Singh	Prof. BS Bhadauria	Dr Brajesh Kumar Singh
4.	Mr. Pramod Kumar	Dr Brajesh Kumar Singh	----
5.	Mrs. Kanchan Shakya	Dr. Jitendra Singh	----
6.	Ms. Neetu Singh	Prof. Vipin Saxena	----

### Conference organized by the Department

1. Organized National Conference on **MATHEMATICAL TECHNIQUES IN ENGINEERING & TECHNOLOGY (MTET-2016) (Convener-Dr Brajesh Kumar Singh)**. During March 30-31, 2016.

### Member of Board/Committee (outside BBAU)

1. Prof. B S Bhadauria-Member of Board of Studies at Department of Mathematics & Statistics, Dr. Shakuntala Misra National Rehabilitation University, Lucknow
2. Prof. B S Bhadauria-Member of Board of Studies at Department of Mathematics, Ram Swarup Memorial University, Deva Road, Lucknow

### Papers published in Refereed Journals

1. B. S. Bhadauria, Manoj K Singh, Ajay Singh, P. Kiran, **B. K. Singh**, Stability analysis and Internal heating effect on oscillatory convection in a viscoelastic fluid saturated poros medium under gravity modulation, **International Journal of Applied Mechanics and Engineering** 21 (4) (2016).
2. B. S. Bhadauria, A.Singh, M. K. Singh, **B. K. Singh**, Stability analysis and internal heating effects on oscillatory convection in a viscoelastic fluid layer under gravity modulation, **Asia Pacific J. Engg Sci. Tech.** 2 (2) (2016) 1-22.
3. M. K Singh, B. S. Bhadauria, **B. K. Singh**, Bifurcation analysis of modified Leslie-Gower predator-prey model with double Allee effect, **Ain Shams Engineering Journal** (2016), <http://dx.doi.org/10.1016/j.asej.2016.07.007>.
4. Manoj K. Singh, B. S. Bhadauria, **B. K. Singh**, Optimal harvesting of a ratio-dependent predator-prey model with strong Allee effect, **Asia Pacific J. Engg Sci. Tech.** 2 (4) (2016) 1-23.
5. M. K Singh, B. S. Bhadauria, **B. K. Singh**, Qualitative analysis of a Leslie-Gower predator-prey system with nonlinear harvesting in predator, **Int. Journal of Engineering Mathematics**, doi:10.1155/2016/2741891.
6. B. S. Bhadauria, Vineet Kumar and **B. K. Singh**, I. Hashim, Study of convective thermalinstability in nanofluid saturated

- Partial Differential Equations in Three-Dimensional Space, **Appl. Math. Inf. Sci.** 10, No. 5, 1-10 (2016).
10. **B.K. Singh** and G. Arora and M. K. Singh, A numerical scheme for the generalized Burgers–Huxley equation, **Journal of the Egyptian Mathematical Society** 24 (4) (2016) 629-637.
11. **B. K. Singh** and Pramod Kumar, FRDTM for numerical simulation of multi-dimensional, time-fractional model of Navier-Stokes equation, **Ain Shams Engineering Journal** (2016), <http://dx.doi.org/10.1016/j.asej.2016.04.009>.
12. **B. K. Singh**, Numerical computation of Klein-Gordon equation by two methods, **Asia Pacific J. Engg Sci. Tech.** 2 (5) (2016) 9-21.
13. **B. K. Singh**, Pramod Kumar, A novel approach for numerical computation of Burgers' equation in (1 +1) and (2 + 1) dimensions, **Alexandria Engineering Journal** (2016), <http://dx.doi.org/10.1016/j.aej.2016.08.023>.
14. P. Kumar, **B. K. Singh**, S. N. Rai, A numerical computation of Fokker-Planck Equation using modified cubic B-spline differential quadrature method, **Journal of Mathematics and System Science** 6 (2016) 291-299, doi: 10.17265/2159-5291, ISSN 2159-5291.
15. **B. K. Singh**, P. Kumar, Numerical computation for time-fractional gas dynamics equations by fractional reduced differential transforms method, **Journal of Mathematics and System Science** 6 (2016) 248-259, doi: 10.17265/2159-5291, ISSN 2159-5291.
16. **B. K. Singh**, Mahendra Kumar, A numerical computation of a system of linear and nonlinear time dependent partial differential equations using reduced differential transform method, **International Journal of Differential Equations** (2016), <https://www.hindawi.com/journals/ijde/aip/4275389/>
17. **B. K. Singh**, P. Kumar, V. Kumar, An approximate analytical solution approach for solving time-Fractional order Black-Scholes Option pricing equation, **Asia Pacific J. Engg Sci. Tech.** 2 (3) (2016) 15-27.

18. **B. K. Singh**, Fractional reduced differential transform method for numerical computation of a system of linear and nonlinear fractional partial differential equations, **Int. J. Open Problems Compt. Math.**, 9(3)(2016), <http://www.i-csrs.org/Volumes/ijopcm/vol.9/9.3.3.pdf>.

### Book(s)/Book Chapters

1. B. S. Bhadauria, M. K. Singh and **B. K. Singh**, Analysis of Predator-Prey model in the presence of Allee-Effect II, Recent Advances in Mathematical and computational Sciences, Chapter 2, 29-53, 2015, ISBN 978-93-84337-67-4.
2. B. S. Bhadauria, Ajay Singh, Manoj Kumar Singh and **B. K. Singh**, Numerical Study on Chaotic convection in a viscoelastic fluid saturated porous medium under temperature modulation, Recent Advances in Mathematical and computational Sciences, Chapter 4, 55-75, 2015, ISBN 978-93-84337-67-4.
3. B. S. Bhadauria, Vineet Kumar and **B. K. Singh**, Week nonlinear stability analysis of thermal convection in an electrically conducting nanofluid layer under magnetic field modulation, Recent Advances in Mathematical and computational Sciences, Chapter 11, 155-174, 2015, ISBN 978-93-84337-67-4.
4. **B. K. Singh**, Pramod Kumar and Geeta Arora, Modified Cubic B-spline differential quadrature method to solve one dimensional fisher's reaction diffusion equation, Recent Advances in Mathematical and computational Sciences, Chapter 3, 29-53, 2015, ISBN 978-93-84337-67-4.

### Program(s)/Conference(s) attended:

1. **Vipin Saxena, Neetu Singh**, Participated in "National seminar on Development of Mathematical Principle with their Advancement in Computer Sciences" held at Isabella Thoburn College, Lucknow, from 17-11-15 to 18-11-2015.
2. **Vipin Saxena, Neetu Singh**, Variational Methods for solution of Vibration of Plate, presented in LUSCON 2015, held at BBA University Lucknow, from 31-10-2015 to 2-11-2015.

3. **Vipin Saxena, Neetu Singh**, Participated in "Modelling Week and Study Group Meeting Organized under the auspices of National on Differential Equation: Theory, Computation and Application (NPDE-TCA) MWSGMIP-2016" held at ITM University Vadodara, Gujarat from 10-03-2016 to 19-03-2016.

4. **Vipin Saxena, Neetu Singh**, A Study of Vibrations of plates, presented in "National Conference on Mathematical Techniques in Engineering and Technology MTET-2016" held at BBAU University Lucknow, from 30-03-2016 to 24-03-2016.

5. **Manoj Kumar Singh**, B S Bhadauria, B K Singh, Presented a paper entitled "Analysis of a Predator prey model in the presence of Allee effect II" in the 3<sup>rd</sup> Lucknow Science Congress and National Conference on Science for Society: An Interdisciplinary Approach, Organized by BBA University, Lucknow during Oct 31- Nov 02, 2015.

6. **Manoj Kumar Singh**, attended a workshop on Computational Techniques for Differential Equations with MATLAB, Department of Mathematics, IIT Roorkee during July 02-06, 2015

7. **Manoj Kumar Singh**, B S Bhadauria, B K Singh, Presented a paper entitled "Bifurcation analysis of a Predator prey model with additional food and constant yield harvesting in predator" in the the International Conference M3HPCST-2015, during Dec 27-29, 2015. Organized by RSG Institute of Technology, Gaziabad

8. **Manoj Kumar Singh**, B S Bhadauria, B K Singh, Presented a paper entitled "Bifurcation analysis of a Predator prey model with additional food and constant harvesting" in the MTET-2016, organized by Dept. of Applied Mathematics, BBA University, Lucknow during March 30-31, 2016.

9. B S Bhadauria, **Ajay Singh**, B K Singh, Effect of throughflow and variable viscosity in an anisotropic porous medium under gravity modulation 30,31 March MTET-2016.

## DEPARTMENT OF APPLIED STATISTICS

### Introduction of the department :

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 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. Presently there is 52 students are taught in M.Sc. and in Ph.D

Citation Index of the department : 35

**Department level academic activities :** Nil

**Courses offered/New courses :** M.Sc. Applied Statistics, M. Phil. Statistics, Ph.D in Applied Statistics

**Visitors to the department :** Nil

### Accomplishments of students :

S. No.	Name of the Student	Batch	Course	Achievement
1.	Pooja Verma	2014-15	Ph.D	Qualified Indian Statistical Services (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.	Abhilash Tripathi	2011-12	M.Sc.	Working as clerk in Bank of India
7.	Sumit Kumar	2010-11	M.Sc.	Working as Statistical Assistant (B) Govt. of NCT of Delhi 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.	Rohini Pokhrel	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, Lucknow 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 Indian Statistical Services (ISS) examination, 2016
16.	Anand Srivastav	2012-13	M.Sc.	Junior Assistant in ministry of U.P. under commission of Person Disability
17.	Nitesh Agarwal	2012-13	M.Sc.	Clerks 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.	Sapna Maurya	2010-11	M.Sc.	Rajaswa Lekhpal, (U.P. Govt.)

### Facultywise supervision of the Ph.D and M.Phil. Students :

**A. Future plans of the department :** To start the new course M.Sc. in Biostatistics

S.No	Name of Candidate	Session of registration	Name of Supervisor	Supernumerary or Not	Ph.D. or M.Phil.
1	Ajay Kumar	2012-13	Dr. Surinder Kumar	Yes	Ph.D
2	Nazia Wahid	2012-13	Dr. Surinder Kumar	Yes	Ph.D
3	Sumit Kumar	2013-14	Dr. Surinder Kumar	Yes	Ph.D
4	Abhay Pratap Pandey	2013-14	Dr. Surinder Kumar	Yes	Ph.D

5	Mayank Vaish	2013-14	Dr. Surinder Kumar	No	Ph. D
6	ChandniKumari	2014-15	Dr. Surinder Kumar	Yes	Ph.D
7	Ruby Chanchal	2015-16	Dr. Amit Kumarmisra	No	Ph. D
8	Vaishali Gupta	2015-16	Dr. Amit Kumarmisra	No	Ph.D
9	Ankit	2016-17	Dr. Surinder Kumar	No	Ph. D
10	Vijay kumar	2016-17	Dr. Amit Kumarmisra	No	Ph.D
11	Vaidehi Singh	2016-17	Dr. Surinder Kumar	No	Ph. D
12	PremLataGautam	2016-17	Dr. Surinder Kumar	No	Ph.D
13	Km. Mradula	2016-17	Dr. Rahul Varshney	No	Ph. D
14	Mehrajuddin Mir	2016-17	Dr. Surinder Kumar	No	Ph.D

B. Academic detail/activities of the faculty of department under the following heads :

1. **Members of the Board /Committee (Outside BBAU):** UP staff Selection board, Allahabad

2. **Details of the Project sanctioned / Executed (During 01-04-2015 to 31-03-2016):** One project on going (Rs. 6 Lakh)

**3. Research Publication**

a. **Book (s)/ Book Chapter(s) authored/ edited book/ monograph (if any) :** One Book.

b. **Paper Published:** 05

c. **National conference/ journals / paper presentation (If any):** Two

d. **International conference/ Journal /paper presentation (if any):** One

4. **Participation in orientation / Refresher course/ workshop/seminar/conference(if any):** Two

5. **Invited speaker /session chaired in national/ international conferences detail (if any):** One

6. **Research guidance:** One

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

**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)	Sampling theory and Mathematical programming
3	Dr. Amit Kumar Misra	Assistant Professor	Ph.D (Statistics)	Stochastic ordering

## 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. 33 students are enrolled in M.Sc.-III semester while 31 students are enrolled in M.Sc.-I semester students and Enrolled in 04 student in M.sc. (Nuclear Medicine) & 06 Students enrolled in M.Phil. Programme. Our students are qualifying competitive exams and securing admissions to reputed institutions like IITs, IISc. Seven 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 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 optics.

### Research activities and facilities:

- Material Science
- Thin/thick film Sensors
- Nanoscience & Nanotechnology
- Theoretical modelling using ab initio method
- Nuclear Structure
- Neutrino Physics
- Astroparticle Physics
- Material Science

- Nanoscience
- Ultrasonics
- Applied Optics

### Lab Facilities

- Keithley Electrometer
- Impedance Analyzer
- High Temperature Furnace      02
- Photoresist Spinner
- Oven      02
- Stirrer      03
- Ultra Sonic Baths
- Laser experiments etc.
- Double distilled water assembly
- Digital pH meter
- Conductivity meter
- Optical Power Meter
- He-Ne Laser
- Optical Fiber
- Vibration Free Optical Table
- Chemical Vapor Deposition Unit
- UV spectrophotometer
- Automatic Programmable Furnace
- Tubular Furnace
- Rotary Evaporator
- Fume Hood
- Particle Size Analyzer (under process)
- Other equipments for M.Sc. & M. Tech. Lab

### Objectives of the Department

- To undertake study of the basic physical sciences imparting in-depth knowledge in basic theory while addressing their applications;
- To impart knowledge to students helping them grow in positive direction and identifying slow learners;
- Academic programmes are designed to help prepare students for research facilities; and

- To work on innovative ideas and flourish the research activities of international repute.

### Infrastructural Facilities

- The Department is running M.Sc. and M.Phil. course in two class rooms, 2 lab rooms, 1 smart class room, 1 computational lab and 6 teachers and 01 Laboratory Assistant' room in the Administration Building along with Head's room and department office.
- Computers have been provided to all the teachers with internet facility.
- Two (02) LCD projector, Interactive Board and Laptop are available for students' classes.
- Xerox Machine along with required peripherals is also available in the Department.
- Eighteen computers have been installed for computational lab.

### Vision

The vision of the Department is to expand its course module and research programs in the near future. It aims at setting up Centers of Excellence in Nanoscience & Nanotechnology, Biophysics, Nuclear Science, Materials Science and

Optoelectronics to promote the research, documentation, extension, and consultancy services. Quality Research and facilitating learning to students. To work in a multidisciplinary environment and to show enthusiasm for teamwork and to perform original research and development activities and to convert the findings from these activities to scientific publication, patent and technology. Being aware of social, environmental and global impacts of Physics on materials, devices and human beings; innovations to be incorporated with ethical responsibilities.

### Academic Profile (Teaching & Research)

Department has two Associate Professor and three Assistant Professors at present. Faculty Members are drawn from the disciplines of nuclear physics, Nano material sciences, molecular modelling and applied optics thus enriching the inter-disciplinary applied physics curriculum and research.

### Department Level Academic Activities

- Harmony week during November 2013.
- Hindi Pakhwara celebration and essay event on this event.

### Special Lectures Delivered by

- Dr. Y.K. Mishra, Assistant Professor, University of Kiel, Germany

### Profile of Faculty Members

Name	Designation	Qualification	Experience	Specialization
Dr. Devesh Kumar	Head & Associate Professor	Ph.D.	Teaching - 05years Research - 12 yrs	Theoretical modelling using ab initio method
Dr. B.C. Yadav	Associate Professor	Ph.D.	Teaching - 19 years Research - 12 yrs	a) Material Science b) Thin/thick film Sensors c) Nanoscience & Nanotechnology
Dr. Ramesh Chandra	Assistant Professor	Ph.D.	Teaching - 04 years Research - 07 yrs	a) Nuclear Structure b) Neutrino Physics c) Astroparticle physics
Dr. Anil Kumar Yadav	Assistant Professor	Ph.D.	Teaching-more than 04 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	P.hD.	Resarch- 08 year	a) Material Science b) Applied optic

- 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 Patiala.

### Seminar/Workshop

- International Symposium on Advances in Materials Characterization (ISAMC-2014), July 14, 2014.
- Debate on C.V. Raman's Birthday on 7<sup>th</sup> November 2014.
- Department organizes an Interactive Session based seminar on weekly basis where every student is required to present on the topic related to curricula.
- Department organized a Debate n national Science Day on 28<sup>th</sup> February.

### Seminar, Lectures and others activities:

### Research Projects/Consultancy:

Title	Duration	Cost (Lac)	Funding agency
"Preparation and properties of nano sized spinal .... gas sensors" (No. 2013/34/27/BRNS/2693) (PI - B. C. Yadav) (Co-PI Dr. A.K. Yadav)	2013 - 2016	24,74,750	BRNS, DAE
"Synthesis and characterization of thin and thick film .... nano composites" (No. INT/RUS/RFBP/P-148) (PI - B. C. Yadav)	2013 - 2016	26,84,500	DST (Indo-Russian)
"Molecular property diagnostic suite .... Chemoinformatics portal" (No. ) (PI - Devesh Kumar)	2013 - 2014	5,00,000	CSIR-OSDD
"Calculation of reliable nuclear transition matrix elements of neutrinoless double beta decay" (No. SERB/F/5139/2013-14) (PI - Ramesh Chandra)	2013-2016	10,80,000	SERB(DST)

### Membership In Various Government And Other Bodies

#### 1. Dr. Devesh Kumar

- The World Association of Theoretical and Computational Chemists (WATOC)
- Society of Biological Inorganic Chemistry (SBIC)
- Indian Biophysics Society (IBS)

#### 2. Dr. B.C. Yadav

- Indian Science Congress Association (ISCA)
  - Optical Society of India (OSI)
  - Materials Research Society of India (MRSI)
1. Invited Speakers/Session Chaired in National/International Conferences detail (if any)

### Invited Speakers

- 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. 25<sup>th</sup> July -7<sup>th</sup> August 2014.
- “International Conference on Materials Technologies and Exhibitions (ICMTE-2014), Institute of Materials, **Kuala Lumpur**, Malaysia.13-16<sup>th</sup> May, 2014.

### Session Chair

- INTERNATIONAL WORKSHOP: Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation, January 16-17, 2015, BABASAHEB 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.
- 2<sup>nd</sup> 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.

### 3. Dr. A.K. Yadav

- Ultrasonic society of India
- Materials Research society of India

### Abroad visits:

Sl. No.	Address of overseas institute visited	Duration	Sponsoring Agency	Purpose of Visit/ Objective of the work done
1.	Institute of Problems on Chemical Physics Chernogoloka, Moscow Region, <b>Russia</b> .	25 <sup>th</sup> July -7 <sup>th</sup> August 2014	DST and RFBR	Indo-Russian Project
2.	Institute of Materials, Malasia, Kuala Lumpur, <b>Malaysia</b> .	13-16 <sup>th</sup> May, 2014	UGC, BBAU	Delivering Invited Lecture during the International Conference (ICMTE-2014)

### Presently students working for their Ph.D.: 22

S. No.	Name of Ph.D. Scholars	Date of Joining	Title
a.	Mr. Deep Kumar	26-09-2013	Quantum mechanical study of Semi Conducting Cluster
b.	Mr. Asheesh Kumar	25-09-2013	Quantum Mechanical study of Different Types Of nucleic sensor
c.	Mr. Narendra Kumar	17-8-2015	Comparative Study of electro- optical Properties of Liquid crystal molecules
d.	Ms. Yash Kaur Singh	25-09-2013	Study of Neutrinoless double Beta Decay within PHFB Model
e.	Ms. Ruchi Mishra	25-09-2013	Study of Drug-DNA interaction using Quantum Mechanical Tools
f.	Mr. Surya Pratap Goutam	25-09-2013	Development of Low Dimensional Material for the advance Technology
g.	Mr. Raj kamal Shastri	01-10-2013	Studies on Functional Materials for Advance Applications

a.	Mr. Ratindra Gautam	08-08-2014	Uncertainties in the nuclear transition matrix elements of Neutrinoless Double Beta Decay
b.	Ms. Samiksha Sikarwar	26-09-2013	Synthesis and Characterization of Metal Oxide Nanocomposite Films and their Applications as Opto-electronic Humidity Sensors
c.	Ms. Monika Singh	25-09-2013	Synthesis and Characterization of Nano-sized spinel and arthoferrites and their application as a gas sensor
i.	Mr. Utkarsh Kumar	08-08-2014	Synthesis of Nano-Carbon Structures with Functionalized Metal Oxides and Their Sensing Applications
d.	Mr. Dharmveer Singh	30-09-2013	Quantum Mechanical study of Different Types of Protein Sensor
e.	Mr. Vivek Kumar Nautiyal	06-08-2014	Implication of Neutrinoless double Beta Decay
f.	Priyanka Chuadhary	07 -9-2016	-----
g.	Abhisikta Bhaduri	08-9-2016	-----
h.	Pawan Singh	07-9-2016	-----
i.	Anwesh Pandey	07-9-2016	-----
j.	Kuldeep Kumar	07-9-2016	-----
k.	Asish Kumar	07-09-2016	-----
s.	Rolly Yadav	07-09-2016	-----
t.	Deeptarka Roy	07-09-2016	-----
u.	Krishan Pal	07-09-2016	-----

### Dr. Devesh Kumar

Associate Professor & Head

Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow



#### Details of Faculty - Highest Qualification

Name of the Highest Degree	Ph.D. (Physics)
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#### Details of Faculty - Work Experience

Academic Experience (in years)	13
Industry Experience (in years)	

#### Details of Faculty - Research and Publications (already published - in lifetime)

Published Research Papers (in numbers)	80
Published Books with ISBN (in numbers)	02
Published Books/ Research papers listed in International Databases (Scopus or Web of Science)	78 (WoS)

#### Details of Faculty - Research and Publications (already obtained - in lifetime)

patents/copyrights to your credit(in numbers)	
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#### Details of Faculty - Consultation (include only those providing consultation in the academic year 2014-15)

consultation to any well-known International Institution / Institutes of national importance / National Research Labs	
providing consultation to other institutions / Industry	

Ongoing Research Projects	Number of Projects	Total grant received (in INR lakhs)								
		INR								
University awarded projects		INR						.		lakhs
Other agencies projects - National	4	INR			1	1	5	.	33	lakhs
Other agencies projects - International		INR						.		lakhs
Projects sponsored by the industry / corporate houses		INR						.		lakhs

### Dr. Bal Chandra Yadav

Associate Professor, Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow



Solid state Physics, Materials Science and Nanomaterials, Sensors

Verified email at bbau.ac.in - Homepage

My profile is public

**Citation indices** All Since 2010

Citations 892 771

h-index 18 17

i10-index 30 30

### Dr. Ramesh Chandra

- Award & Recognition: Nil
- Book(s)/Book Chapter(s) Authored/Edited Book/Monograph(s) (if any): Nil
- Details of the Project Sanctioned/Executed (during 01.04.2014 to 31.03.2015):

Project Title: Calculation of reliable nuclear transition matrix elements of neutrinoless double beta decay

Funding agency: SERB (DST)

Cost: Rs. 10,80,000.00

- Research Publications(s):
  - National conference/Journal/Paper Presentation (if any)  
"Study of Majoron accompanied neutrinoless double beta decay", Proceedings of the DAE Symp. on Nucl. Phys. 59 (2014)
  - International Conferences/Journal/Paper Presentation (if any): Nil
- Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any)  
Participated in Refresher Course in Physics held at Academic Staff College, University of Lucknow, Lucknow during February 02 - 23, 2015.

- Invited Speakers/Session Chaired in National/International Conferences detail (if any): Nil
- Research Guidance (if any): Nil
- Membership/ Fellowship of Professional/Academic Bodies (if any): Nil
- Google Scholar Profile (if available):

**Citation indices** All Since 2010  
Citations 355 308  
h-index 9 9  
i10-index 8 8

### Dr. Anil Kumar Yadav

Assistant Professor

Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow

Details of Faculty - Highest Qualification	
Name of the Highest Degree	D.Phil. (Physics)
Details of Faculty - Work Experience	
Academic Experience (in years)	More than 5 years
Industry Experience (in years)	nil
Details of Faculty - Research and Publications (already published - in lifetime)	
Published Research Papers (in numbers)	9

Published Books with ISBN (in numbers)	nil
Published Books/ Research papers listed in International Databases ( <b>Scopus or Web of Science /google scholar</b> )	3
<b>Details of Faculty – Research and Publications (already obtained – in lifetime)</b>	
patents/copyrights to your credit(in numbers)	
<b>Details of Faculty – Consultation(include only those providing consultation in the academic year 2014-15)</b>	
consultation to any well-known International Institution / Institutes of national importance / National Research Labs	
providing consultation to other institutions / Industry	

Ongoing Research Projects	Number of Projects	Total grant received (in INR lakhs)						
		INR						
University awarded projects								lakhs
Other agencies projects - National	1	INR			2	2	.	33 lakhs
Other agencies projects - International		INR					.	lakhs
Projects sponsored by the industry / corporate houses		INR					.	lakhs

### Memberships of Academic & Professional Bodies:

1. Member of Board of post graduate studies of the Department of Applied Physics, BBAU Lucknow
2. Member of Departmental Research Committee, Department of Applied Physics, BBAU Lucknow
3. Member of Admission Committee, Department of Applied Physics, BBAU Lucknow

### Administrative Assignments

1. Lab Incharge, M.Sc. I and II Year Lab.
2. Member of IQAC, Department of Applied Physics, BBAU Lucknow
3. Member of Central Placement Cell, BBAU Lucknow

### Mr. Devendra Singh

Assistant Professor

Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow

Research Publications(s)- **DURING 2015-16: 02**

- a. National conference/Journal/Paper Presentation (if any)-
- b. International Conferences/Journal/Paper Presentation (if any)- **01 (Internal Symposium)**

Google Scholar Profile (if available): <https://scholar.google.co.in/citations?user=TP-RTbwAAAAJ&hl=en>

### Dr. Khem B. Thapa

Assistant Professor

Department of Applied Physics

Babasaheb bhimrao Ambedkar university, Lucknow.

1. Award & Recognition- **NIL**
2. Book(s)/Book Chapter(s) Authored/Edited Book/Monograph(s) (if any)- **NIL**
3. Details of the Project Sanctioned/Executed (during 01.04.2014 to 31.03.2015)- **NIL**
4. Research Publications(s)- **DURING 2015-16: 03**
  - a. National conference/Journal/Paper Presentation (if any)- **Nil**
  - b. International Conferences/Journal/Paper Presentation (if any)- **Nil**
5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any)- **01**
6. Invited Speakers/Session Chaired in National/International Conferences detail (if any)- **01**
7. Research Guidance (if any)- **0**
8. Membership/ Fellowship of Professional/Academic Bodies (if any)- **0**
9. Google Scholar Profile : [https://scholar.google.co.in/citations?view\\_op=search\\_authors&mauthor=Khem+B.+Thapa&hl=en&oi=ao](https://scholar.google.co.in/citations?view_op=search_authors&mauthor=Khem+B.+Thapa&hl=en&oi=ao)

## SCHOOL OF LANGUAGES

### DEPARTMENT OF HINDI

#### भाषा एवं साहित्य विद्यापीठ

**परिचय :** भाषा एवं साहित्य विद्यापीठ के अन्तर्गत हिन्दी विभाग संचालित है।

**संकायाध्यक्ष:- प्रो. विपिन सक्सेना**

#### 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 पाठ्यक्रमों में 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 नितान्त नये ढंग से निर्मित किया है। यह पाठ्यक्रम मौजूदा 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 सेमेस्टर (दो वर्ष) है और इसमें 40 छात्रों के अध्ययन की सुविधा है।

**समन्वयक- डॉ. हरिशंकर सिंह**

**सलाहकार- प्रो. रिपुसूदन सिंह**

#### विभागीय शैक्षणिक क्रियाकलाप

1. हिन्दी विभाग परास्नातक (एम.ए.) का प्रथम सत्र 2015 प्रारम्भ:-
2. विभाग में 25 छात्रों ने अध्ययन हेतु आवेदन किया जिसमें से 14 छात्र काउन्सिलिंग में आए और शुल्क जमा किया परन्तु दो छात्र अध्ययन हेतु नहीं आ सके।
3. विभाग में स्ववित्त पोषित पाठ्यक्रम के अन्तर्गत संचालित हिन्दी पत्रकारिता में स्नातकोत्तर डिप्लोमा में अध्ययन हेतु कुल 12 छात्रों ने आवेदन किया जिसमें से 8 छात्रों ने प्रवेश लिया।
4. हिन्दी विभाग ने अपना एक ब्लॉग (hindivibhagbau.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 विष्व स्तर के 50 विद्वान जुड़ चुके हैं और आगे भी जुड़ने का प्रयास कर रहे हैं इससे विश्वविद्यालय के आचार्यों, छात्रों एवं बुद्धिजीवियों को जोड़ने की योजना है। विभिन्न प्रकाशन एवं पत्रिकाओं को भी इससे जोड़ा गया है।

22 अप्रैल 2015 को आज पृथ्वी दिवस के उपलक्ष्य में विश्वविद्यालय के कुलपति प्रो. आर.सी. सोबती के निर्देशन और संरक्षण में पूरे विश्वविद्यालय में 'एक छात्र एक वृक्ष' कार्यक्रम के अन्तर्गत वृक्षारोपण किया गया तथा प्रत्येक छात्र, शिक्षक और कर्मचारी से एक वृक्ष के लालन-पालन और भरण-पोषण की शपथ ली गयी। इस कार्यक्रम की शुरुआत 'नो व्हीकल डे' के रूप में की गयी।

**उक्त कार्यक्रम में हिन्दी विभाग के छात्र/छात्राओं एवं शिक्षकों ने बड़ चढ़कर भाग लिया।**

#### पाठ्यक्रमों की पेशकश/नये पाठ्यक्रम

हिन्दी विभाग में एम.ए. 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 छात्र श्री संतोष कुमार एवं छात्रा सुश्री अनीता का लेख अन्तर्राष्ट्रीय मासिक ई-पत्रिका 'जनकृति' आईएसएसएन 2454-2725 के नवम्बर, 2015 के अंक में प्रकाशित।

दिनांक 16 मई, 2015 को आयोजित 10वें विश्व हिन्दी सम्मेलन, भोपाल में हिन्दी विभाग के समन्वयक, शिक्षक व छात्र/छात्राओं के द्वारा सक्रिय भागीदारी रही।

### 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 04 अतिथि सहायक आचार्यों की नियुक्ति की गयी जिनके कुशल निर्देशन में पाठन कार्य विधिवत चलता रहा है।

### विभाग द्वारा आयोजित संगोष्ठी/गतिविधियाँ

दिनांक 08 अप्रैल 2015 को बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय के हिन्दी विभाग में राहुल सांकृत्यायन का 121वें जन्मदिवस सप्ताह पर एक विचारोत्तेजक गोष्ठी '21वीं सदी में राहुल सांकृत्यायन के विचारों की प्रासंगिकता' का आयोजन किया गया। गोष्ठी के मुख्य वक्ता एवं कार्यक्रम की अध्यक्षता आचार्य राणा प्रताप सिंह, पर्यावरण विज्ञान विभाग, बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय, लखनऊ ने की।

दिनांक 19 मई। आज बाबासाहेब भीमराव अम्बेडकर केन्द्रीय विश्वविद्यालय के हिन्दी विभाग में आचार्य हजारी प्रसाद द्विवेदी के पुण्यतिथि के अवसर पर 'हजारी प्रसाद द्विवेदी के साहित्य का पुनर्पाठ'

विषय पर एक विचार गोष्ठी का आयोजन किया है। गोष्ठी के मुख्य वक्ता के रूप में उपस्थित विद्वान्त हिन्दू पी.जी. कॉलेज, हिन्दी विभाग के उपाचार्य डॉ. ब्रजेश कुमार ने अज्ञेय की रचनाओं पर अपने विचार व्यक्त किए।

### विभाग की भावी योजनाएँ :

- अन्तर्राष्ट्रीय गांधी अध्ययन केन्द्र विकसित कर इसे विस्तार करना
- मल्टीमीडिया लेसनप्लान प्रस्तुत करना
- विभागीय पुस्तकालय को समृद्ध करना
- विभागीय प्रकाशन का विस्तार
- शोध पत्रिका 'मृच्छकटिकम्' का नियमित प्रकाशन
- 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 का अन्तरराष्ट्रीय संगोष्ठियों का आयोजन
- अन्तरराष्ट्रीय स्तर तथा अहिन्दी भाषी क्षेत्रों में हिन्दी के प्रचार-प्रसार एवं सौहार्द हेतु तुलनात्मक अध्ययन षोध एवं संगोष्ठियों के द्वारा सेतु निर्मित करना
- प्रत्येक दो वर्ष में पाठ्यक्रम नवीनीकरण

समन्वयक  
हिन्दी विभाग

## 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 centres are established under School of Education to cater the need of teacher educators and researchers to conduct research and innovations in the field of Education. Again the primary reference point for designing and delivering the programmes are at par with the needs and demands of the Industry. Presently, the Centre for Professional Development of Teacher Educators and Teacher Education Curricula(CPDTEEC) 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 Uttar 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

**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. R.G. Kothari (Former Vice-Chancellor, Veer Narmad South Gujarat University)

2. Prof. Santosh Panda (Former Chairman NCTE)
3. Prof. C.B. Sharma (Chairman NIOS)

### Accomplishments of Students:

#### Programme:

1. 70 years of Independence: Anurag Singh (B.Ed) & Sravan Kumar (B.Ed): First Prize in Debate (Topic: Ideas for progressive India)
2. Hindi Pakhwara: Sushant Kumar (B.Ed): 3<sup>rd</sup> prize in Poem Recitation, Anurag Singh (B.Ed): Consolation prize in Debate.

### Faculty wise Supervision of the Ph.D.:

#### Dr. Harishankar Singh (Head & Associate Professor)

1. Meena Vishweshwar Rakshe
2. Gopal Singh

### Faculty Profile:

Name	Designation	Qualification	Specialization
Dr. Harishankar Singh	Head & Associate Professor	M.A. (History), M.Ed., Ph.D	Teacher Education.
Dr. Victoria Susan Ijjina	Assistant Professor	M.Sc. (Physical Science), M.Ed., Ph.D	Pedagogy of Physical Science, Educational Technology, Educational Psychology, Higher Education.
Dr. Shanu Singh	Assistant Professor	M.A. (English) M.Ed., Ph.D	Pedagogy of English, Educational Technology, Guidance & Counselling.
Dr. Sangeeta Chauhan	Assistant Professor	M.Sc. (Mathematics), M.Ed., Ph.D	Pedagogy of Mathematics.
Dr. Rajesh Ekka	Assistant Professor	M.Sc. (Mathematics), M.A. (Sociology), P.G. Diploma in Guidance & Counselling, M.Ed., Ph.D	Sociology of Education, Psychology, Gender Studies, Tribal Education.

### 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.

### Dr. Harishankar Singh (Head & Associate Professor)

#### Book published

1. Philosophy and sociological perspective of education (2016). R. LaL. Book Depo., Meerut. ISBN - 978-93-85282-87-4
2. Child and adolescent Development (2016). R. LaL. Book Depo., Meerut. ISBN - 978-93-85960-71-0
3. Measurement and Evaluation in Education (2016), R. LaL. Book Depo., Meerut. ISBN - 978-93-85960-71-3

#### Invited lectures: National

1. Paradigm shift in Education. Mahila Mahavidyala (P.G.) College Kanpur.
2. Role of Teachers Education in prevention of Environmental Degradation. K.M.C.U.A.F. University Lucknow.

### International:

1. Dr. Ambedker's Vision and Indian Society: An overview. B.B.A.U. Lucknow.

### Paper Published:

1. Paradigm Shift in Education: Challenges & Opportunities in Contemporary Times. University News. ISBN. 05662257

## GAUTAM BUDDHA CENTRAL LIBRARY

### About the Library

Keeping with the vision and mission of the Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow, the Central Library was established in January 1998 to promote knowledge and application through its effective dissemination of knowledge and information. The Central Library of BBAU has named as Gautam Buddha Central Library after the name of Lord Gautam Buddha. The Library is governed by LAC (Library Advisory Committee). The LAC is apex policy making body which functions under the chairmanship of Vice-Chancellor. The library acts as learning resource centre of the University to supplement education and information needs of the faculty and students. The Library has been played a key role in generation, preservation and communication of knowledge for education and research of the university. It provides information services and facilities to meet the requirement of the teaching, training and research programmes. 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.

Information and Communication Technologies (ICT) have been changed at very fast pace. Development of ICT has great impacted on libraries all over the world. The Central Library has been adapting new technologies strategically for providing web based information services to the library users. The Library is member of 'E-ShodhSindhu' National Consortium for Higher Education Electronic Resources of INFLIBNET (Information and Library Network), Gandhinagar

#### i. Location

The Library has been functioning in its two floor of newly constructed four stored building which is the central place of the University. The new Library building consists of an area of 7917 sq.m. including the basement.

#### ii. Opening Hours

The Library remains open on each working day from 8:00 AM. to 8:00 PM for its readers. However, on Saturday, it opens from 9:30 A.M. to 6:00 P.M. The reading rooms of the Library open from 8:00 AM to 10:00 PM.

#### iii. Online E-resources

The library provides access of 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 9442 full-text e-journals has been provided to the users. The breaks up details of the e-resources are given below:

#### Bibliographic Database

S. No	Name of Bibliographic Database
1	Institute for Studies in Industrial Development (ISID) Database
2	JGate Plus (JCCC)

#### 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		<b>9442</b>

#### iv. Sections of the Library

a. **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 has acquired 4020 volumes for the Library and 3342 for Departmental Libraries during this period. 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.

- b. Technical Section:** After acquisition of the documents, the technical processing work i.e. classification and cataloguing for easy retrieval of the documents is done by technical section. The classification of documents is carried out by using DDC 23<sup>rd</sup> edition.
- c. 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 2487 members of the library. The details of membership are given below:

S. No.	Type of Membership	Male	Female	Total
1	U.G. Students	360	138	498
2	P.G. Students	1051	679	1730
3	Ph.D. Students	66	35	101
4	Faculty	100	2	102
5	Non-Teaching	28	2	30
6	Guest Faculty	18	8	26
Grand Total		1623	864	2487

- d. Periodical section:** In the section, new periodical publications, newspapers, and magazines added have added. The section subscribed 84 journals, 53 magazines and 24 news papers for the year. The section has a seating capacity of the 50 students at a time where they have offline access to various reports, faculty publication, magazines, and newspapers, etc.
- e. Cyber Section:** The strength of the section is 50 computers, but presently, a total of 25 computers with the facility of access to the internet are functioning. The Library has Wi-Fi enabled access to the Internet where the users access the e-resources. The students are allowed to use their Laptops and Tablets here. During the period, 21696 students visited in the section.
- f. Thesis Section:** A separate theses section started to organise the thesis collection of the University. In this section, the scholars can use the theses on the recommendation of their respective supervisor. A total of 158

Ph.D. theses are available in this section of various departments of the University.

## v. Library Services

Library provides following services to its user community:

- a. Reprography or Xeroxing:** The Library provides Xerox facilities in the library premises at a nominal cost of Rs.0.50/ page.
- b. Circulation:** The issue and return of the documents service is provided to the users from the circulation counter of the Library.
- c. Document Delivery Service (DDS):** Library provided hard/soft copy of articles which is requested by the users under DDS.
- d. Hindi Prakosth:** The Library also extended its services in the form of 'Hindi Prakosth' by which use of Hindi collection of books encouraged.
- e. Email Alert:** The Library is used an email i.e. [centrallibrary.bbau@gmail.com](mailto:centrallibrary.bbau@gmail.com) to provide alert services such as article and reservation, etc. to the users.
- f. 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.
- g. 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.
- h. Research Floor:** This service started for the research scholars and the faculty members of the University. However, on the demand of the outside visitor and scholar may also be allowed. Presently, this section has seating capacity for 30 scholars and faculty. The section opens upto 11:00 PM on all working days.
- i. 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.
- j. New Arrival:** Library opened new arrival facility for display of the new acquired documents.

k. **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.

l. **Plagiarism checking:** The Library is 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 period.

vi. **Library Automation:** The Library partially automated by using an Open Source Software namely Koha. Automation work in several sections such as circulation, technical section have started with the help of KOHA. More than 35,000 Books entries have migrated to this software. Now, from anywhere users can access Library catalog through the WebOPAC from the web address <http://14.139.228.238/>. The Library has been working on fully automation of the library in-house activities.

### vii. Library Statistics:

#### a. Acquisition Section:

S. No.	Items	Total
1	Total Number of Books as on 31/03/2016	46439
2	Books Purchased during the year 2015-16	4020
3	Books Purchased for Department Libraries	3342
4	Expenditure on Books During the year 2015-16	Rs. 14584744.00

#### b. Periodical Section:

##### i. 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

##### ii. Print and e-Journals

S. No.	Items	National	International	Total
1	Print Journals	68	16	84
2	e-Journals	9442		9442

##### iii. Others

S. No.	Items	Total
1	Number of Visitors	6057
2	Number of Gifted Periodicals	36

#### c. Circulation Section

S. No.	Items	Total
1	Book issued during the year 2015-16	19757
2	Users consulted the Library	68341
3	Overdue Charges collected	Rs. 33571.00
4	Total Membership as on 31/03/2016	2487

#### viii. Library Staff

1. Dr. Sunil Gorla, Librarian, (B.Sc. MLISc., PGDCPA, Ph.D. in Library and Information Science).
2. Mr. Om Prakash Saini, Assistant Librarian, (M.A., MLISc., M. Phil. (Library and Information Science), UGC-NET and JRF).
3. Mr. Nitesh Kumar Verma, Assistant Librarian, (MLISc., UGC-NET).
4. Mr. Nilesh Kumar, Professional Assistant, (B.Sc. (Math), (MLISc., UGC-NET).
5. Mrs. Rina Kumari, Library Assistant, (M.A., M.Lib. & Inf. Sc.)
6. Mrs. Avinash Kaur, Library Assistant, (MLISc)
7. Mrs. Satvinder Kaur, Library Attendant, (MLISc.).

#### ix. Publications

##### a. Articles Published in Journals:

- i. **Goria, Sunil** (2015). Development of Personal Digital Library for Faculties and Scientists of Indian National Agricultural Research System (INARS): A Practical approach. *Journal of Information Management*. 2(1), 57-65. ISSN 2348-1765.

ii. **Goria, Sunil**, Bihani, S.K., & Joshi, Yougal (2015). Developing an Open Access Digital Repository (OADR) of Official and Government Publications of India (OGPI) as a knowledge platform for Indian citizens. *International Journal of Digital Information and Knowledge Management*, 3(1), 1-14 ISSN 2320-5059.

iii. **Goria, Sunil** & Nain, A.S. (2015). Research trends at G.B. Pant University of Agriculture & Technology, Pantnagar during 1972 to 2010: An analytical study. *International Journal of Basic and Applied Agricultural Research* 13(1). ISSN 0972-8813

iv. **Saini, O. P.** & Amit Kumar. (2015). Digital library: A conceptual framework. *Library Progress (International)*. Vol. 35 (2). 133-138pp. ISSN(P): 0970-1052.

#### **b. Book/Edited Book Published**

i. Vajpai, Manish Kumar, **O. P. Saini** & Sharad Sonker. (2016). *Library Services in Digital Environment: An Innovative Approach*. New Delhi: Consortium Books. 183p. ISBN: 978-81-923060-4-9.

#### **c. Book Chapters Published**

i. **Saini, O. P.** (2015). Planning for Emergency and Disaster Management in Libraries. In *Library Services in Digital Environment: An Innovative Approach*. New Delhi: Consortium Books. 1-8p. 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. 1-8p. 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. 9-15p. ISBN: 978-93-83342-22-8.

iv. **Saini, O. P.** (2015). Institutional Repository in Academic Environment. *Information Technology Applications in Libraries'*. Edited by Sharad Kumar Sonker. New Delhi: Shree Publications. 51-58pp. ISBN: 978-81-8329-765-3.

#### **d. Articles Published in Conference Proceedings:**

i. **Saini, O. P.** & Jasbir Singh. (2015). Use of Instant Messaging Service for Libraries. *Proceeding of National Seminar on Role of Libraries to Educate Down Trodden Society in present day Scenario*. 354 -359pp. ISBN: 978-81-925879-8-1.

ii. **Saini, O. P.** & Jasbir Singh. (2015). A Discussion on Face-book practices in Libraries. *Proceeding of Re-Defining the strategic Role of libraries in Indian Culture and Modern Society*. 39 -43pp. ISBN: 978-93-80668-11-6.

#### **e. Papers presented at International Conference:**

i. **Goria, Sunil** & Bihani, Sanjay K (2015). Web-based Information Literacy Campaign for Transforming Agricultural Research and Technology to Indian Farmers: A Model. *Information Technology Section: IFLA World Library and Information Congress, 81th IFLA General Conference and Assembly, 15-21 August 2015, Cape Town, South Africa*.

## **RESIDENTIAL COACHING ACADEMY**

### **About the School/ Academy**

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 belonging to SC/ST's/ Minorities and Women with Residential facilities, during their coaching period. The competitive exams include Union Public Service Commission, RRB, SSC and Banking exams.

The Candidates are selected based on National Level Entrance Test followed by a personal interview. RCA is having separate building with a state-of-the-art facilities and exclusive library and computer lab. It is going to have an exclusive infrastructure with audio visual class rooms, seminar hall, centralized computer facilities, library. The coaching classes are conducted by highly qualified professionals in the field of competitive exams. It is also having a separate hostel for Boys with a capacity of 100 beds. The hostel building for girls is yet to be sanctioned by UGC. Till then girls are provided

with transit a accommodation within the University campus.

University Grants Commission sanctioned only 5 Residential Coaching Academy (RCA) in the country in the year 2009, BBAU, Lucknow is one among them. BBAU is the first among all five Universities to complete construction of building for Residential Coaching Academy (RCA) and same has been dedicated to the students.

### Evolution of the Academy (one page write up)

- Soon after the UGC sanctioned the project, University initiated the coaching programme with its first batch of 95 civil service aspirants on March 2010 for a period of 3 months. Students were enrolled through a National Level Entrance Examination Test.
- Since then coaching is going on regularly for different programmes.

### Programmer's Departments, New initiatives, if any:-

In the year 2012-2013 we introduced SSC, RRB and Banking coaching classes in addition to the regular civil services coaching program.

### Summary table (School-wise Departments)

Sl. No.	Coaching Programs	No. of Student Enrolled					
		Mar-May 2010	Feb-May 2011	Aug-Nov 2012	Feb-May 2012	Oct.' 12- Mar.' 13	2013-14
1.	Union Public Service Commission/UPPSC (Prelims)	95	73	-	43	69	34
2.	Union Public Service Commission/UPPSC (Mains)	-	-	19	-	-	-
3.	Uttar Pradesh Public Service Commission (Judicial)	-	-	09	-	-	-
4.	Banking, SSC & RRB	-	-	-	-	36	51
<b>Total</b>		<b>95</b>	<b>73</b>	<b>28</b>	<b>43</b>	<b>105</b>	<b>85</b>
<b>Grand Total</b>						<b>429</b>	

### About the Departments

The Academy offers coaching classes to the aspirants of various competitive exams belonging to SC/ST's / Minorities and Women with residential facilities during their coaching period.

### Brief introduction of the Departments

The candidates are selected based on national Level Entrance Test. RCA is having

separate building with a state-of-the-art facilities and exclusive library and computer laboratory. It is going to have an exclusive infrastructure with audio-visual classrooms, seminar hall, centralized computer facilities, library with good study material etc. The coaching classes are conducted by highly qualified professionals in the field of competitive exams.

Evolution, Objective of the Department, infrastructural facilities in the department and vision etc.

BBAU is the first among all five Universities to complete construction and have functional buildings for RCA, main/ administrative building and Boys' Hostel. Furnishing of these buildings is under process and its at various stages. Procurement of books for the exclusive library and computers for computer lab is in the final stage. The motto is to provide quality coaching program to the aspirants belonging to SC/ST's / Minorities and Women category. So far, 429 candidates took coaching for various programs and 12 candidates have cleared various competitive examinations.

- 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 drop out rate.

- To provide career guidance and psychological counselling for capacity building to those who are in need of such counselling.

### A. Faculty Details.

Sl. No.	Name	Designation	Qualification	Area of specialization
1.	Prof. Ram Chandra	Director (I/C)	M.Sc. (Botany with Microbiology.), Ph. D. (Environmental Science (Environmental Microbiology) ITRC, Lko	Environmental Microbiology ( <b>Bioremediation &amp; Metagenomics</b> ), Environmental Toxicology
2.	Dr. Yuvana Satya Priya	Assistant Professor	Ph. D. (Biology)	Animal Behavior/Biodiversity & Conservation Biology
3.	Dr. A. Mahadeva	Assistant Professor	Ph. D. (Sericulture)	Plant Molecular Biology

### Significant Contribution in Research and Development:

He has made leading contribution in area of bioremediation and biodegradation of distillery & pulp paper mill waste by publishing more than **100 original research papers, book chapters, technical reports and popular articles**. Based upon his research work he has submitted more than **250 isolated bacterial nucleotides sequences** to NCBI Gene Bank. He also trained scientist/researchers from foreign countries under the DAAD, CSIR- TWAS, CSIR-TWNSO programs. Due to his interesting work related to society has been cited in several news papers time to time. Further, he has been also awarded for the writing of scientific articles in Hindi to create environmental awareness to among the society. Moreover, he has been granted an Indian patent on **"A process for biological decolourisation of sugarcane molasses based anaerobically treated distillery effluent"**. Besides, he has also written and edited a book on **"Distillery Wastewater Pollution and Bioremediation"** and **"Advances in Biodegradation and Bioremediation of Industrial Waste"** from CBS Publisher, New Delhi and CRC Press, USA, respectively. Further, due to his significant research contribution in area of environmental problem has been honored as **Fellow of Academy of Environmental Biology (FAEB)**. Furthermore, based upon his scientific contributions in area of Microbiology and Biotechnology he has been honored as **Fellow of Association of Microbiologists of India (FAMI)**

and **Fellow of The Biotech Research Society, India (FBRSI)**.

Based upon his research work he has submitted more than **250 isolated bacterial nucleotides sequences** to NCBI Gene Bank. He also trained scientist/researchers from foreign countries under the DAAD, CSIR- TWAS, CSIR-

TWNSO programs. Due to his interesting work related to society has been cited in several news papers time to time. Further, he has been also awarded for the writing of scientific articles in Hindi to create environmental awareness to among the society. Moreover, he has been granted an Indian patent on **"A process for biological decolourisation of sugarcane molasses based anaerobically treated distillery effluent"**. Besides, he has also written and edited a book on **"Distillery Wastewater Pollution and Bioremediation"** and **"Advances in Biodegradation and Bioremediation of Industrial Waste"** from CBS Publisher, New Delhi and CRC Press, USA, respectively. Further, due to his significant research contribution in area of environmental problem has been honored as **Fellow of Academy of Environmental Biology (FAEB)**. Furthermore, based upon his scientific contributions in area of Microbiology and Biotechnology he has been honored as **Fellow of Association of Microbiologists of India (FAMI)** and **Fellow of The Biotech Research Society, India (FBRSI)**.

### Honors/Awards Received:

1. **Merit Certificate** for Best Research Contribution By **BBAU, Lucknow (2014)**
2. **Fellow**, Association of Microbiologists of India (**AMI**) (**2013**)
3. **Fellow**, The Biotech Research Society of India (**BRSI**), (**2013**)

4. **Fellow**, The Academy of Environmental Biology (AEB), Lucknow (2008)
5. **Merit for leadership development programme** awarded by CSIR, Gov. of India (2008)
6. **Strategic R&D Management in CSIR** awarded by CSIR, Gov. of India (2008)
7. Member of **Academy Advisory Board** in Life Sciences, **The Energy and Resources Institute (TERI)**, New Delhi (2009)
8. 1st prize in Scientific article writing in Hindi, Published in **Vish Vigyan Sandesh of ITRC**, Lucknow.
9. 2nd prize in Scientific article writing in Hindi, Published in **Vish Vigyan Sandesh of ITRC**, Lucknow.

#### Professional Affiliations:

1. Elected as Member of Board of Governors of **The Biotech Research Society**, India (2015-17)
2. Executive member Central Council of **Association of Microbiologists of India (AMI)**, India
3. Member of **American Society for Microbiology (ASM)**, USA
4. Life member of **Society of Toxicology**, India
5. Life member of **Academy of Environmental Biology**, India
6. Life member of **Association microbiologist of India (AMI)**, India
7. Life member of **Indian Science Congress Association**, India
8. **The Association for Overseas Technical Scholarship (AOTS)**, Japan
9. **Indian Network for Soil Contamination Research (INSCR)**, New Delhi
10. The board of Directors Governing board of Editors and Publications board of the American Biographical Institute

#### Member of Various Committees as Subject Expert and Approved Guide for Ph.D.

#### Degree in Universities:

1. Expert panel member of subject expert in Veer Bhadur Singh Purvanchal University, Jaunpur, U.P., India

2. Expert member UP Higher Educational Board for Sanction of National and

#### International Conference

3. Member of Advisory (Expert) Committee for Young Scientist Scheme CST, U.P

#### Supervised M.Sc./ M.Phil./ Ph.D. Students:

- (a) **Ph.D.** : 14
- (b) **M.Phil.** : 02
- (b) **M.Sc.** : 91

#### Number of Publications/Patents and Research Projects Completed:

- (i) Research Papers and Technical Reports: **101**
- (ii) Books (Authored/Edited) : **04**
- (iii) Book Chapters : **22**
- (iv) General Articles : **20**
- (v) Conference Paper Presented : **70**
- (vi) Grant in Aid project : **22**
- (vii) Popular Hindi Articles : **14**
- (viii) Patent Granted : **01**
- (ix) Patent Filed : **03**

#### A. Faculty detail (Name, Designation, Contact, Qualification, Specialization, etc.)

1. **Name** : Dr. Yuvana SatyaPriya  
**Designation** : Assistant Professor  
**Contact** : 9451906697/  
8604605399  
**Qualification** : Ph. D. (Biology)  
**Specialization** : Animal Behavior
2. **Name** : Dr. A. Mahadeva  
**Designation** : Assistant Professor  
**Contact** : 8960730795  
**Qualification** : M.Sc (Seric), M.Sc (Biotech). Ph.D.  
**Specialization** : Plant Molecular Biology

Other information, if any

1. Karnataka State Eligibility test (K-SET) - 2014. Life Science.
2. Second Prize -Carom board (Singles) BBAU's Annual Sports Meet- 2014 held during. 12-13 March 2014.

**B. Academic details/activities of the faculty of your department under the following heads:**

1. Award & Recognition (if any)
2. Book (s)/ Book Chapter (s) Authorized/ Edited Book/ Monograph (s) if any

**Book Published:**

**A. Dr. Yuvana Satya Priya**

1. Elangovan, V., **YuvanaSatyaPriya**, E and Marimuthu, G. The Short-nosed fruit bat: Development and Foraging Behaviour. LAMBERT Academic Publishing AG & Co., Saarbrücken, Germany. ISBN 978-3-8383-7185-6.

**Book Chapters under Review:**

1. Elangovan, V. and **YuvanaSatyaPriya**. Postnatal development, wing morphology and flight development of the short-nosed fruit bat, *Cynopterus sphinx*. In: Biology, Behaviour and Conservation of Bats. Nova Science Publishers, Inc. Hauppauge, NY.

**B. Dr. A. Mahadeva**

1. Changes in silkworm midgut transport activity *Bacillus* infection (2014). LAMBERT Academic Publishing AG & Co., Saarbrücken, Germany. (ISBN : 978-3-659-60795-0)

Molecular Markers submitted to NCBI database

Mulberry (*Morusindica* L.) Microsatellite markers published in NCBI database: 15 SSR markers.

**Lists of latest Important Publications**

1. Environmental pollution, toxicity profile and treatment approaches for tannery wastewater and its chemical pollutants.

G. Saxena, R. Chandra, R.N. Bharagava. Reviews of Environmental Contamination and Toxicology DOI 10.1007/398\_2015\_5009

2. First Detection of OXA-10 Extended-Spectrum Beta-Lactamases and the Occurrence of mexR and nfxB in Clinical Isolates of *Pseudomonas aeruginosa* from Nigeria.

B T Odumosu, BA Adeniyi, R. Chandra. Chemotherapy 61(2):87-92. 2015.

3. Syntrophic co-culture of *Bacillus subtilis* and *Klebsiella pneumoniae* (GU 193981) for decolorization of kraft lignin discharge from rayon grade pulp industry.

S. Yadav, R. Chandra. J. Environmental Science 33:229-238. 2015.

4. Properties of Bacterial Laccases and Their Application for Bioremediation of Industrial Wastes.

R. Chandra, P Chowdhary. Environmental Science: Processes & Impacts. 17:326-342. 2014.

5. Antibiotic and heavy metal resistance properties of bacteria isolated from the aeration lagoons of common effluent treatment plant (CETP) of tannery industries (Unnao, India)

R.N. Bharagava, S. Yadav, R. Chandra. Indian J Biotechnology 13: 514-519. 2014

3. Details of the project Sanctioned/Executed (during 01.04.2014 to 31.03.2015)

4. Research Publications (s)

A. Research Articles : Dr. YuvanaSatyaPriya

1. Roost selection and roosting ecology of fulvous fruit bat, *Rousettusleschenaulti* (Pteropodidae) VirendraMathur, Vadamalai

Elangovan, Mukesh Kumar and **Yuvana Satya Priya** International Journal of Advanced Biological Research 5 (1), 62-68. 2015

2. Studies on Biochemical Changes of Fungal Infected Mulberry Leaves and their Effect on Growth and Cocoon Characteristics of the Silkworm (*Bombyx mori*) (Lepidoptera: Bombycidae). 2014 H Kumar, **Yuvana Satya Priya**, M Kumar, V Elangovan Entomologia Generalis 35 (1), 1-10. 2014

3. Foraging Ecology and Behaviour of Bats V. Elangovan, V. Mathur, M. Kumar, H. Kumar, **YuvanaSatyaPriya** Advances in Life Sciences 3 (1), 36-40. 2014

4. Scanning electron microscopy study of guard hair of three Indian pteropodid bats M Kumar, **YuvanaSatyaPriya**, V Mathur, H Kumar, V Elangovan. Mammalia. Volume 78, Issue 4, Pages 533-537, ISSN (Online) 1864-1547, ISSN (Print) 0025-1461, DOI: 10.1515/mammalia-2013-0103, February 2014

## B. Research Articles :Dr. A. Mahadeva

1. **Mahadeva A** and Shree MP (2015) Evaluation of macro and micro nutritive elemental levels in the mealy-bug (*Maconellicoccushirsutus*)- infested leaves of mulberry (*Morus* sp.). *Journal of Plant Nutrition*, 38: 96–107. (ISSN: 0190-4167 / 1532-4087; DOI: 10.1080/01904167.2014.920381)
2. **Mahadeva A** and Shree MP (2014) Post infestational changes in the nutritive elements of thrips (*Pseudodendrothrips mori*) attacked mulberry (*Morus* sp.) foliage. *International Journal of Bioassays*. 3(7): 3171-3175. (ISSN: 2278-778X)

## 5. Participation in Orientation/Refresher Course/Workshop/Seminar/

Conferences (if any)

### Training programs Dr. A. Mahadeva

1. Workshop on “*Basic Modern Biology and Recombinant DNA Techniques*”. UGC-Networking Resource Centre Workshop in Biological Sciences, Indian Institute of Sciences, Bangalore. 5<sup>th</sup> to 31<sup>st</sup> May 2014 (27 Days).
6. Invited Speaker/Session Chaired in National/International Conferences detail (if any)
7. Research Guidance (if any)
8. Membership/Fellowship of Professional/Academic Bodies (if any)

## A. Memberships

### Dr. Yuvana Satya Priya

1. Chiroptera Conservation and Information Network of South Asia (CCINSA)
2. Ethological Society of India
3. Society for plant Biotechnology and Biochemistry, India

### Dr. A. Mahadeva

1. Indian Society Congress Association, Kolkata
2. Indian Society of all Biology, Varanasi, India.
9. Google Scholar Profile (if available)

## Dr. A. Mahadeva (amdeva2007@gmail.com)

### C.2. Research Publication by Dr. Yuvana Satya Priya

1. Effect of different mulberry varieties and seasons on the growth and economic traits of bivoltine silkworm (*Bombyx mori*). *Journal of Entomology* 10(3): 147-155. 2013.
2. Scanning electron microscopy study of guard hair of three Indian pteropodid bats. *Mammalia* 78(4).2014.

### C.3. Research Publication by Dr. A. Mahadeva

1. Development and characterization of microsatellite markers for *Morus* spp. and assessment of their transferability to other closely related species. *BMC Plant Biology*. 13:194. doi:10.1186/1471-2229-13-194 (Impact Factor 4.35)
2. In vitro screening and identification of putative sun flower (*Helianthus annuus* L.) transformants expressing ENAC1 gene by salt stress method. *Trends in Biosciences*. 6 (1):108-111. (Print ISSN 0974-8 Online: ISSN 0976-2485)

## UNIVERSITY CENTRAL PLACEMENT CELL

### General overview of the Central 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 Central 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 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 Central Placement Cell:

Chairman	: Professor (Dr.) R.C. Sobti, Hon'ble Vice Chancellor, BBAU
Convener	: Dr. Sunita Chandra, Registrar, BBAU
Coordinator	: Dr. Mahendra Kumar Padhy, Central Placement Cell, BBAU

Members of the Central Placement Cell:

One nominated faculty member from each department .

**Objectives:** The main objective of the placement cell is to strive to help and guide students 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.

### Activities and Achievements

Sl. No.	Company name	Workshop/ placement meet
1.	Grofers, Locodel Solutions Private Ltd., Gurgaon, 122015	Placement Meet
2.	Semi government organization in 2015	Placement Meet
3.	Samadhan Group,	Industry Interface Workshop

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.

## CENTRE FOR REMEDIAL COACHING PROGRAMME (RCP)

### Remedial Coaching Programme

(RCP) sponsored by the University Grants Commission, New Delhi and Babasaheb Bhimrao Ambedkar University organizes regular remedial coaching classes for the benefit of underprivileged students. The programme was started and inaugurated by Hon'ble Ex. Vice-Chancellor, Prof. G. Nancharaiah on Feb 4<sup>th</sup> 2002.

### Evolution of the Centre

- Soon after the UGC sanctioned the project, University initiated the coaching programme with 55 students which included 40 male and 15 female students. Counselling of the students being organised since 2002.
- During X plan period the coaching programmes were conducted on following areas:
  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 Bhagedhari Bhavan, Lucknow, University of Lucknow, and our University has actively contributed in order to provide maximum benefit to underprivileged students.

- During XI plan period the coaching programmes were conducted on following areas by the centre under merged 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:** To ensure that more and more SC/ST/ Minority and OBC (non-creamy layer) candidates become eligible to apply for teaching posts, the UGC continued 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 XI<sup>th</sup> Plan and same programme is 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.

**Conduct of Special lecture classes:** Centre is also inviting **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:** From 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)

Sl. 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
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	654	232	337
10	2015-16	395	201	252

### 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.
- Upgradation of library facilities for the centre.
- Strengthening of infrastructure for the centre.

### A. Faculty Details

Sl. No.	Name	Designation	Qualification	Area of specialization
1.	Prof. Ram Chandra	Director (I/C)	M.Sc., Ph.D., FAEB, FBRSI, FAMI.	Environmental Science (Environmental Microbiology)
2.	Prof.Sartik Bagh	Co-ordinator	M.A., M.Phil., Ph.D., JNU.	Indian Politics, Political theory, Political Philosophy.

### A. Academic Activities of the Faculty

- Award/ Honours/ Fellowship achieved.
- Book / Edited Books / Monograph (s) with details of title, publisher, place of publication, year etc.
- Articles /paper in journal(s) [only published and accepted articles/Papers].

#### A.2 Research Publication by

##### Prof. Ram Chandra

Number of Publications/Patents and Research Projects Completed:

(i) Research Papers and Technical Reports	: 101
(ii) Books (Authored/Edited)	: 04
(iii) Book Chapters	: 22
(iv) General Articles	: 20
(v) Conference Paper Presented	: 70
(vi) Grant in Aid project	: 22
(vii) Popular Hindi Articles	: 14
(viii) Patent Granted	: 01
(ix) Patent Filed	: 03

#### A.3. Research Publication by Prof. Sartik Bagh

##### (i) Books:

Decentralising Education: Role of community participation and Panchayati Raj(Book), 2005, Gagandeep Publications, New Delhi.

##### (ii) Articles/Papers:

Kalahandi - The land of starvation, 23<sup>rd</sup> April 1993, Mid-Day, New Delhi.

The emergence of Coalition Politics, September, 1997, THIRD Concept, New Delhi.

The emergence of Coalition Politics, August, 1999, Indian Dominion, New Delhi.

Multiculturalism (chapter submitted) to Published as Political Science course material, IGNOU, New Delhi.

Individualism and Communitarianism (chapter submitted) to published as Political science materials, IGNOU, New Delhi.

Education in the era of market economy: Rich Vs. Poor (accepted in Indian Journal of Political science, Pune).

Coalition politics Multiple implications and Consequences.

Affirmative Action in India: Examining issues, Diviner, 2013, Lucknow

Education of Marginalised Groups in India: The Role of Caste, State and Market, Indian Journal of Politics, 2014, Aligarh Muslim University, Aligarh

Market versus Democracy in Post-Liberalisation India, South Indian journal of Socio-Political studies, 2014, Kollam, Kerala

Discrimination and Beyond, Indian Journal of Dalit and Tribal Studies, 2015, BHU, Banaras

### **Ongoing works (at different stage):**

Democratic conception in 20<sup>th</sup> Century, Political Science Study material, IGNOU

School Education in the Era of Globalisation: Vernacular versus English Medium Education

Can we have an alternative model of development in Asia?

### **B. Highlight of Research work (100 words)**

My research work primarily fall in the domain of education, food Security, Indian politics /Coalition politics, Political theory and hosts of other topics relates to Society, Polity and Economy. As a part of my M.Phil and Ph.D Programme. I worked on food security and education respectively and recently guiding students on the topics related to those areas and one major ICSSR project is completed already. My research papers are published on Indian politics, Politics theory. Presently associated with an international project on rural migration and real estate sector; A study of Lucknow construction.

## 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.

### 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

### Constitution of Advisory Committee for Welfare of Scheduled Castes/ Scheduled Tribes

S. No.	Name	Designation
01	Vice Chancellor	Chairman
02	Registrar	Member
03	Prof. R. B. Ram	Member
04	Prof. M. Y. Khan	Member
05	Prof. Vipin Saxena	Member
06	Dr. Sanjay Kumar	Member
07	Dr. Sudarshan Verma	Member
08	Dr. B. B. Malik	Member
09	Shri N. K. S. More	Member
10	Dr. L. C. Mallaiah	Member
11	Dr. M. P. Singh	Member
12	Dr. Devesh Kumar	Member
13	Dr. Shashi Kumar	Member
14	Dr. M. L. Meena	Member
15	Dr. B. N. Dubey	Member
16	Ms. Rajshree	Member
17	Dr. Manoj Kumar	Member
18	Shri Gokaran Prasad	Member
19	Ms. Sneha, Res. Scholar	Member
20	Deputy Registrar (SC/ST Cell)	Convener

### Status of Advisory Committee Meeting for Sc/St held in Bba University, Lucknow During Financial Year 2015-16

S.No.	Details of Meetings	Status
1.	13 <sup>th</sup> Advisory Committee Meeting (Dated 28.05.2015)	ATR completed
2.	14 <sup>th</sup> Advisory Committee Meeting (Dated 12.08.2015)	ATR completed
3.	15 <sup>th</sup> Advisory Committee Meeting (Dated 17.12.2015)	ATR completed
4.	16 <sup>th</sup> Advisory Committee Meeting (Dated 31.03.2016)	ATR completed

### Post-Matric Scholarship And Fee Reimbursement Online Applications Forwarded During 2015-16 To The Social Welfare Office, Lucknow (In Nos.)

S. No.	Category	Total received	Verified	Rejected	Total Forwarded
1	All Category	1424	1408	16	1408
2	General	366	364	02	364
3	SC	696	683	13	683
4	ST	15	15	0	15
5	OBC	273	272	01	272
6	Minority	74	74	0	74

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.

**Total Number of Students as on 30.03.2016 in University Department**

Total Enrolment of Students in University Departments	Under Graduate	Post Graduate	5 years Integrated course	M.Phil / M. Tech	Ph. D	Certificate / Diploma	Total
Number of General Students	268	844	47	132	167	39	1497
Number of SC Students	328	939	20	159	238	33	1717
Number of ST Students	10	45	06	03	35	01	100
Number of OBC Students	109	367	06	53	44	11	590
Number of PH Students	01	16	-	02	02	-	21
<b>Total Strength</b>	<b>716</b>	<b>2211</b>	<b>79</b>	<b>349</b>	<b>486</b>	<b>84</b>	<b>3925</b>

**Category Wise Students Enrolment as on 30.03.2016 in University Department**

W=Women,

T=Total

Course	Total Students Enrolment		General		SC		ST		OBC		PH		Total	
	T	W	T	W	T	W	T	W	T	W	T	W	T	W
UG	716	163	268	62	328	79	10	03	109	19	01	-	716	163
PG	2211	995	844	431	939	375	45	13	367	173	16	03	2211	995
5 years integrated Course	79	28	47	14	20	09	06	04	06	01	-	-	79	28
M.Phil/M.Tech	349	142	132	64	159	54	03	01	53	23	02	-	349	142
Ph.D	486	205	167	84	238	94	35	10	44	17	02	-	486	205
Cert./Dip	84	50	39	28	33	15	01	01	11	06	-	-	84	50
<b>Total</b>	<b>3925</b>	<b>1583</b>	<b>1497</b>	<b>683</b>	<b>1717</b>	<b>626</b>	<b>100</b>	<b>32</b>	<b>590</b>	<b>239</b>	<b>21</b>	<b>03</b>	<b>3925</b>	<b>1583</b>

**Details of Hosteller Students as on 31.03.2016**

S. no.	Deptt.	Intake Capacity	Vacant Room	Gen	SC	ST	OBC	PH	Total	P.G	Ph.D
1	Sanghmitra Girls Hostel	162	9	62	73	5	13	0	153	146	7
2	Yashodhara Girls Hostel	208	8	116	51	3	30	0	200	179	21
3	Kanishka Boys Hostel	132	9	57	54	7	0	5	123	121	2
4	Sidhartha Boy's Hostel	100	16	13	53	8	8	2	84	81	3
5	Ashoka Boys Hostel	136	8	43	71	3	7	3	127	114	13
6	Chitrlekha Girls Hostel	94	0	14	80	0	0	0	94	87	7
	<b>Total</b>	<b>832</b>	<b>50</b>	<b>305</b>	<b>382</b>	<b>26</b>	<b>58</b>	<b>10</b>	<b>781</b>	<b>728</b>	<b>53</b>

## OTHER INFORMATIONS

Present status of enrolment of SC/ST & PWD students in the University against 3925 total enrolment of the students;

- Schedule Caste- 1717 (382 Hosteller student)
- Schedule tribe - 100 (26 Hosteller student)
- PWD- 21 (10 Hosteller Student)

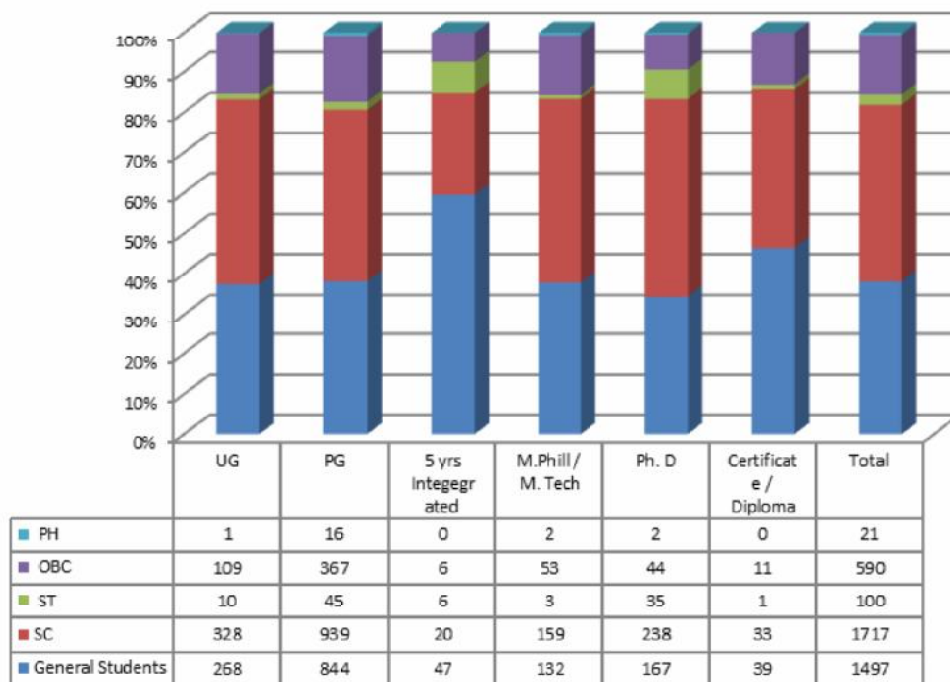
Present status of available hostels for SC/ST student against total number of 6 hostels.

- One 100 bedded Hostel for Boys student
- One 100 bedded Hostel for Girls Student
- All building of the University have the provision of ramps for PWD student.

Statistical representations of the University

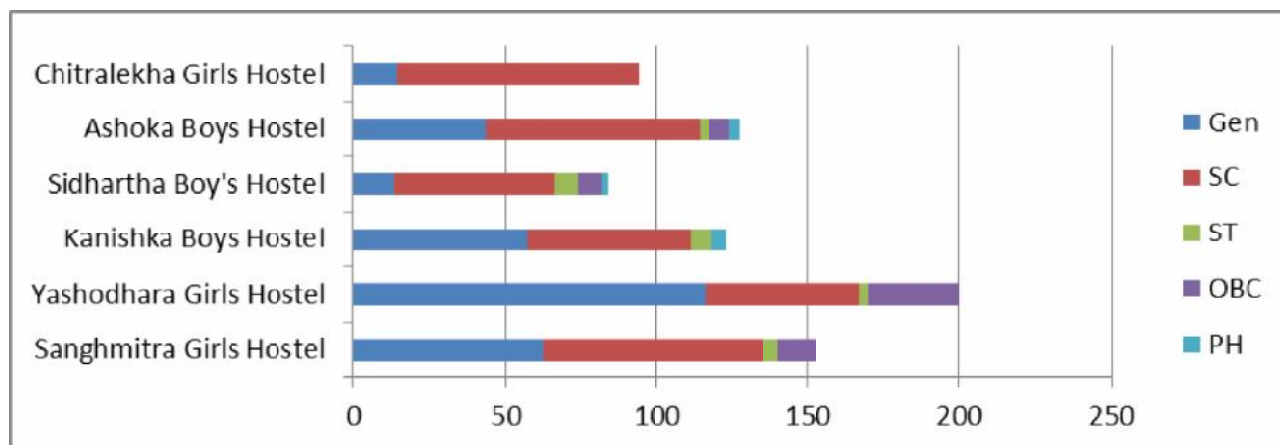
### Student Enrollment

Student Enrollment Coursewise and category wise



S. no.	Deptt.	Intake Capacity	Vacant Room	Gen	SC	ST	OBC	PH	Total	P.G	Ph.D
1	Sanghmitra Girls Hostel	162	9	62	73	5	13	0	153	146	7
2	Yashodhara Girls Hostel	208	8	116	51	3	30	0	200	179	21
3	Kanishka Boys Hostel	132	9	57	54	7	0	5	123	121	2
4	Sidhartha Boy's Hostel	100	16	13	53	8	8	2	84	81	3
5	Ashoka Boys Hostel	136	8	43	71	3	7	3	127	114	13
6	Chitralkha Girls Hostel	94	0	14	80	0	0	0	94	87	7
	<b>Total</b>	<b>832</b>	<b>50</b>	<b>305</b>	<b>382</b>	<b>26</b>	<b>58</b>	<b>10</b>	<b>781</b>	<b>728</b>	<b>53</b>

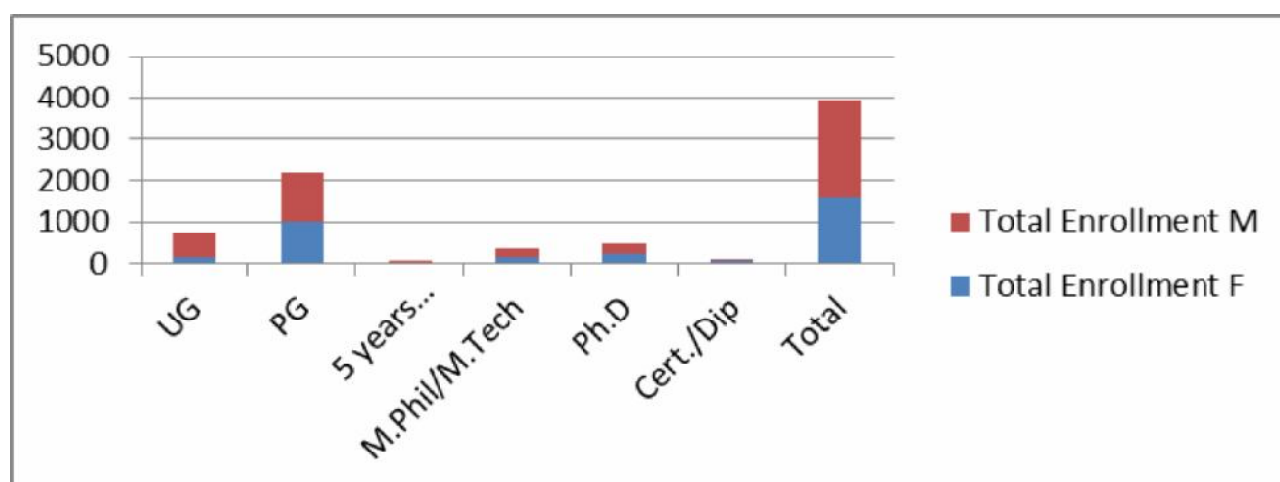
**Details of Hostellers**

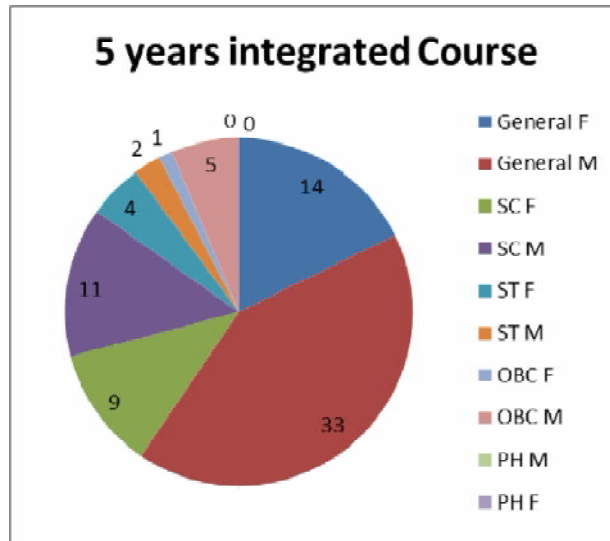
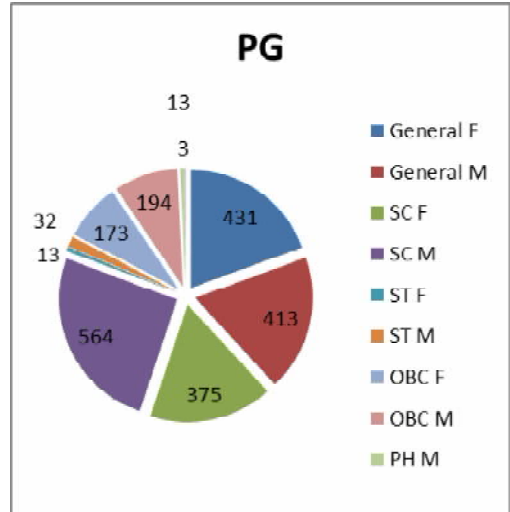
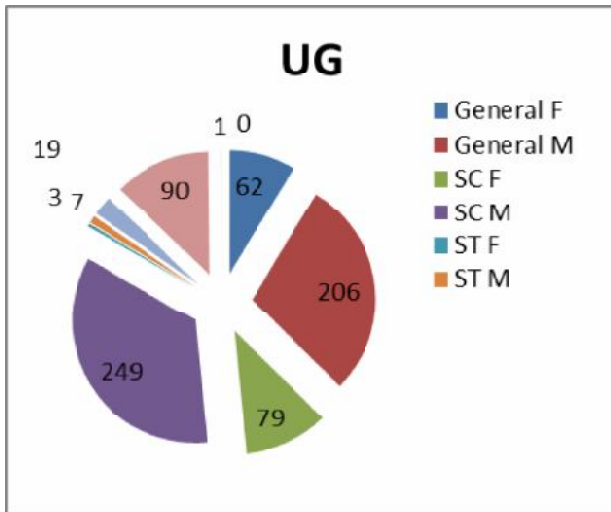


**Enrollment in Male female across the courses**

Course	Total Students Enrolment		General		SC		ST		OBC		PH	
	T	W	T	W	T	W	T	W	T	W	T	W
UG	716	163	268	62	328	79	10	3	109	19	1	
PG	2211	995	844	431	939	375	45	13	367	173	16	3
5 years integrated Course	79	28	47	14	20	9	6	4	6	1		
M.Phil/M.Tech	349	142	132	64	159	54	3	1	53	23	2	
Ph.D	486	205	167	84	238	94	35	10	44	17	2	
Cert./Dip	84	50	39	28	33	15	1	1	11	6		
<b>Total</b>	<b>3925</b>	<b>1583</b>	<b>1497</b>	<b>683</b>	<b>1717</b>	<b>626</b>	<b>100</b>	<b>32</b>	<b>590</b>	<b>239</b>	<b>21</b>	<b>3</b>

Note: T= total; W=woman





## 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. Dharendra Pandey	Assistant Director
3.	Shri A. Thangaraj	Computer Operator
4.	Shri. R.S. Rai	Upper Division Clerk
5.	Ashar Taqui *	Network Assistant
6.	Shailendra Pandey *	LAN Assistant
7.	S.M. Siddiqui *	LAN Assistant
8.	Mukesh Dubey *	Web Assistant
9.	Dharmendra Kumar *	Web Assistant (Recruitment Portal)

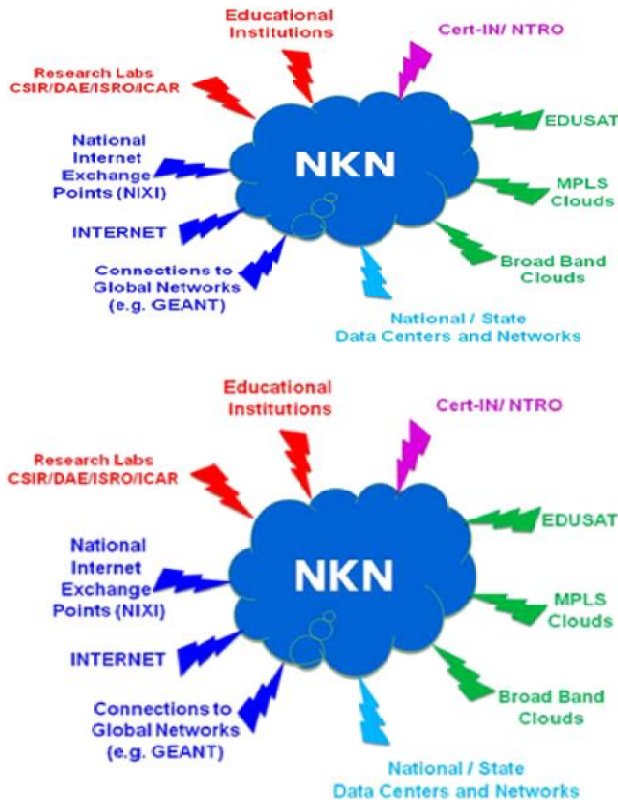
\*: On outsourcing

### Computing Equipment's

1.	1. Computer	: 65
2.	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.

- **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



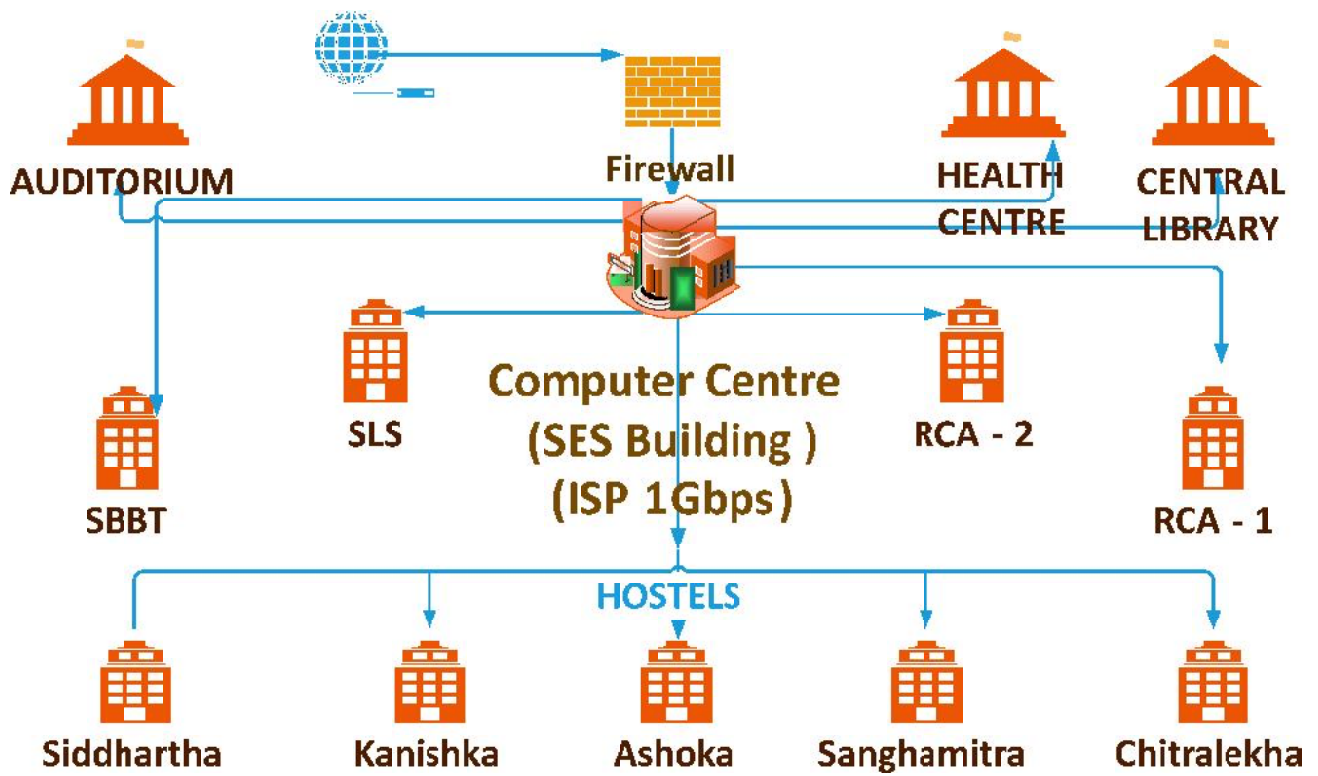
## On Line UPSs details

- 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 )

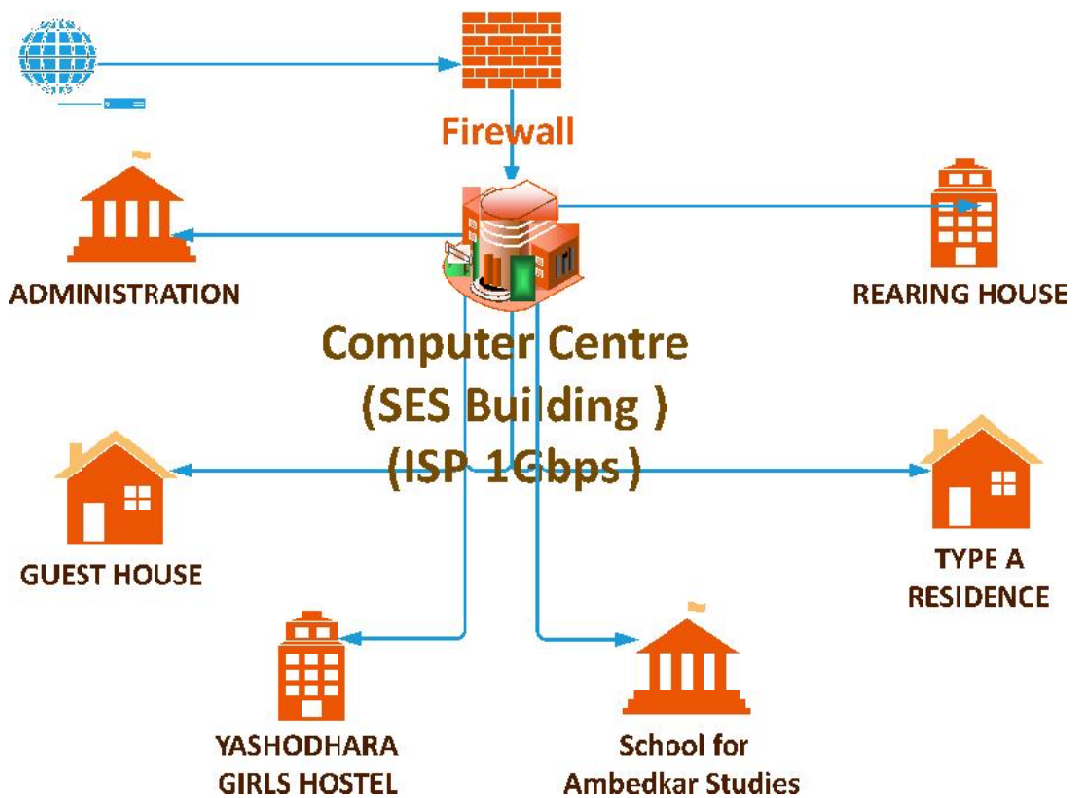
## LAN & DHCP Server (Wi-Fi)




### 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-226025  
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

[Login](#)

**User Register**

Name

Date of Birth

Email

Category Teaching  Non Teaching

Name of Post Applied For

[Go to Step 1](#)

Website Server



[Home](#) | [mail@bbau](#) | [oldmail](#) | [हिंदी संस्करण](#) | [Contact BBAU](#)



**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.

## ANNUAL REPORT OF UNIVERSITY WORKS DEPARTMENT FOR THE YEAR 2015-2016 CAMPUS DEVELOPMENT

### Composition of The Building Committee for the Financial Year 2015-16

S.No.	Name/Designation of the members	Status
1.	Prof. R.C.Sobti, Vice-Chancellor, BBAU	Chairman
2.	Prof. Vipin Saxena, HoD, Department of Computer Science, BBAU/Member Planning Board.	Member
3.	Dr. Sudarshan Verma, HoD, Department of Law, BBAU/Member Planning Board.	-do-
4.	Executive Engineer, Lucknow Central Division-1, Central Public Works Department, Lucknow.	-do-
5.	Executive Engineer, Lucknow Central Electrical Division, Central Public Works Department, Lucknow.	-do-
6.	Chief Architect, Central Public Works Department, Lucknow or his representative.	-do-
7.	Chief Architect U.P. Public Works Department, Uttar Pradesh, Lucknow or his representative,	-do-
8.	Er. S.S. Lal, Former Engineer-in-Chief/HOD, U.P. P.W.D,	-do-
9.	Er. Vidya Sagar Singh, Retd. Chief Engineer-Building, U.P. P.W.D.	-do-
10.	Finance Officer, Babasaheb Bhimrao Ambedkar University, Lucknow.	Member
11.	Registrar, Babasaheb Bhimrao Ambedkar University, Lucknow.	Secretary

### Achievements Made During 2015-16

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| <p>(i) Phase-II work of Ashoka Boys hostel with a total capacity of 136 students was taken over from C.P.W.D.</p> <p>(ii) The building for School for Bio-Science and Bio-Technology phase-II(Department of Education-cum Plant Science Block ) was completed by C.P.W.D and has been occupied by Department of Applied Animal Science, Department of Pharmaceutical Science and School for Home science.</p> <p>(iii) The work of the construction of one of the prestigious building i.e. Ambedkar Bhawan was started by C.P.W.D.</p> <p>(iv) Construction of boundary wall around Chitrlekha Girls hostel was taken up through C.P.W.D and got completed.</p> <p>(v) Upgradation of road in front of Auditorium Building in view of Hon'ble Prime Ministers visit to grace the 6<sup>th</sup> convocation of the University on 22-01-2016 was completed.</p> <p>(vi) The work of the construction of Moot Court for School for Legal Studies was taken up through C.P.W.D.</p> | <p>(vii) The work of construction of third academic block for SBBT building was started during F.Y.2015-16.</p> <p>(viii) The work of construction of phase-II of the Girls Hostel was started during F.Y.2015-16.</p> <p>(ix) Construction of Administrative block for SBBT building was taken up during F.Y.2015-16.</p> <p>(x) Extension of Examination hall (One block double storey) was started during this financial year.</p> <p>(xi) Open parking area for RCA was developed.</p> <p>(xii) Open parking area for School for Bio-Science and Bio-Technology was developed.</p> <p>(xiii) Open area for School for Legal Studies building was developed.</p> <p>(xiv) Aluminum partitioning and vitrified flooring was taken up on first floor of block no.4 of Adm block to develop space for deptt. of Applied Chemistry.</p> <p>(xv) The work of painting and repairing of</p> |
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boundary wall of University campus and Pragma Vatika completed.

- (xvi) Aluminium partition work at various places in University campus such as Central Library (DIT, DCS, DLISc, Basement) RCA building, Administrative block etc, was taken up for optimal utilization of space.
- (xvii) Painting and maintenance work in type B residences was taken up and completed.
- (xviii) Interlocking paver block in internal road and Guesthouse was taken up and completed.
- (xix) Construction of open parking at Siddhartha Boys hostel was developed.
- (xx) M.S railing work along both side of footpath of roads of University campus was completed.
- (xxi) S.S. framed retro-reflective Guide maps of the University campus were installed at three places.
- (xxii) Office of the Engineering section of the University was renovated.
- (xxiii) 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.

### Foundation Stone laying/Inauguration of Buildings

1. Foundation Stone of Third Academic Block laid by Shri Akhilesh Yadav Hon'ble Chief Minister of Uttar Pradesh on 29-10-2015
2. Botanical Garden inaugurated on 29-10-15 by Shri Akhilesh Yadav Hon'ble Chief Minister of Uttar Pradesh.
3. School for Bio-Science & Bio-Technology cum Department of Education block inaugurated on 31<sup>st</sup> October, 2015 by Shri Ram Naik Hon'ble Governor of Uttar Pradesh.
4. Foundation Stone of Phase-II of the Building for Sanghmitra Girls hostel laid by Smt. Smrati J.Irani, Hon'ble Minister of HRD, Government of India on 10-01-2016.
5. Foundation Stone of Students' Activity Centre laid by Shri Narendra Modi, Hon'ble Prime Minister of India 22-01-2016.

Status of ongoing construction works in the University campus during financial year 2015-16

### Works undertaken by Central Public Works Department

S. No	Name of Project regarding construction (Excluding minor repairs)	Approved allocation In Rs in Lakhs	Funds released during financial year 2013-14 In Rs in Lakhs	Funds released during financial year 2014-15 In Rs in Lakhs	Funds released during financial year 2015-16 In Rs in Lakhs	Total Funds released upto the financial years 2015-16 In Rs in Lakhs	Physical progress (percentage of work completed) upto financial Year 2015-16
1	2	3	4	5	6	7	8
1	Improvement and rehabilitation of road gate no. 1 to 3 in the University AA/ES issued vide letter no. 1058/5(367)/2013 dated 30-09-2013	272.00	187.75	84.35	5.764	277.864	100%
2	Construction of Multipurpose hall (Examination Hall ) AA/ES issued vide no.1601/5(403)/2013 dated 30-09-2013	139.72	46.57	79.18	11.175	136.925	100%
3	Construction of Shops AA/ES issued vide letter no. 1602/5(410)/2013 dated 30-09-2013	44.80	14.93	10.37	15.60	40.90	100%

4	Repair and renovation of Girls hostel AA/ES issued vide letter 1602/5(410)/2013 dated 30-09-13	240.84	80.28	10.91	18.564	109.754	100%
5	Ambedkar Bhawan (letter no 1720/5(371)/13 dated 11-10-13 and 137(371)/14 dated 17-04-14)	3888.19	1296.06	10.91	18.564	109.754	25%
6	Boys' hostel phase-II AA/ES issued vide letter no. 223/5(409)/2014 dated 01-05-2014	1198.25	Nil	399.42	390.034	789.454	100%
7	Renovation of Council Hall (AA/ES issued vide letter no.3287/5 (440)/14 dated 31-03-14)	81.10	27.00	--	1.003	28.003	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 09-10-2013 & 2918/5(414)/14 dated 13-02-14)	1319.35	500.00	--	424.46	924.46	100%
9	Path way for Multipurpose hall (Examination Hall )and shops AA/ES issued vide letter no. 3093/5(403)/2014 Dated 06-03-2014	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	27.55	100%
11	PVC Fabric fencing at Gulab Vatika AA/ES issued vide letter no.1141/5(436)/2014 dated 13-08-2014	5.94	--	--	6.64	6.64	100%
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	--	11.60	100%
13	Resurfacing of internal roads near Girls hostel guest house, type B residences, and parking area of the building for environmental sciences AA/ES issued vide letter no. 3356/5(510)/2015 dated 19-02-2015	59.88	--	--	59.88	59.88	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 16-12-2014	115.31	--	38.44	6.60	45.04	90%

15	Construction of boundary wall around Chitrlekha Girls hostel AA/ES issued vide letter no. 3234/5(496)/2015 dated 10-02-15	25.48	--		25.48	25.48	100%
16	Construction of third academic block of the building for School for Bio-Science and Bio-Technology IAA/ES issued vide letter no. 718/5(419)/2015 dated 14-05-2015	1069.87	--	--	509.95	509.95	25%
17	Construction of Phase-II of the girls hostel (sanghmitra Girls hostel) AA/ES issued vide letter no 718/5(419)/2015 dated 14-05-2015	1640.6	--	--	666.99	666.99	20%
18	Construction of Administrative block for School building for Bio-Science & Bio-Technology AA/ES issued vide letter no.3527/5(386)/2015 dated 03-03-15	189.21	--	--	189.21	189.21	80%
19	<b>Horticulture activities Includes following works:</b>	118.60	8.67	30.86	40.92	80.45	100%
(i)	Development of park inside the vacant space between two girls hostel						
(ii)	Development of road from main gate to V.C residence						
(iii)	Jungle clearance in University campus (specific area only)						
(iv)	Development of lawn in front of boys hostel						
(v)	Jungle clearance in front of phase-1 of SBBT building and ploughing of field						
(vi)	Grassing in open area of backside of environmental science school building						
(vii)	Plantation of trees shrubs & hedges etc. at SES building						
(viii)	Development of rose garden at Adm block						
20	Internal electrification in Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1168/(403)/2014 part-III dated 19-08-2014	20.92	--	6.97	--	6.97	100%
21	Extension of Examination Hall (One Block Double Storey) at BBAU, Lucknow AA/ES issued vide no.3223/5(574)/2015 dated 09-12-15	457.20	--	--	150.88	150.88	5%
22	Upgradation of Road in front of Auditorium Building in view of the visit of Hon'ble Prime Minister to grace the occasion of 6 <sup>th</sup> Convocation of the University on 22-01-2016	22.13	--	--	--	--	100%
23	Beautification by displaying potted plants and flower arrangement during foundation day and Hon'ble Prime Ministers visit in the University campus on 22-01-2016	5.25	--	--	--	--	100%
	<b>Total</b>	<b>11,017.35</b>	<b>2,161.26</b>	<b>716.72</b>	<b>2,979.54</b>	<b>5,857.52</b>	

### Works undertaken directly by the Engineering Department of the University during financial year 2015-16

S. No	Name of work	Estimated cost	Work order no.	Actual completion cost/Deduction in Rs.	Nett payment
			Tendered cost		Date of payment
1	Open Parking S.B.B.T	26,56,237.00	3350/5(530)/15	21,15,434.00	17,75,182.00
			Dated 19-02-15	IT 44,000.00	
				TT 84,643.00	
			23,10,142.00	SD 2,11,609.00	
2	Aluminium partitioning work for Rural Management department in RCA Building	2,41,270.00	3526/5(524)/15	1,92,425.00	1,61,482.00
			Dated 03-03-15	IT 4,000.00	
				TT 7,700.00	
			2,38,175.00	SD 19,243.00	
					23-04-2015
3	Supply and laying of Underground cable for SES type C etc. and making joint	98,287.00	3538/5(169)/15	97,476.00	97,476.00
			Dated 04-03-15		
			97,477.00		
					14-08-2015
4	Aluminium partitioning and vitrified flooring in old library at second floor of block no 4 of Adm block	11,33,000.00	2437/5(474)/14	11,38,012.00	9,55,191.00
			Dated 04-03-15	IT 23,500.00	
				TT 45,520.00	
			10,08,370.00	SD 1,13,801.00	
					07-05-2015
5	Supply and fixing of fly proof mesh at window of Chitrlekha Girls hostel	1,18,182.00	1154/5(477)/14	1,00,421.00	84,259.00
			Dated 14-08-14	IT 23,500.00	
				TT 45,520.00	
			1,07,957.00	SD 1,13,801.00	
					11-05-2015
6	Addition and alteration work of Guest house	1,91,243.00	2400/5(491)/14	1,42,346.00	1,19,466.00
			Dated 10-12-14	IT 2,950.00	
				TT 5,695.00	
			1,85,524.00	SD 14,235.00	
					11-05-2015
7	Construction of shed for water cooler at gate no.1 of the University campus	54,550.00	2656/5(515)14	44,283.00	41,593.00
			Dated 30-12-14		
				IT 910.00	
			53,419.00	TT 1,780.00	
					11-05-2015
8	Painting and repairing of boundary wall of BBAU campus and Pragya Vatika	20,17,064.00	2438/5(467)/14	14,35,940.00	12,04,908.00
			Dated 19-12-14		
				IT 30,000.00	
			16,13,651.00	TT 57,438.00	
					21-05-2015
				SD 1,43,594.00	
9	False ceiling and painting work of Registrar office and board room	29,95,051	74/5(541)/15	2,95,675.00	2,48,180.00
			Dated 07-04-15		
				IT 6,100.00	
			3,22,421.00	TT 11,827.00	
					08-06-2015
				SD 29,568.00	
10	Aluminum partitioning work at various places in University campus such as Central Library(DIT,DCS DLIS, Basement ) RCA building Adm block etc.	26,67,658.00 +8,27,396.00	3330/5(473)15	33,27,200.00	27,66,669.00
			Dated 18-02-2015		
				IT 69,400.00	
			25,39,801.00+	TT 1,34,044.00	
			8,27,396.00	SD 3,32,686.00	
				LC 20,915.00	Third & final bill 31-03-2016

11	Renovation of toilets at main entrance of Guest house , VC, office and Registrar Office		5(483-A)/14	2,33,799.00	1,91,591.00	
				IT 4,800.00	11-09-2015	
				TT 9,352.00		
				SD 23,380.00		
				L.C 4,676.00		
12	Construction of gate no 5 near Siddhartha Boys hostel		5(534)/14	1,75,588.00	1,43,888.00	
				IT 3,600.00	14-08-2015	
				TT 7,025.00		
				SD 17,560.00		
				LC 3,515.00		
13	Replacement of roof sheet with profile sheet of Dining hall of Guest House	1,55,194.00+ 1,29,536.00 (Extra items)	40/5(522)/15 Dated 06-04-15	2,78,603.00	2,27,671.00	
				1,55,119.00+ 1,29,536.00 (Extra items)	IT 6,000.00	09-09-2015
				TT 11,500.00		
				SD 27,860.00		
				LC 5,572.00		
14	Repairing of damaged boundary wall behind Kaniska Boys hostel	41,952.00	5(464)/2014 Dated 13-01-16	40,799.00	33,421.00	
				IT 850.00	26-02-2016	
				TT 1,632.00		
				SD 4,080.00		
				LC 408.00		
15	Construction of pathway and light traffic open parking for RCA building	16,45,025.00	2558/5(532)/15 Dated 12-10-15	13,29,229.00	12,48,811.00	
				14,56,886.00	IT 27,249.00	11-12-2015
				TT 53,169.00		
16.	Supply of battery for inverter of Engineering section	23,700.00	2300/5(240)15 dated 23-09-15	23,500.00	23,500.00	
				23,500.00		31-10-2015
17.	Fixing of M.S. hoarding for display for banners at gate no. 1 of BBAU campus	3,40,902.00	1713/5(413-A)/15 50,917.00	49,668.00	40,689.00	
				IT 1,020.00	09-09-2015	
				TT 2,000.00		
				SD 4,966.00		
				LC 993.00		
18.	Addition and alternation work of V.C.'s Secretariat P.S. and visitors room and painting	3,40,902.00	1713/5(413-A)/15 dated 05-08-15	3,37,012.00	2,72,721.00	
				3,38,663.00	IT 7000.00	
				TT 13,480.00		
				SD 33,701.00	11-09-2015	
				LC 6,740.00		
WC 3,370.00						
19.	Reconstruction of damaged boundary wall near Parag Booth	3,11,376.00	1506/5(464)/15 dated 05-08-15	1,78,350.00	1,47,880.00	
				IT 3,700.00		
				TT 7,150.00	08-12-2015	
				SD 17,835.00		
				LC 1,785.00		
20.	Painting and maintenance work of type B residence both blocks	17,58,097.00 +3,00,383.00	1210/5(326)/15 part-2 dated 19-06-15	17,00,194.00	14,10,311.00	
				IT 3,700.00	14,10,311.00	
				TT 7,150.00		
				SD 17,835.00		
				LC 1,785.00		

21.	80 mm thick interlocking paver road of V.C. residence	8,12,355.00	758/5(428)/15 dated 19-05-15	6,80,640.00	3,60,353.00
			7,26,266.00	IT 14,000.00	03-11-2015
				TT 27,225.00	
				LC 6,806.00	
				SD 2,72,256.00	
22.	Construction of shelter shed	63,043.00	5(484)/2014 dated 23-01-15	56,968.00	56,968.00
23.	Supply of battery for inverter of Engineering section	23,700.00	2300/5(240)15 dated 23-09-15	23,500.00	23,500.00
			23,500.00		31-10-2015
24.	Fixing of M.S. hoarding for display for banners at gate no. 1 of BBAU campus	3,40,902.00	1713/5(413-A)/15	49,668.00	40,689.00
			50,917.00	IT 1,020.00	09-09-2015
				TT 2,000.00	
				SD 4,966.00	
				LC 993.00	
25.	Addition and alternation work of V.C.'s Secretariat P.S. and visitors room and painting	3,40,902.00	1713/5(413-A)/15 dated 05-08-15	3,37,012.00	2,72,721.00
			3,38,663.00	IT 7000.00	
				TT 13,480.00	
				SD 33,701.00	11-09-2015
				LC 6,740.00	
				WC 3,370.00	
26.	Reconstruction of damaged boundary wall near Parag Booth	3,11,376.00	1506/5(464)/15 dated 05-08-15	1,78,350.00	1,47,880.00
				IT 3,700.00	08-12-2015
				TT 7,150.00	
				SD 17,835.00	
				LC 1,785.00	
27.	Painting and maintenance work of type B residence both blocks	17,58,097.00 +3,00,383.00	1210/5(326)/15 part-2 dated 19-06-15	17,00,194.00	14,10,311.00
				IT 3,700.00	14,10,311.00
				TT 7,150.00	
				SD 17,835.00	
				LC 1,785.00	
28.	80 mm thick interlocking paver road of V.C. residence	8,12,355.00	758/5(428)/15 dated 19-05-15	6,80,640.00	3,60,353.00
			7,26,266.00	IT 14,000.00	03-11-2015
				TT 27,225.00	
				LC 6,806.00	
				SD 2,72,256.00	
29.	Construction of shelter shed	63,043.00	5(484)/2014 dated 23-01-15	56,968.00	56,968.00
			63,043.00		
30	Providing and fixing of interlocking paver block in Guest house	4,47,671.00	1968/5(425)/15 Dated 27-08-15	4,03,700.00	3,34,645.00
			4,41,922.00	IT 8,500.00	10-12-2015
				TT 16,148.00	
				SD 40,370.00	
				LC 4,037.00	

31	Vitrified tile Flooring in SES, SAS and RCA building and miscellaneous alteration work(443)		5(443)/14	3,34,714.00	2,77,596.00	
				IT 6,900.00	10-12-2015	
				TT 13,400.00		
				SD 33,471.00		
				L.C. 3,347.00		
32.	Construction of light traffic open parking for SLS building	38,24,536.00	2802/5(531)/15 dated 03-11-15	33,68,400.00	27,66,897.00	
				32,56,393.00	IT 69,200.00	27,66,897.00
					TT 1,37,329.00	Final Bill
					SD 3,36,922.00	paid on 31-
					LC 24,360.00	03-16
33.	Signage of buildings with brass lettering of auditorium and Central library	2,27,250.00	5(170)/16 part-2 dated 14-01-16	2,25,000.00	1,84,300.00	
				2,27,250.00	IT 4,700.00	17-02-2016
					TT 9,000.00	
					SD 22,500.00	
					LC 2,250.00	
34.	Supply of 12 nos. M.s. barricades with wheels for controlling traffic in BBAU Campus	2,76,684.00	3601/5(559)/16 dated 14-01-16	2,54,339.00	2,18,320.00	
				2,69,989.00	IT 5,500.00	29-03-2016
					SD 25,433.00	
					LC 2,543.00	
					WC 2,253.00	
35.	False ceiling under Babasaheb Statue shed in front of Auditorium	76,618.00	3601/5(5590)/16 dated 14-01-16	2,54,339.00	68,586.00	
				76,618.00		26-02-2016
36.	Construction of open parking for two wheelers at Siddhararha Boys Hostel	3,08,636.00	3101/5(556)/15 dated 30-11-15	3,11,520.00	2,55,178.00	
					IT 6500.00	
					TT 12,460.00	
					SD 31,152.00	12-01-2016
					LC 2,115.00	
		WC 3,543.00				
37.	A.C. points at camp office of Vice Chancellor	17,707.00	5(196)/08 part-3 dated 23-11-2016	16,293.00	16,293.00	
				17,709.00		31-03-16
38.	Replacement of inverter at V.C. Camp office	17,500.00	5(196)/08 part-5 dated 23-02-15	17,500.00	17,500.00	
				17,500.00		13-05-2015
39.	M.S. railing along both side of footpath of roads of the University	67,47,337.00	759/5(481)/15 dated 19-05-15	41,48,866.00	33,99,743.00	
				60,07,890.00	IT 85,300.00	Final bill
					TT 1,65,955.00	yet to be
					SD 4,14,886.00	paid
					LC 41,491.00	
		WC 41,491.00				
40.	Construction of pathway for Botanical Garden		5(576)/15	2,05,546.00	1,70,214.00	
					IT 4,500.00	11-12-2015
					TT 8,222.00	
					SD 20,555.00	
					LC 2,055.00	

41.	Supply and erection of SS framed retro reflective Guide map of BBAU		5(576)/15	3,04,050.00	2,51,943.00	
				IT 6,500.00	11-12-2015	
				TT 12,162.00		
				SD 30,32,098.00		
				LC 3,05,242.00		
42.	Internal and external painting of V. C. residence and renovation of toilets	4,05,242.00	3317/5(263)/ 15 dated 17 – 12-15	4,05,242.00	3,32,098.00	
				IT 8,307.00	25-01-16	
				TT 16,209.00		
				SD 40,524.00		
				L.C. 4,052.00		
43.	Supply and painting of safe house for {Prime Ministers visit on 22-01-16	1,09,295.00	5(413-A)/13	1,09,295.00	1,09,295.00	
					16-02-16	
44.	Repairing of interlocking paver block in front of Adm block		5(196)/02 part-2	7,500.00	7,500.00	
45.	Supply of furniture for atrium portion of Central Library and repairing of chairs	6,28,004.00	3602/5(554)/16 dated 14-01-16	6,10,818.00	6,10,818.00	
				6,10,818.00	16-02-16	
46.	Internal electrification for additional power point for Department of Information Technology and Computer Science in Central Library building	4,99,602.00	3318/15(565)/15 dated 17-02-15	4,97,424.00	4,07,788.00	
				IT 10,300.00	26-02-2016	
				TT 19,910.00		
				SD 49,772.00		
				L.C. 4,977.00		
47.	Repairing of damage floor tile of room no. 206 of SAS building		5(457)/14 part-2	32,483.00	32,483.00	
					28-03-16	
48.	Supply of plumbing goods		5(475)/14	45,628.00	45,628.00	
					16-02-16	
49.	Internal painting of auditorium	1,58,473.00	5(589)/16 dated 29-02-16	1,03,702.00	95,328.00	
				1,55,406.00	IT 2,150.00	31-03-2016
					TT 4,150.00	
					L.C. 1,037.00	
					W.C. 1,037.00	
50.	Inauguration stone of Botanical Garden	18,826.00	5(577)/15	18,826.00	18,826.00	
51.	Renovation of site office Engineering section		5(489)/14	6,52,773.00	5,34,830.00	
				IT 13,500.00	31-03-16	
				TT 13,500.00		
				SD 65,277.00		
				L.C. 6,528.00		
				W.C. 6,528.00		
52.	Furniture for meeting room adjacent to V.C.'s office chamber		4074/5(568)/16 dated 25-08-15	36,68,000.00	36,68,000.00	
					31-03-16	
53.	Construction of sump well and installation of pump to drain off the sewage water of administrative block complex and related electrification work for pumping out sewage from sump well	3,27,627.00	1930/5(560)/15 dated 25-08-15	3,61,249.00	2,96,047.00	
				3,76,000.00	IT 7,405.00	27-10-2016
					TT 14,449.00	
					SD 36,124.00	
					L.C. 3,840.00	
				W.C. 3,840.00		

54.	Construction of six nos. of iron huts EO/BBAU/95	2,59,596.00+1, 29,780.00=3,89 ,340.00	3121/EO/15 dated 02-12-15	3,83,938.00	3,14,258.00	
				IT 8,000.00		
				TT 15,500.00		
				SD 38,500.00		27-03-2016
				LC 3,840.00		
W.C. 3,840.00						
55.	Supply and fixing of 10 nos. retro refractive sign boards in the University campus	93,500.00	5(423)/13	93,000.00	91,000.00	
			93,500.00	IT 2,000.00	01-02-16	
56.	Wooden wall paneling in the safe house for Hon'ble P.M.'s visit in the campus on 22-01-16 EO/BBAU/154	98,000.00	EO/BBAU/154	98,000.00	98,000.00	
			98,000.00			
57.	Purchase and painting of signage board in the University campus EO/BBAU/85	1,29,360.00	EO/219- A/BBAU/15 dated 06-11-15	1,13,405.00	1,05,105.00	
			1,35,373.00	IT 2,500.00	10-12-2015	
				TT 4,600.00		
				L.C. 1,200.00		
58.	Purchase of Wheel Chair EO/BBAU/54	13,800.00	3626/BBAU/15 dated 11-03-15	13,800.00	13,800.00	
59.	Kerb Stone painting from Guest house to Type A,B & C quartes EO/BBAU/117	24,900.00	08-12-2015	24,900.00	24,900.00	
60.	Fixing of Stainless steel railing in front of main auditorium EO/BBAU/134	95,500.00	13-01-16	95,500.00	95,500.00	
61.	Censor based urinal for Gents toilet EO/BBAU/142	78,625.00	01-02-16	78,625.00	78,625.00	
			<b>Total</b>	<b>2,77,46,184.00</b>		

Thus, Works costing approx. Rs. 277,46.00 lacs were taken up directly by the Engineering Department of the University during the financial year 2015-16.

### 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 maintained through 11/0.4 KV sub-station in the campus.

3. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.
4. Meeting of the Building committee was convened and support was given for other statutory body meetings.

All these achievement 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 out-door 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 co-curricular and extra-curricular activities of inmates. All hostel inmates are expected to maintain the spirit of camaraderie and dignity. The Hostel Office located within the Hostel premises, is integral part of the Hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the University Health Centre located inside the University Campus. A

Fully furnished Air conditioned common rooms, equipped with recreational and indoor game facilities such as Carroms, Chess, Table Tennis, Chess board, etc adds to the vibrancy of the hostel, encouraging the inmates to actively engage in co-curricular activities.

#### Facilities:

- 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

o 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. Satyanarayana, 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. along with 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 along with 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 on the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.



**Figure 1. Fourier Transform Infra-Red Spectrometer (FTIR)**

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.



**Figure 2. Fast Performance Liquid Chromatograph (FPLC)**

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.



Figure 3. Scanning Electron Microscope of JEOL (JSM 6490 LV)

### Usage of Instruments:

The sophisticated instruments are being used exhaustively by the research scholars and faculty members of the University. The details of the analysis are given below:

S. No.	Name of the Instrument	No. of Samples Analyzed (till November 2016)
1.	Scanning Electron Microscope	3,930
2.	Fourier Transform Infrared Spectroscopy (FTIR)	3,389
3.	Fast Performance Liquid Chromatography (FPLC)	48 (Beneficiaries)
4.	Research Microscope	1094

### 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)

2. Vortex Mixer (CM101-Plus Remi)
3. Double Distillation Unit
4. Hot Air Oven
5. Deep Freezer (-40°C)
6. Electrophoresis
7. UV Lamp
8. Ultra sonic cleaner
9. Microwave oven

### For contact:

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## 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

- **Office Assistant (Outsourcing):-** 01
- **Driver (Out sourcing) :-** 02
- **Head Mali/Field Supervisor (Out sourcing):-** 02
- **Workman (Out sourcing):-** 42
- **Equipment / Items:-**

The section has good infrastructure consisting of followings items:

1. Tractor	02
2. Trolley	01
3. Tankar	01
4. Harrow	02
5. Cultivator	02
6. Leveller	02
7. Electronic lawn mower	03
8. Brush Cutter	05
9. Tractor Moving grass cutter	01

#### **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 Swachch 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 infront 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 though 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 :-

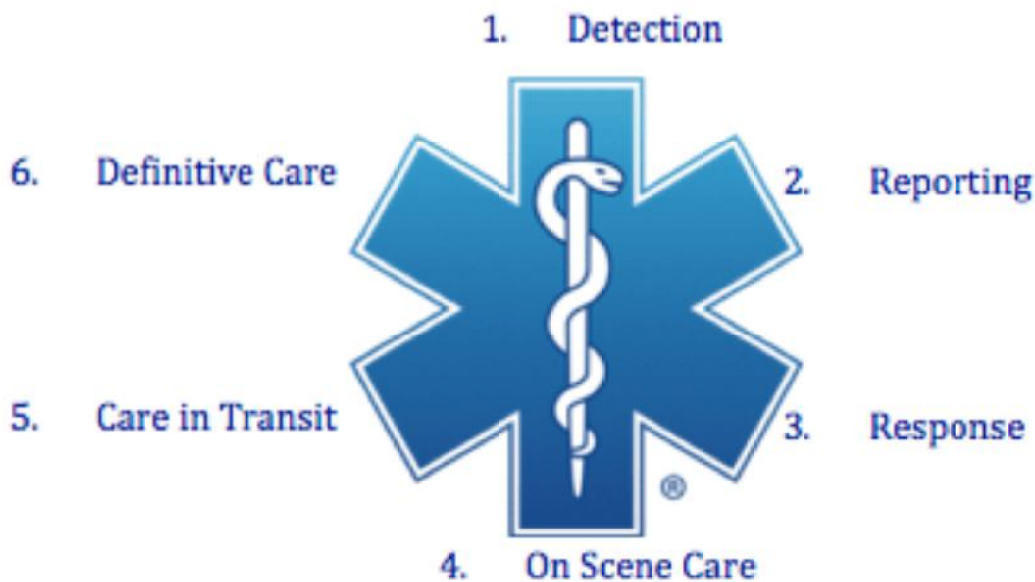
- |                      |   |        |
|----------------------|---|--------|
| Dr. Rakesh Pradhan   | - | C.M.O. |
| Dr. Vikas Srivastava | - | M.O.   |
| Dr. Ruchi            | - | M.O.   |

### 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.



## NATIONAL CADET CORPS (GIRLS SENIOR WING)

National Cadet Corps is a Tri-Services Organization, comprising the Army, Navy and Air Force, engaged in grooming the youth of the country into disciplined and patriotic citizens. Training in NCC instills qualities like nationalism, patriotism, discipline, team spirit, spirit-de-corps, leadership and self-confidence and promotes overall personality development. NCC gives a tremendous opportunity to one and all for betterment, irrespective of caste, creed, religion or economic status. Based on the aims of NCC, the organization has laid down training syllabi for the cadets. The syllabi for the Senior Division cadets cover a period of three years.

The NCC (Girls) wing of the Babasaheb Bhimrao Ambedkar University started on 12 August, 2010 with the strength of 50 Cadets is attached to the 20 UP Girls BATTALION NCC of the Army. The Commanding of 20 UP Girls BN are Lt. Col. Anubhava Raj respectively. At present, total strength of enrolled 50 cadets 20 UP Girls BN LKO. All NCC activities in the University campus are conducted under the supervision of Lt. Raj Shree, Asst. Professor, DIT. During this year cadets have attended a number of camps such as Combine Annual Training Camp

(CATC), Annual Training Camp and Army Attachment Camp. Our NCC cadets have become the role model for other students by participating in social activities like health check-up camp, blood donation camp, tree plantation camp, anti-leprosy drive, Cancer Awareness Programmers and other NSS activities. In 2015-16 academic session, cadets attended two Combine Annual Training Camp (CATC) and one Annual Training Camp. These camps were held at Georgiovs Academy, Kanpur Road Banthra Lucknow. During the camps cadets learnt about first aid, shooting, map reading, personal hygiene etc. The University 20 UP Girls BN NCC Cadets participated in 15 August, 2015 Parade held at University Campus. On 26 January 2016, all the cadets gave Guard of Honour as a mark of respect to H'ble Vice-Chancellor, Prof. R. C. Sobati. On 27-29<sup>th</sup> May 2016 Yoga Fest and Yoga International Day combined organized by NCC wing & Sports Section. 20 UP Girls BN participated Basketball championship organized by NCC From 10<sup>th</sup> Sep. 2016 to 19<sup>th</sup> Sep. 2016 held at John Milton Public School, Agra, in conjunction with the CACT-11 camp 1 UP Bn NCC, Agra. The Cadet has given information for cleanliness, health and hygiene to the Villages. They also educated and motivated the villagers to educate their children.

## 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.

### Faculty Available

S.No.	Name	Designation
1	Dr. Manoj Kumar Dhadwal	Assistant Director of Physical Education

## Event Organized

S.No.	Date	Programme
a)	14-18 <sup>th</sup> March 2016	Annual Sports Festival
b)	14 April 2016	Marathon Run
c)	27-29 <sup>th</sup> May 2016	Yoga Fest and Yoga International day
d)	15 Aug -23 Aug 2016	70 <sup>th</sup> independence day 'National Anthem at auditorium "Freedom Walk"
e)	22 <sup>nd</sup> to 28 Aug 2016	Workshop 'Research methodology and statistical analysis in yogic Sciences ''
f)	29 <sup>th</sup> Aug 2016	National Conference "Yoga for Holistic Health" (Sports Day)
g)	21 <sup>st</sup> to 23 <sup>rd</sup> September 2016	Inter School (Men and Women) Kabaddi Championship-2016

### a. Sports Section organised Annual Sports Festival-2016 from 14<sup>th</sup> to 18<sup>th</sup> March 2016.

Following Sports Events were conducted:

#### Details of Sports Events and Result for Boys

S.N.	Name of the Event	Name of the School/ Students Name	Position
1	Football	UIET	Winner
		School for Legal Studies	I <sup>st</sup> Runner Up
		School for Physical Science	II <sup>nd</sup> Runner Up
2	Volleyball	School for Ambedkar Studies	Winner
		School for Environmental Science	I <sup>st</sup> Runner Up
		UIET	II <sup>nd</sup> Runner Up
3	Basketball	UIET	Winner
		School for Physical Science	I <sup>st</sup> Runner Up
		School for Ambedkar Studies	II <sup>nd</sup> Runner Up
4	Kho-kho	UIET	Winner
		School for Physical Science	I <sup>st</sup> Runner Up
		School for Education	II <sup>nd</sup> Runner Up
5	Badminton (Singles )	Anmol Kumar Singh (UIET)	Winner
		Rakesh Kumar Meena (DAPS)	I <sup>st</sup> Runner Up
		Sumit Kumar	II <sup>nd</sup> Runner Up
	Doubles	Cheshan & Sumit Kumar (UIET)	Winner
		Amardeep & Hemant (UIET)	I <sup>st</sup> Runner Up
		Ashok (P.S)& Nilesh (L.S)	II <sup>nd</sup> Runner Up
6	Table tennis	Shivam Singh (UIET)	Winner
		Aelis Rezvi (SAS)	I <sup>st</sup> Runner Up
		Utkersh (SMS)	II <sup>nd</sup> Runner Up
7	Lawn tennis	Shriyansh Gupta (SMS)	Winner
		Dhananjay Verma (UIET)	I <sup>st</sup> Runner Up
		Rahul	II <sup>nd</sup> Runner Up
8	Chess	Shivendra Tiwari (UIET)	Winner
		Abhishek Ranjan (SAS)	I <sup>st</sup> Runner Up
		Siddharth Baudh (SES)	II <sup>nd</sup> Runner Up

9	Carom		Bablu Sanani (SAS)	Winner
			Bipin Kishore Lakra (SIS)	I <sup>st</sup> Runner Up
			Rahul Prasad (S.B.B.T)	II <sup>nd</sup> Runner Up
10	Athletic	Long Jump	Aman Kumar Jha (SAS)	Winner
			Narendra Kumar (UIET)	I <sup>st</sup> Runner Up
			Arun Kumar Sahu (UIET)	II <sup>nd</sup> Runner Up
		100 mtr	Shubham Tiwari (UIET)	Winner
			Narendra Kumar (UIET)	I <sup>st</sup> Runner Up
			Arun Kumar Sahu (UIET)	II <sup>nd</sup> Runner Up
		200mtr	Aman Jha (SPS)	Winner
			Anupam Pathak (SPS)	I <sup>st</sup> Runner Up
			Satish Kumar (SPS)	II <sup>nd</sup> Runner Up
		400 mtr	Sarvesh Kumar Maurya (SES)	Winner
			Arun Kumar Sahu (UIET)	I <sup>st</sup> Runner Up
			Anmol Kumar Singh (UIET)	II <sup>nd</sup> Runner Up
		1500mtr	Shashi Shekhar (FST)	Winner
			Shubham Tiwari (UIET)	I <sup>st</sup> Runner Up
			Awdhesh Kumar (SES)	II <sup>nd</sup> Runner Up

### Details of Sports Events and Result for Girls

S.N.	Name of the Event	Name of the School/ Students Name	Position
1	Football	UIET	Winner
		School for Physical Science	I <sup>st</sup> Runner Up
		School for Ambedkar Studies	II <sup>nd</sup> Runner Up
2	Volleyball	School for Environmental Science	Winner
		School for Ambedkar Studies	I <sup>st</sup> Runner Up
		School for Physical Science	II <sup>nd</sup> Runner Up
3	Basketball	S.B.B.T	Winner
		School for Physical Science	I <sup>st</sup> Runner Up
		School for Information Science & Technology	II <sup>nd</sup> Runner Up
4	Kho-kho	UIET	Winner
		School for Ambedkar Studies	I <sup>st</sup> Runner Up
		School for Environmental Science	II <sup>nd</sup> Runner Up
5	Badminton (Singles )	Divya Gond (DRM)	Winner
		Arpna Ratnakar (SES)	I <sup>st</sup> Runner Up
		Kritika (UIET)	II <sup>nd</sup> Runner Up
	Doubles	Divya Gond (DRM) & Akansha Yadav (SMS)	Winner
		Pratima & Anjali (UIET)	I <sup>st</sup> Runner Up
		Arpna Ratnakar & Namita Ratnakar (SES)	II <sup>nd</sup> Runner Up
6	Table tennis	Arpna Ratnakar (SMS)	Winner
		Pragya Chauhan (SBBT)	I <sup>st</sup> Runner Up
		Kajal Srivastava (SMS)	II <sup>nd</sup> Runner Up
7	Lawn tennis	Rubi Chanchal	Winner
		Namita Gupta (SES)	I <sup>st</sup> Runner Up
		Arpna Ratnakar(SMS)	II <sup>nd</sup> Runner Up

8	Chess	Kayatri Kapil (DIT)	Winner	
		Pratibha (SOE)	I <sup>st</sup> Runner Up	
		Manisha Chaudhary (DIT)	II <sup>nd</sup> Runner Up	
9	Carom	Namita Gupta (SES)	Winner	
		Pooja Rawat (SAS)	I <sup>st</sup> Runner Up	
		Bulla Singh (SBBT)	II <sup>nd</sup> Runner Up	
10	Athletic	Long Jump	Akriti Dayal (SES)	Winner
			Akansha Yadav (SMS)	I <sup>st</sup> Runner Up
			Anju lata (SES)	II <sup>nd</sup> Runner Up
		100 mtr	Akansha Yadav (SMS)	Winner
			Jyoti Kumari (SOE)	I <sup>st</sup> Runner Up
			Akansha Shukla (SES)	II <sup>nd</sup> Runner Up
		200mtr	Archana Gautam (SPS)	Winner
			Anjali Gupta (SES)	I <sup>st</sup> Runner Up
			Simarjeet Kaur (SAS)	II <sup>nd</sup> Runner Up
		400 mtr	Akansha Yadav (SMS)	Winner
			Akriti Dayal (SES)	I <sup>st</sup> Runner Up
			Ekta Singh (SPS)	II <sup>nd</sup> Runner Up
		1500mtr	Monika Singh (SPS)	Winner
			Akansha Verma	I <sup>st</sup> Runner Up
			Sapna	II <sup>nd</sup> Runner Up

### b. Winner list of Marathon Run for Justice, Liberty, Equality and Fraternity

#### Student (Male)

1. Shashi Shekhar (UIET)
2. Niraj Singh (FST)
3. Awadhesh Kumar (DAC)

#### Female

1. Dr. Sandhya Gihar (SOE)
2. Akansha Shreyan (M.COM)
3. Manisha Gautam (DAC)

#### Staff Male

1. O.P. Saini (Assistant Librarian)
2. M.P. Singh (DLIS)
3. Dr. Sunil Gaur (Librarian)

#### Staff Family's

1. Dhairya Singh
2. Kushagra Saxena
3. Rishita Prasad  
Vinita Prasad

## Photo Gallery



## Photo Gallery



## Photo Gallery



## Financial Statement

### ABSTRACT OF THE FINANCIAL STATEMENT (1<sup>ST</sup> APRIL 2015 TO 31<sup>ST</sup> MARCH 2016)

2015-2016

2014-2015

S. N.	Particulars	Amount	Amount	Amount	Amount
1	Total Receipts side of Receipts & Payment Account		<b>1,741,544,593.79</b>		<b>1,136,476,872.46</b>
	a) Grants Received During the year	1,087,236,619.00		530,213,600	
	b) Earmarked Fund				
	c) Interest received	47,517,984.00		23,879,450	
	d) EMF Receipts	59,847,669.00		54,747,440	
	e) Other income	31,847,963.00		72,070,624	
	f) Any Other receipts	162,465,057.00		74,436,159	
	g) Opening Balance in Cash & at Bank	352,629,301.79		381,129,599	
2	Total Payment side of Receipts & Payment Account		<b>1,741,544,593.79</b>		<b>1,136,476,872.03</b>
	a) Expenses of Non Plan Account	531,002,231.00		317,458,773	
	b) Expenses of Plan Account	362,532,428.00		271,949,996	
	c) Earmarked Fund	73,064,542.00		76,944,420	
	d) Investment	321,500,000.00		10,000,000	
	e) Other Payment	-		112,894,381	
	f) Closing Balance in Cash & at Bank	453,445,392.79		347,229,302	
3	Income Plan / XII Plan		<b>1,497,525,637.00</b>		<b>442,139,970.00</b>
	a) Grants / Subsidies	745,904,619.00		425,602,200	
	b) Interest Earned	751,621,018.00		16,537,770	
4	Expenditure Plan				<b>115,497,115.00</b>
	a) Establishment Expenses	27,526,559.00		79,259,879	
	b) Administrative Expenses	14,175,156.00		855,138	
	c) Academic Expenses	27,687,587.00		24,915,112	
	d) Repairs & maintenance	48,914,586.00		10,466,986	
5	Income - Non Plan		<b>427,500,672.00</b>		<b>152,732,931.93</b>
	a) Grants / Subsidies	337,732,000.00		104,611,400	
	b) Fees / Subscription	31,847,963.00		25,426,692	
	c) Interest Earned	883,216.00		2,020,211	
	d) Other Income	57,037,493.00		20,677,629	
6	Expenditure - Non Plan		<b>325,619,260.00</b>		<b>231,152,728.00</b>
	a) Establishment Expenses	191,974,585.00		112,050,614	
	b) Administrative Expenses	81,787,043.00		52,038,429	
	c) Academic Expenses	15,414,865.00		2,020,211	
	d) Repairs & maintenance	36,442,767.00		20,677,629	
7	Depriciation On Fixed Assetes		<b>117,981,944.56</b>		<b>70,485,706.30</b>
8	Profit / (Loss ) Earned During The Year		<b>586,918,709.44</b>		<b>209,964,833.44</b>
	Non Plan Account Profit				
	Plan Account Profit				
9	Fixed Assets & Capital WIP		<b>1,883,833,988.73</b>		<b>1,639,283,505.94</b>
10	Investment				
11	Current Assets, Loan & Advance		<b>968,211,510.36</b>		<b>584,270,061.60</b>
12	Earmarked Fund		<b>47,508,447.03</b>		<b>90,826,458.00</b>
13	Current Liabilities & Provisions		<b>306,257,452.18</b>		<b>221,366,218.00</b>
14	Capital Fund		<b>2,498,279,600.88</b>		<b>1,911,360,891.51</b>

## Committee For Annual Report 2015-2016

Prof. N.M.P Verma	:	Chairman
Prof. R.P. Singh	:	Member
Prof. M Y Khan	:	Member
Prof. R B Ram	:	Member
Prof. Sunita Mishra	:	Member
Prof. Priti Saxena	:	Member
Prof. K.L. Mahawar	:	Member
Dr. Dharendra Pandey	:	Special Invitee
Shri Shiv Kumar Tripathi	:	Special Invitee
Shri Arvind Shukla	:	Convener



## **Babasaheb Bhimrao Ambedkar University**

(A Central University)

(Accredited 'A' Grade by NAAC)

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